

**This is a history of what bug fixes and new features have been implemented in each release of Net2**

## **Net2 v6.6 SR6 (6.6.12017.4376) (30/08/2022)**

- New – The TextAnywhere service has now been updated. SMS notifications will now be received
- New – The LocalAPI can now be disabled via the Net2 Config Security
- Fixed – LocalAPI bug fix to show "activationdate" only instead of activationtime
- Improvements – Unified Paxlock Firmware – Time profiles bug identified and fixed

## **Net2 v6.6 SR5 (14/07/2022)**

- New – The TextAnywhere service has now been updated. SMS notifications will now be received
- New – The LocalAPI can now be disabled via the Net2 Config Security Tab

## **Net2 v6.6 SR4 (25/05/2022)**

- Fixed – Logitech C920 webcam bug fixed and now operates with Net2
- Improvements – Security improvements
- Improvements – Add fingerprints button updated to show "Add Biometric"

## **Net2 v6.6 SR3 (13/04/2022)**

- Fixed – Exacq camera integration. Now shows the correct time. Video will be shown instead of still images
- Fixed – Time Zones fixed for Norwegian language
- Improvements – Security improvements

## **Net2 v6.6 SR2 (17/03/2022)**

- New – Secure mode. This restricts access to the server machine only
- Improvements – Security improvements

## **Net2 v6.6.111318.5174 (18/01/2022)**

- New – Support for Windows 11
- New – Support for Windows Server 2022 (standard only)
- Improvements – Minor user interface improvements when running Windows 11 or Server 2022
- Improvements – Minor security improvements

## **Net2 v6.6.11130.2638 (08/12/2021)**

- \*\*This release updates SQL from 2012 to 2017. Firewall & Anti-Virus rules may require importing the database following the update.

- Fixed - Net2-3271 – Resolves time zone error for Finnish language
- Fixed - Net2-3361 - GetUserById not returning DoorPermissionsed
- Removed - \*\*Windows server 2008 is no longer supported with this version\*\*
- Removed - \*\*Windows 7 is no longer supported with this version\*\*
- Removed - \*\* 32Bit versions of windows are no longer compatible.\*\*
- New - Firmware download support for V3 Net2 Plus
- Improvements - Nginx updated to 1.20.1
- Improvements - SDK/API - Automatically create the API licences folder
- Improvements - Database copy is now taken when updating installation

### **Net2 v6.05.10330.5472 (Service Release 2) (14/04/2021)**

- Fixed - IO Board toggle function not working
- Fixed - Net2Online fix - editing Public Bar TZ when Public Holiday
- Fixed - No user feedback when deleting in use time zones and access levels
- Fixed - Roll call report showing old outdated logo and font
- Fixed - Scroll button missing from lockdown summary
- Fixed - Timesheet not opening from start page
- Fixed - Webcam Capture not working with some cameras
- **Firmware Update - MK2 IO Boards**

### **6.05.9829.3313 (Service Release 1) (05/11/2020)**

- New - Milestone Upgrade
- Fixed -
- Fixed -
- Fixed - API - Creating Roll Call Results in Server Error 500
- Fixed - IO Board toggle function not working
- Fixed - Local API - Individual Permissions not retrieved if Advanced Permissions setting not present
- Fixed - Net2Online fix - editing Public Bar TZ when Public Holiday
- Fixed - No user feedback when deleting in use time zones and access levels
- Fixed - Reports on Net2 online or on the mobile app display as blank
- Fixed - Roll call report showing old outdated logo and font
- Fixed - Scroll button missing from lockdown summary
- Fixed - Timesheet not opening from start page
- Fixed - Update Nginx to 1.18.0
- Fixed - Webcam Capture not working with some cameras

### **6.05.9717.4442 (24/09/2020)**

- Improvements - Occupancy Management – User Override

- Improvements - Occupancy Management – Virtual Traffic Light
- Fixed - Local API - User not returned with events via SignalR
- Fixed - Timesheet – Booked Holiday Set to Zero
- Fixed - Timesheet/Automatic Alerts - Groups not working

#### **6.04.9502.5067 (07/07/2020)**

- New - Occupancy Management Control
- Fixed - Doors not appearing in reader definition tab

#### **6.03.9228.4969 (28/04/2020)**

- New - Access levels – full administration and control
- New - Advanced door control and status – open, close, hold open, hold open for time period, shows state of door, open, closed, held open etc.
- New - Event Filtering – filter by date, time, type, search criteria
- New - Lockdown – Activate and Deactivate only – configuration still required in Net2 desktop application via triggers & actions
- New - Timezones – full administration and control, includes ability to view custom days (custom day setup still required in desktop application)
- Fixed - Local API - Unable to add tokens to users where AntiPassbackUser is set to NULL
- Fixed - Net2 - Can manually add a door with the same serial number
- Fixed - Net2 - Unable to delete Operator - error 0x80040E2F - The delete Statement conflicted with a REFERENCE constraint
- Fixed - Net2Online - Cannot change PIN via Net2Online interface
- Fixed - Net2Online - Scanning muster point is not automatically updating roll call
- Fixed - Net2Online - SignalR event is not collecting/sending all relevant information
- Fixed - Net2Online - User not appearing correctly after search
- Fixed - Net2Online - User with Advanced Permissions cannot have changes made to their profile
- Fixed - SDK - MonitorACU - PINs with leading 0s do not return a user
- Fixed - Trigger and Action - Using temporary access on certain users will crash the Net2 Service
- Fixed - Unable to open Timeline from Client install
- Fixed - When changing a user's department, user is not removed from the list in the UI
- Fixed - When changing the name of userfield 12 the results for licenseplates doesn't add up.
- Fixed - When switching between a door without Intruder Alarm enabled to a door with Intruder Alarm enabled Net2 crashes

#### **6.02.9112.5589 (Service Release 3) (20/03/2020)**

- **Firmware Update - Paxlock Pro - Fixed - LED battery warning is flashing at voltages above 6V**

#### **6.02.9020.3129 (ServiceRelease 2) (21/02/2020)**

- Improvements - Telemetry: will now send data on first connection following upgrade rather than waiting until the 1st of the month.
- Improvements - Web API - Individual permissions: fixes to allow individual permissions to be assigned via the API.

- Fixed - LocalAPI - Help Pages showing the incorrect location for SignalR
- Fixed - LocalAPI - SignalR not working through SSL proxy
- Fixed - Missing translation for Telemetry check box
- Fixed - Token last used field in Unused tokens report shows event time for event not associated to current user

#### **6.02.8928.4090 (Service Release 1) (29/01/2020)**

- Fixed - Translation for tick box in GDPR screen.

#### **6.02.8927.3767 (28/01/2020)**

- New - Local Web API for integration partners
- New - Net2 Telemetry
- New - Net2Online Analytics
- Fixed - Affect relay actions not saved when a Trigger for "When a Fire Alarm goes off" is used
- Fixed - ANPR camera and Anti-Passback Issue
- Fixed - As a Supervisor Net2 Online isn't available in the dropdown menu, but it is available in the pop-up menu
- Fixed - Auto clockin unable to get list of Operators
- Fixed - Cannot add Multizone Intruder Alarm Partitions
- Fixed - Custom Weigand Rule Issue where more characters than the selected bit count are able to be populated
- Fixed - Deleting section on a timezone fails to update Door unlock
- Fixed - Door re-locks when held open for set time w/ open door wizard (door re-locking on door contact open/close)
- Fixed - Door reports with multiple doors can cause Net2 UI to crash/close
- Fixed - Drag and Drop doesn't update LastUpdated field
- Fixed - Merging a User doesn't delete the user and also retains their access level
- Fixed - Multizone Intruder Alarm - Net2 will crash o When there is a new location name added to the Multizone Intruder Integration screen using Options
- Fixed - Net2 - "Paxton console card print has stopped working error" - Card Printing
- Fixed - Net2 - Timed logical anti-passback - if a user has 2 token numbers assigned - anti pass back treats each token number separately not as a single user
- Fixed - Net2 - when clicking individual permissions and selecting use current template it will only allow you to repeatedly click "yes"
- Fixed - Net2 - When denied access for Anti-Passback using ANPR camera, relay 1 still fires.
- Fixed - Net2 events generates runtime error 0 when double right clicking on the events page break
- Fixed - Net2 Online - shows door opening through network instruction even when intruder alarm armed
- Fixed - Net2 Online - Unable to update antipassback or alarm access if advanced permissions are in use
- Fixed - Net2 Online Web UI - When adding a PIN via the Web UI you have to ability to add a PIN in the minus for example -304
- Fixed - Net2 Take a long while to load on new pro database
- Fixed - Net2Online Web UI menu incorrect when viewing options

- Fixed - Options under the "Go" menu not translated to Hungarian
- Fixed - Password over 20 chars give invalid password when opening card designer, timesheet and timeline outside of net2
- Fixed - Paxton Connect Admin - Open a door in toggle mode will not flash LEDs
- Fixed - Reader 2 greyed out when using alarm integration with Turnstile mode
- Fixed - Reader Definitions not sorted alphabetically
- Fixed - Remove cancel button from telemetry bar in latest Net2 Build 6.02.8714.4468
- Fixed - Roll call not being updated from Muster Points
- Fixed - Roll call report showing old outdated logo and font
- Fixed - SDK - CloseDoor function returns a "Door opened" event
- Fixed - SDK - Open door events return with SubAddress 11
- Fixed - SDK - Unable to retrieve custom access level with no access
- Fixed - SDK - UpdatedUserRecord with Advanced Permissions causes Current Validity to be lost if Access Level is null
- Fixed - SDK - UpdateUserRecord - Breaks Temporary Access
- Fixed - SDK - UpdateUserRecord - Users not expiring when alarmUserInd flag set to false
- Fixed - SDK call to query Timesheet data fails
- Fixed - Telemetry data not storing database size
- Fixed - TLS v1.0 (used by SQL Express 2012) has been identified as a security issue
- Fixed - Translation for tick box in GDPR screen.
- Fixed - Trigger & Actions Rule effecting Relay 2, causes Intruder alarm to mirror Relay 2 every time
- Fixed - Unable to delete departments with users who have Individual Permissions
- Fixed - Unable to print User cards
- Fixed - View Online Tutorials in Net2 software directs you to Paxton home page
- Fixed - When a controller is set for clock in/out i'm able to fire relay 1 for door open time via PCA
- Fixed - When exporting an Output Sample File CSV on Net2 Client, User gets "error:26 - Error Locating Server/Instance Specified"
- Fixed - When on V6.01.8526.6300 Client, The Card Designer will not load the UI for 30 Seconds or greater.
- Fixed - When running a "Who's in " report in PCA no users are shown
- **Firmware Update - Net2 Plus, Net2 Classic**

### **6.01.8616.3794 Service Release 3 (23/10/2019)**

- Fixed - Bug Net2 Paxlock - Usernames not displaying when in toggle mode.
- **Firmware Update - Net2 Paxlock Pro**

### **6.01.8526.6300 Service Release 2 (30/09/2019)**

- Improvements - Internet connectivity checks
- Fixed - Card Designer - Unable to print cards.
- Fixed - Unable to add image to site graphics
- Fixed - Unable to add image to user

- **Firmware Update - US Paxlock**

## **6.01.8319.4827 Service Release 1 (22/07/2019)**

- Fixed - Access LV not appearing in alphabetical order when setting up Landlord Tenants.
- Fixed - APB Events do not automatically appear
- Fixed - Blue bar obscuring view when logging in as Events Only Operator
- Fixed - Clock in / Clock out ACUs appearing under reader definitions
- Fixed - Crash when sorting door events report by token number if column contains empty values
- Fixed - CSV Data sample not importing correctly
- Fixed - Custom Operators - Able to delete Access Levels associated to Custom Operators
- Fixed - Delay in opening relay2 when using open door wizard.
- Fixed - Display reader LED's in OEM style does not save after updating Net2
- Fixed - Error displayed if deleting an area assigned as individual permissions
- Fixed - If registration server is unavailable, Net2 Online registration throws "site name in use" error instead
- Fixed - Image verification not working when using ANPR for entry
- Fixed - Incorrect event produced when using open door wizard
- Fixed - Incorrect trigger and action rules running for Paxlock Low Battery events
- Fixed - Installer information not fitting in designated box
- Fixed - Live Content not visible for any Operators in 5.04.6918, not just Custom Operators.
- Fixed - Most used door list in app should be in alphabetical order
- Fixed - Net2 - "Unlock Commissioning Mode" button in Access Control software does nothing.
- Fixed - Net2 - Able to use Open door on doors you don't have access to.
- Fixed - Net2 - Area reader definitions not populating
- Fixed - Net2 - Roll Call Printout Delay when printing to multiple printers (up to 90 seconds)
- Fixed - Net2 - Token Tab adding 0s to the start of token numbers causing confusion.
- Fixed - Net2 - User Search not returning all results after CSV import
- Fixed - Net2 Online - Able to register from client install even if Net2 online is in use.
- Fixed - Net2 Online - Can press tick to save new user multiple times and create multiple users
- Fixed - Net2 Online - Cannot log in with usernames that don't contain a first name
- Fixed - Net2 Services tab still exists in options. Clicking on it creates a runtime error and crashes the software
- Fixed - New Public Holidays Not Automatically Creating Timesheet Entries
- Fixed - No MX record for net2online.com
- Fixed - On Screen lock down status not updating after lock down is reset.
- Fixed - PaxLock Pro - New behaviour added; when handle held down and token presented, x3 RED LEDs and Net2 event returned "Cannot unlock: handle held during operation"
- Fixed - PaxLock Pro Low Power Mode option removed
- Fixed - Paxlock Pro not generating 'door closed' with 'timezone' event
- Fixed - Paxlock Pro unlocks in timezone even when set to "only unlock once a user has been granted access"

- Fixed - Paxton Connect Admin - Beta - Error message for Operator Landlord should be changed to invalid user
- Fixed - Paxton Connect Admin - Beta - When using the Open Doors off line, the apps shows the door as open (ie Green) even though it is not
- Fixed - SDK - Close door only closes relay 1
- Fixed - SDK - Door names that are longer than 50 characters breaks ViewEvents method
- Fixed - System engineer password can be set to blank
- Fixed - Test jig interface reports Hitag tokens incorrectly.
- Fixed - The Net2 server is sending auto heal messages unnecessarily when intruder alarm set
- Fixed - Timeline - Search function input not working correctly.
- Fixed - Translation issue - Door Alarms tab
- Fixed - Un-registering remote access and shutting down the Net2 server doesn't happen gracefully
- Fixed - Unable to add license plates with more than 8 characters.
- Fixed - Users Access permissions do not match Reports
- Fixed - When applying Advanced Permissions to a department if you want to set a custom date range to the temporary access level it does not visually populate the date you have selected
- Fixed - When changing the field name of "Car Registration", the Find User function still shows the column as "Car Registration" instead of what you have changed it too.
- Fixed - When running a "Who's in " report in PCA it still shows people in "outside world"
- **Firmware Update - Net2 Paxlock Pro**

#### **V6.01.8113.3421 (21/05/2019)**

- New - Net2Online – a new Web User interface for remote access to Net2 (Pro)
- Fixed - Branding - Old Logo in use on installer Splash screen.
- Fixed - Issue with security certificate in Paxton Connect Admin info link.
- Fixed - Multiple Events for open door.
- Fixed - Paxton Connect - Door list collapsing before reaching the end of the list. (Open Doors).
- Fixed - Paxton Connect - Lazy Loading Issue When Screen Resized.
- Fixed - Paxton Connect - Main page scrolls rather than roll call users.
- Fixed - Paxton Connect - Most Used Doors will not slide to open.
- Fixed - Paxton Connect - Roll call items not fitting on page.
- Fixed - Paxton Connect - Scrolling a long list of doors causes screen to go blank.
- Fixed - Paxton Connect - Services require a restart on registration.
- Fixed - Paxton Connect - Token field too far down user record.
- Fixed - Paxton Connect - User Admin - Unclear where to add a token number.
- Fixed - Script Error on Boot.
- Fixed - Unable to register for Net2 Online when using Hungarian software language.
- Fixed - When selecting "New database" on v6, you are still required to Deactivate the Net2 server (Net2 Anywhere).
- **Firmware Update - PaxLock Pro**

#### **V6.00.7619.6120 (Service Release 3) (04/03/2019)**

- Fixed - Connection issues with Net2Online

#### **V6.00.7508.3984 (Service Release 2) (08/11/2018)**

- Improvements - Branding update: Paxton triangle logos updated to reflect new solid green triangle
- Fixed - Registration for Net2 Online can cause runtime errors

#### **V6.00.7408.5056 (Service Release 1) (12/10/2018)**

- Fixed - Able to set the same date as two different Type of Custom days.
- Fixed - Adding duplicate Vehicle Number Plates
- Fixed - Config Utility - Auto Logout can interrupt database functions
- Fixed - Daily backup trying to save backups to C:\ even though the database has been installed on the D:\
- Fixed - Doors not in order in Access Levels
- Fixed - Emailing Reports show incorrect Date range
- Fixed - Empty / Null Surname or Firstname shows as "undefined"
- Fixed - Failed or problem Net2 online registration causes Net2 service to hang on restart.
- Fixed - High CPU Usage in CommsServerService
- Fixed - IEVO Issues - Fingerprints returning incorrect user, issues adding users/fingerprints.
- Fixed - Incorrect user reported for Intruder Alarm events
- Fixed - Intruder Alarm does not force door to lock during Door Open time
- Fixed - Net2 - Issues when creating/organising area groups.
- Fixed - Net2 - Unable to set a door for "No Access" under working hours access level
- Fixed - Net2 Config Closing automatically
- Fixed - Net2 Online - Read Only user can still change credential information and bar/DELETE user
- Fixed - PaxLocks failing to Migrate
- Fixed - Paxton Connect - Beta - Who's in Date/time Invalid
- Fixed - Paxton Connect - Beta - Edit button not working
- Fixed - Paxton Connect - Beta - When trying to log in with services stopped, there is no error message and unable to select the options shown.
- Fixed - Paxton Connect - Beta - When using the app and the services stop on the PC, a small white blank box comes up with no information.
- Fixed - Paxton Connect Admin - Beta - When editing the speed is slow
- Fixed - Paxton Connect Admin - Open door options appear on screen regardless of operator level.
- Fixed - Paxton Connect Admin - Phone number not appearing.
- Fixed - Possible to use Local Alarms from PaxLocks in Triggers and Actions, but not Nano
- Fixed - Relay bounce may generate multiple Net2 events
- Fixed - Reports not attaching to emails with South African OS
- Fixed - Runtime error 0 when trying to create area groups
- Fixed - SDK - UpdateUserRecord removes card template
- Fixed - SDK/API - Calling UpdateUser without providing a CardTemplate causes the template to be removed



- Fixed - Search issues - Paxton HQ - Error in Events
- Fixed - Sites are randomly denying access to users
- Fixed - When saving a "When a lost token is presented to a door" rule, it will show as "When a user clock's in" type
- **Firmware Update - Net2 Plus and Net2 Classic**

#### **V6.00.7215.6100 (16/08/2018)**

- Fixed - When accessing any users details on the app a pop up will display "an error has occurred".
- Fixed - When accessing the list of uses in the app the app will hang on the spinner icon.

#### **V6.00.7210.4155 Support for Paxton Connect Admin (13/08/2018)**

- New - Events - Live events are available to mobile operators via the app. Events are received in real time giving the operator a full overview of activity within the system. Events come with smart search functions to isolate and identify key events within the system.
- New - Home Screen - The Home Screen contains quick actions and shortcuts for tasks, such as adding a user or generating a roll call report
- New - Open a door - Send open door commands from a mobile device. Doors are opened via network commands rather than token representation, therefore trigger and action rules are not actioned from the device. Opening a door from the app does not add users to roll call reports.
- New - Options/App Settings - Management of sites and biometric authentication options.
- New - Reports - Default Net2 reports are available in the app. Custom reports are not available in the app.
- New - Roll Call - Generate new and view existing roll call reports. Full roll call management allows users to be marked as safe or missing by operators. Reports sync with multiple devices and lock changes to app operators. Reports created will be stored on the local device so reports can still function when the Net2 server is offline. View additional user information; last known location; image; contact number; calls can be made from the app for users with mobile numbers within their contact record.
- New - Site Registration - Registration for the Net2 Online service is performed within the options menu of the Net2 software. A site name and email address are the only requirements. Email notifications are sent to users registering for access to keep the apprised of progress
- New - Software Permissions - The app follows the same permissions model as Net2. The different levels of operator permissions will reflect the features the operator has access to within the app.
- New - User administration - Full administration of users within a Net2 system, including permissions, token assignation, PIN assignation, access rights and all available fields that are configurable within Net2

#### **V5.04.6918.5578 (Security update 2) (22/05/2018)**

- Improvements - Card Designer – Custom operators will not be able to view live data when using the Card Designer software as this data displays all users within the system. Card Designer may still be used to design card templates and associate these templates with users.
- Improvements - Viewing Events – A warning message will be displayed when selecting to view events as part of the custom operator permissions. Operators with view event capabilities, are able to view all events within the system. For sites with CCTV integration, this can mean that video footage can be viewed for events not associated with the tenant's permissions.

#### **V5.04.6818.4542 (Security update 1) (23/04/2018)**

- Fixed - Critical security update to login screen for Timeline and CardDesigner applications in line with GDPR regulations
- **Firmware Update - Paxlock firmware fix for EM4100 tokens and improved binding sequence**

#### **V5.04.6411.3802 (Service Release 3) (22/12/2017)**

- Improvements - Net2 PaxLock - New Event - Factory reset input stuck.
- Improvements - Net2 PaxLock - New Event - Hardware error, likely fault.
- Improvements - Net2 PaxLock - New Event - Hardware warning possible fault.
- Improvements - Net2 PaxLock - New Event - Onsecure-side handle stuck.
- Improvements - Net2 PaxLock - New Event - Secure-side handle stuck
- Fixed - "Token Administrator" cannot delete user records
- Fixed - Limit to how many numbers can be added for a SMS T&A
- Fixed - Runtime Error 13 when unticking Advanced Permissions in the config utility
- Fixed - SDK - Timezone IDs eventually exceed 64 causing them to stop working with ACUs
- Fixed - Time sheet information missing
- Fixed - Unable to delete departments
- Fixed - User Info report can show system users
- Fixed - Various translation in default password prompt cut off
- **Firmware Update - Net2 PaxLock**

#### **V5.04.6217.4336 (Service Release 2) (17/10/2017)**

- Fixed - We have identified a potential security issue and as a precaution you should upgrade

#### **V5.04.6216.3367 (Service Release 2) (16/10/2017)**

- Improvements - Security updates
- Fixed - "Only unlock the door once users has been granted access" option can display unticked even though option is active
- Fixed - "this user must obey anti-passback rules" unticked when users are imported by CSV
- Fixed - "Token last used" on user record doesn't update when switching records
- Fixed - Adding users via SDK with a valid from date prior to 1999 causes discrepancies
- Fixed - Applying changes made in User profile reverts back to user menu
- Fixed - Client Net2 server config utility functioning incorrectly.
- Fixed - Clocking In/Out events are not showing
- Fixed - CSV Example data range not clear
- Fixed - CSV Import In Japanese, Date From switches month and day upon import
- Fixed - Deleted areas remain in Anti-Passback
- Fixed - Door locks when making changes to Timezone.
- Fixed - Double clicking on an Event with 5000+ user doesn't bring up the user
- Fixed - Exclamation mark in Timesheet does not apply to date range.
- Fixed - First and Last events report showing Exit Button events
- Fixed - HTML Characters in fields cause issues with Roll Call email
- Fixed - I/O board - allocation of numbers to inputs and outputs
- Fixed - IEVO - Fingerprint failing to add on first attempt

- Fixed - Importing users with multiple token in the Old Format CSV will add multiple users when deleting existing users
- Fixed - Incorrect doors opening when completing a trigger and action early
- Fixed - Incorrect information displaying in access rights tabs
- Fixed - IO Board default input/output names not always shown in Triggers and Actions
- Fixed - Last Known Position doesn't update when areas partially set up
- Fixed - Missing event types in the SDK
- Fixed - MSXML v4.0 removed from Net2 installer
- Fixed - Net2 Entry monitor opens a door during lockdown
- Fixed - Net2 Nano closes after a minute following a Hold Open command
- Fixed - Non-existent USB Bridge spams comms log
- Fixed - Only unlock the door once a user has been granted not working with timezones starting with an "a"
- Fixed - PIN shows in Net2 UI if user is denied access.
- Fixed - Roll Call emails fail to send when triggering multiple fire alarms at once
- Fixed - SDK - Able to add 8 digit PINs in 4 digit PIN database
- Fixed - SDK - Able to add duplicate departments via the SDK
- Fixed - SDK - Adding a picture changes the add user requirements
- Fixed - SDK - Can add Custom Days in the past
- Fixed - SDK - Last known position not updating with AddEventRecord method
- Fixed - T&A Rule "Hold Door Open " does not affect Relay 2 if Fire is the trigger
- Fixed - Tenant is unable to delete users from his managed group/s
- Fixed - Text Anywhere does not work in the US
- Fixed - Timesheet - On Holiday "Hours worked" reverts to 00:00:00
- Fixed - Timezone dropdown active in Access Rights tab incorrectly
- Fixed - Token number missing when denied access due to anti-passback
- Fixed - Translation issues on pro activation page
- Fixed - Unable to add Users - Hungarian OS
- Fixed - Unable to detect and configure IO boards with "&" character in name
- Fixed - Unable to open door using a Site Graphic when using a User with System engineer rights (non-UK)
- Fixed - Unable to open doors using open door button using Supervisor operator rights (non-UK)
- Fixed - Unable to select "only unlock door when user granted access" on Danish OS
- Fixed - Unticking features doesn't always result in the loss of feature's settings.
- **Firmware Update - Net2 Plus and Net2 Classic**

#### **V5.04.5808.4548 (Service Release 1) (30/06/2017)**

- Fixed - KB2549 - Roll Call emails failing to send with Webmail (e.g. Gmail) settings
- Fixed - Arabic language displaying usernames incorrectly under events
- Fixed - Areas outside of groups not listed alphabetically in Area Groups tab
- Fixed - Automatic Roll call printing random door name rather than area name

- Fixed - Can not add more than one instance of a OEM DVR SDK camera server in Net2
- Fixed - Cancelling fingerprints leaves the fingerprint on the iEvo readers
- Fixed - Columns missing from CSV export
- Fixed - CSV - Exporting multi-line notes
- Fixed - CSV - Importing PIN with leading zeros causes issues
- Fixed - Custom days set to recur are deleted after the day and don't recur.
- Fixed - Deleting I/O board causes Net2 server to crash.
- Fixed - Demo - Doors showing offline
- Fixed - Door missing from Open Door Wizard with custom access levels
- Fixed - Double clicking on a user event in the events screen doesn't bring up the user details for some users
- Fixed - Emailing Reports show incorrect Date range
- Fixed - Error when importing a CSV from a client install
- Fixed - Events Filtering - "Select dates" remains active when deselected
- Fixed - Exported Unused Tokens report incorrectly showing tokens that have been used
- Fixed - Go Menu Issues
- Fixed - Hold a door open Trigger and action doesn't hold the Nano open.
- Fixed - iEvo reader stops working with mixed Wiegand settings applied
- Fixed - Image Verification locks up.
- Fixed - Incorrect alarm disarm details.
- Fixed - Incorrect spelling in config utility
- Fixed - Incorrect user reported for Intruder Alarm events
- Fixed - Incorrect wording for new folder selection for HTML reports location
- Fixed - IO Boards stop functioning after service restart
- Fixed - IO boards stop responding to Triggers and Actions daily but still work on the network.
- Fixed - Japanese translation errors.
- Fixed - Net2 crashes when creating or deleting Area Groups
- Fixed - No TaskBar icon for "Server Browser" or Config Utility Login window
- Fixed - No user modified event when using drag & drop
- Fixed - PaxLock - Toggle event displays "System Engineer" not the user who toggled the door
- Fixed - PaxLocks/EasyProx Nanos have no default setting in "Timed operating modes" causing issues in SDK
- Fixed - PINs showing on "Unused Token" report
- Fixed - Reader names reverting to default
- Fixed - Reports - "(none)" department doesn't react as a department
- Fixed - Save User Details issues
- Fixed - SDK - AcknowledgeAlarm/s calls behave unexpectedly with Silence Alarm
- Fixed - SDK - AddACU() returns false when adding to a door group
- Fixed - SDK - Adding and Removing PINs doesn't affect the cards table correctly
- Fixed - SDK - Adding wireless devices via AddACU() returns false incorrectly

- Fixed - SDK - AddReportToReportGroup method fails
- Fixed - SDK - Help Documentation needs updating
- Fixed - SDK - Import Methods do not import the First name
- Fixed - SDK - OEMClient operator can't call ControlDoorEx
- Fixed - SDK - OpenDoor command does not return a "Door opened" event
- Fixed - SDK - Typo in ResetUserAPB
- Fixed - T&A Rules to hold doors open ignore lockdown status
- Fixed - Timesheet entries are inconsistent
- Fixed - Token admin can delete departments, but not add them.
- Fixed - Token administrator can add a department via user record
- Fixed - Trigger and actions not running after Net2 Service restarts.
- Fixed - Unable to delete Landlord Tenant permission
- Fixed - Unable to use Image verification on Client PC
- Fixed - Unlock door for specific time, relocks if valid token is presented
- Fixed - Users cut off Roll Call page when printed
- Fixed - VIP DVR - Net2 only checks the default install location for 3rd party camera integration
- Fixed - When intruder alarm armed, reader still flashes green on open door command
- Fixed - XPS Document Printing saving requires 2 attempts
- **Firmware Update - Net2 Plus and Net2 Classic**

#### **V5.04.5612.5750 (18/04/2017)**

- New - Ability to disable Alarm events
- New - Advance date/time facility in reports
- New - Data protection settings
- New - Optional Strong Password setting for Operators
- New - Report filter for door events
- New - Report on Access
- Improvements - Custom days date ranges
- Improvements - Demo software update
- Improvements - Disabled unused double tap events
- Improvements - Updates to Net2 Entry Trigger and Action rules
- Fixed - KB2581 - Net2 Not Archiving
- Fixed - KB2582 - Unable to print report in Turkish Language
- Fixed - KB2583 - ACUs offline with a Norwegian OS
- Fixed - KB2584 - Revert to Mode 1 issues
- Fixed - KB2585 - Triggers and Actions - "Until this time" option cut off in Temp Access
- Fixed - Timesheet opens a broken UI when logging out

#### **V5.03.5214.4513 (Service Release 6) (16/12/2016)**

- Fixed - KB2035 - Unable to edit user details- German OS

- Fixed - KB2396 – Reader 2 active when using turnstile mode with anti-passback
- Fixed - KB2424 – Token number missing from ANPR
- Fixed - KB2458 – Unable to set a delay when a local alarm occurs or when an exit button is pressed
- Fixed - KB2525 – Cannot delete Areas
- Fixed - KB2527 – Open reports don't update with new settings until re-opened
- Fixed - KB2533 – Triggers and Actions rule does not run when Relay is set to toggle
- Fixed - "Name in use" error when changing capitalisation of Area names before apply
- Fixed - An existing iEvo fingerprint will be deleted if you click "No" when print already assigned message displayed.
- Fixed - Auto Clock In application updates Recent Hosts
- Fixed - Changing a user's department causes crash
- Fixed - CSV export requires option to use old format
- Fixed - Delay not saving on various Triggers
- Fixed - Following upgrade doors not responding and showing firmware updating
- Fixed - iEvo - Fingerprints not going past the enrolment reader (Error -102)
- Fixed - IO Board - Inputs do not transfer correctly when replacing an IO Board
- Fixed - Net2 Anywhere - User App does not allow changes to be saved
- Fixed - Open Door commands ignore Lockdown Status
- Fixed - Reader definitions disappear
- Fixed - Renaming users does not update treeview.
- Fixed - SDK - AcknowledgeAlarm/s calls cause exception to be raised / does not work
- Fixed - SDK - Deleting custom days within SDK not working reliably
- Fixed - SDK - InitiateLockdown / EndLockdown calls incorrectly check the local database for lockdown configuration
- Fixed - SDK - ResetUserAPB(userId) doesn't work
- Fixed - SDK - Updating Timezone names also removes the Timeslots
- Fixed - Timesheet - Clock out over midnight CheckBox always checked when opening software regardless of setting
- Fixed - Trigger and Action Rule running when it should not when Custom Day set
- Fixed - Turnstile Mode not available in Lockdown Trigger and Action
- Fixed - Unable to delete ACUs from doors list
- Fixed - Unable to save Public Holidays/Custom Days
- Fixed - Updated vulnerable Net2 component: Flexcell
- Fixed - Users/Timezones added via SDK cannot be viewed without Net2 crashing.
- Fixed - Wrong port indicated.
- **Firmware Update - Net2 PaxLock**

### **V5.03.4928.5995 (Service Release 5) (10/10/2016)**

- Fixed - KB2189 - Disarm intruder alarm event shows the last user through the door.
- Fixed - KB2296 - Custom reports timing out when no fragmentation
- Fixed - KB2363 - Trigger and Action fails to send "First and Last Events" report

- Fixed - KB2390 - Reader operating mode changes itself from token only to token & PIN
- Fixed - KB2446 - Next page button missing from Access rights tab
- Fixed - KB2459 - Last event of day populating with first event of next day
- Fixed - KB2474 - Doors section unstable
- Fixed - KB2475 - Timesheet clock out over midnight rule not running since upgrading to SR4
- Fixed - KB2490 - Old Format CSVs not importing
- Fixed - KB2497 - Bell button does not fire relay 2 on Net2 plus when intruder alarm enabled.
- Fixed - KB2503 - Unable to export CSV
- Fixed - KB2514 - Timesheet events intermittently not populating in Timesheet
- Fixed - Adding fingerprint in Net2 does not send to other iEvo readers
- Fixed - Adding the same fingerprint multiple times creates more templates.
- Fixed - Camera Integration tab greys out with PaxLocks
- Fixed - Changing Relay 2 mirrors setting does not enable Apply button
- Fixed - Changing to 8-digit pin mode prevents codes from functioning correctly.
- Fixed - Connecting to non-existent camera server has no timeout
- Fixed - CSV - Importing Advanced Permissions does not update Current Validity
- Fixed - CSV - Individual Permissions not importing unless access level also present using Advanced Permissions
- Fixed - CSV - Unable to import a CSV when using a Japanese OS
- Fixed - CSV - Various Import Issues
- Fixed - Disarm events do not show username on standard intruder alarm integration
- Fixed - Events archiving feature is not working
- Fixed - Export to CSV does not work from client connection
- Fixed - iEvo Rev3 boards not allowing more than 8000 fingerprints
- Fixed - Intermittently unable to acknowledge alarms
- Fixed - Keypad Doorbell does not fire relay 2 when ACU set to toggle relay 1
- Fixed - Landlord/tenant limited operator able to delete restricted access levels.
- Fixed - Log Collector - "Include SQL Install Logs" option working in reverse
- Fixed - Missing Clock In/Out Events
- Fixed - PINs marked as lost if "Delete existing users..." not selected during CSV import
- Fixed - SDK - Cannot add departments via SDK
- Fixed - SDK - Event details field data not returned if where clause provided
- Fixed - SDK - System Engineer SDK rights lost after service restart
- Fixed - SDK - Various calls do not work on remote connections
- Fixed - Unable to add new fingerprints via Net2
- Fixed - Unable to add/edit/delete Areas due to reserved XML Characters being used
- Fixed - Unable to scroll in Access Levels with Read Only access
- Fixed - User changes areas when they have not broken door contacts.
- Fixed - Username blank when send email action from intruder alarm disarm trigger
- **Firmware Update - Net2 Plus and Net2 Classic**

#### **v5.03.4427.3364 (Service Release 4) (17/05/2016)**

- New - SDK Advanced Permissions support
- Improvements - CSV import functionality reworked
- Fixed - KB2151 – USB Desktop Reader not working
- Fixed - KB2206 – Large CSV import error
- Fixed - KB2245 – Users incorrectly clocked out at midnight
- Fixed - KB2353 – Roll call email missing site details
- Fixed - KB2355 – Unable to reimport CSV
- Fixed - KB2356 – Expiration and Valid from dates failing to apply correctly
- Fixed - KB2386 – Error when running Custom report
- Fixed - KB2391 – Letter “L” missing from number plate after import via CSV
- Fixed - KB2392 – Unable to view all pages of report
- Fixed - KB2393 – iEvo high User ID causes denied access
- Fixed - KB2423 – Anti-pass back causing CommsServerService to crash
- Fixed - KB2426 – When attempting to disarm alarm relay 2 does not fire
- Fixed - KB2443 – Unable to view events via Net2 Anywhere
- Fixed - Access levels not assigned when importing CSV when using Advanced Permissions
- Fixed - Anti-pass back ignored using T&A and temp access
- Fixed - Batch import of users in SDK does not work
- Fixed - Details field not populating in SDK MonitorAcu callback
- Fixed - Server crash after nightly backup
- Fixed - Software crash when using site graphics
- Fixed - Some special characters export/import incorrectly via CSV
- Fixed - User name not displayed in Events when PIN starts with 0
- Fixed - Various CSV import errors
- Removed - Net2 Anywhere Registration
- **Firmware Update - Net2 Plus**

#### **v5.03.4114.4205 (Service Release 3) (03/03/2016)**

- New - HID support for PaxLock US
- Fixed - KB2429 - When using Advance Permissions with multiple Access Levels, the bar user function only removes the first Access Level
- **Firmware Update - Net2 PaxLock US**

#### **v5.03.4008.6211 (Service Release 2) (17/12/2015)**

- New - Support for Windows 10
- Fixed - KB1775 - Timesheet events not populating
- Fixed - KB1783 - iEvo - Deleting finger prints from Net2 does not delete the fingerprint from iEvo
- Fixed - KB1890 - Monitored maglocks on v2 plus produce Door forced event
- Fixed - KB2025 - Green LED only displayed on one reader during timezone on turnstile



- Fixed - KB2138 - Adding user to iEvo via Net2 client sluggish
- Fixed - KB2209 - iEvo - Adding/Deleting multiple fingerprints fails to update correctly
- Fixed - KB2238 - Print of Roll Call report with page breaks is capped
- Fixed - KB2242 - PC 12 hour time format affects Lockout duration
- Fixed - KB2243 - User Image Verification fails to unlock Relay 2
- Fixed - KB2252 - Open door button fires relay 2 instead of relay 1
- Fixed - KB2289 - iEvo - Intermittent access for users added via a Rev4 iEvo reader
- Fixed - KB2296 - Running custom reports causes timeout error (awaiting confirmation)
- Fixed - KB2316 - PaxLock failing to return events
- Fixed - Access Permitted/Denied event recorded when Intruder Alarm remains armed
- Fixed - Access rights tab is not populated
- Fixed - Arming the intruder alarm whilst a door is held open does not shut the door
- Fixed - Change to "Reader definitions code improvements"
- Fixed - Closing the new user page after adding a fingerprint saves the user but does not save the fingerprint
- Fixed - Custom Report data fragmentation issue (awaiting confirmation)
- Fixed - De-selected nodes reset firmware version
- Fixed - Deleting a user record does not delete the token from the reader
- Fixed - DM EcoSense DVR footage not showing via Net2
- Fixed - Door group properties allow you to incorrectly assign toggle mode
- Fixed - Door open time duration is not clear
- Fixed - iEvo - Deleting department containing users will not remove fingerprints from iEvo readers
- Fixed - iEvo - Deleting/adding a user only propagates to one of two iEvo readers
- Fixed - iEvo - Desktop reader stops working once you save fingerprint
- Fixed - iEvo - Fingerprint enrolled via Net2 is missing from Net2 templates
- Fixed - iEvo - Fingerprint image does not come up
- Fixed - iEvo - Fingerprint reader takes a long time to light up when adding fingerprint
- Fixed - iEvo - Inconsistent fingerprint scanning
- Fixed - iEvo - Incorrect spelling of "successfully" during fingerprint enrolment
- Fixed - iEvo - New USB iEvo desktop reader does not work with Net2
- Fixed - iEvo - Unable to enrol iEvo fingerprints- site specific (awaiting confirmation)
- Fixed - iEvo - Will save fingerprint after first image
- Fixed - Number plate marked as lost when added through Net2 Anywhere and SDK
- Fixed - PIN number no longer returned in SDK events card number field
- Fixed - Purge user function not working
- Fixed - Unable to run reports with advanced option selected
- **Firmware Update - Net2 Plus and Net2 Classic**

**v5.03.3529.7733 (Service Release 1) (30/07/2015)**

- Fixed - We have identified a potential security issue and as a precaution you should upgrade to v5.03 service release

### **v5.03.3503.5214 (Service Release 1) (09/07/2015)**

- Improvements - KB 1850 - Automatic roll call failing- events database fragmentation
- Improvements - Benelux - Translation table update
- Improvements - Double tap trigger
- Improvements - Fire alarm automatic reset doesn't work with exit button input
- Improvements - PaxLock/Easyprox update cycle
- Improvements - Reinstate screen displays firmware version number
- Improvements - SSL for Net2 Access control Emails
- Improvements - Time outs for triggers and actions
- Improvements - Wireless channel changing for Easyprox and Net2 Nano
- Fixed - KB 1629 - Opening door via monitor only opens relay 1
- Fixed - KB 1838 - Door relock, Gone low event description showing in events
- Fixed - KB 1856 - Clicking to the right of a day in timezones applies a 1 minute timezone
- Fixed - KB 1886 - WAV file will play continuously instead of twice
- Fixed - KB 1934 - Intruder alarm partitions are incorrectly limited
- Fixed - KB 2013 - Net2 Entry temporary access rule doesn't run
- Fixed - KB 2015 - Japanese translation issues
- Fixed - KB 2019 - Changes to ACU/reader settings revert custom Access Levels to "At No Time"
- Fixed - KB 2034 - Deactivating lockdown makes ACU go off-line
- Fixed - KB 2035 - Cannot save user detail changes
- Fixed - KB 2036 - Adding a sickness entry with 00 hours causes an error "no IN time"
- Fixed - KB 2039 - Bar Token after 3 Invalid PIN entries, non-functional under Timed Operation
- Fixed - KB 2048 - Users icon incorrect and cant be opened
- Fixed - KB 2089 - Double Tap triggered from any repeated token presentation. Access Denied/Desktop reader etc.
- Fixed - KB 2090 - Automatic roll call incorrectly spaced
- Fixed - KB 2091 - Card Template assignment via Dept. properties fails
- Fixed - KB 2092 - Departments not listed alphabetically in the add user screen
- Fixed - KB 2093 - Printing different door's Access rights" page will result in same door rights being printed
- Fixed - KB 2094 - Lost token doesn't activate trigger and action "when a user is denied access" at a specific ACU
- Fixed - KB 2095 - T&A, Timezone becomes active fails with Custom Day
- Fixed - KB 2104 - Timesheet - New Employee Holiday adjustment incorrect
- Fixed - KB 2105 - .CSV Import missing first name breaks Find User functionality
- Fixed - KB 2106 - Issue creating new Advanced Access Levels
- Fixed - KB 2111 - Anti-Passback based on cards instead of users
- Fixed - KB 2117 - Incorrect Card Template returned during printing - Add User Screen Only

- Fixed - KB 2120 - Exit button activation differs between Plus and Classic in Alarm Armed status
- Fixed - KB 2121 - Timesheet summary does not reflect clocked in/out status
- Fixed - KB 2123 - Automatic roll call doesn't display area group correctly
- Fixed - KB 2124 - Failing to delete department
- Fixed - KB 2139 - Triggers and Actions prevent event page from populating
- Fixed - KB 2149 - Firmware type showing in English instead of foreign language
- Fixed - KB 2166 - Unlock door during setting changes timezones for access levels
- Fixed - KB 2168 - Find User not working when Dept treeview disabled
- Fixed - KB 2170 - ACU Online TA rule causes Net2 crash
- Fixed - KB 2173 - Editing Landlord Tenant permissions reverts back to default template
- Fixed - KB 2174 - Events screen hangs during refresh (5 mins+)
- Fixed - KB 2179 - T&A rule fails to Open Door on delay - Time Out
- Fixed - KB 2180 - .CSV import fails if file contains single user with multiple cards
- Fixed - KB 2185 - Unable to import a CSV which includes lost token/s
- Fixed - KB 2186 - Unable to redetect a deleted camera
- Fixed - KB 2187 - Timesheet summary not updating correctly/realtime
- Fixed - KB 2188 - Net2 crashes if the set time (in temporary access) is achieved
- Fixed - KB 2203 - Date missing from Date/time column in WhosIn.html
- Fixed - KB 2205 - Unable to replace ACU
- Fixed - KB 2244 - UI hangs\crashes during "Create New User" attempt
- Fixed - KB 2291 - Bar user gives full access
- Fixed - KB 2297 - T&A setup can cause all doors to open if finished prematurely
- Fixed - "Set time period" for temporary access level always shows 01:00 in the UI
- Fixed - 50k users message should include PaxLocks
- Fixed - ACU goes offline when intruder alarm is armed/disarmed
- Fixed - ACUs offline and cannot add new ACUs
- Fixed - Alarm icon remains after alarm has been acknowledged in events
- Fixed - Anti passback and toggle
- Fixed - Cannot delete US Paxlocks via tree menu
- Fixed - Cannot delete access level
- Fixed - Client upgrade removes server
- Fixed - dbBackgroundTask failing to clear down
- Fixed - Deleting Department with many users locks UI
- Fixed - Deleting User Record fails to update to wireless devices
- Fixed - Door not unlocking via T&A after alarm disarmed
- Fixed - Door open time update
- Fixed - Events page not showing new/ current events
- Fixed - Events search is not working and is crashing
- Fixed - Events window failing to auto-refresh

- Fixed - General tab keeps adding items to Polling interleave period combobox
- Fixed - I/O board details lost during subsequent detections
- Fixed - I/O Board details returning incorrect item total
- Fixed - Importing VCF user creates blank access level entry
- Fixed - Intruder alarm - Open door on 3rd attempt correction
- Fixed - Intruder alarm - relay fails to operate in toggle mode
- Fixed - Japanese translation updates
- Fixed - Last known position is not upgrading correctly
- Fixed - Local alarm output failing to fire after "Door Left Open" alarm state triggered
- Fixed - Lock down trigger and action not functioning
- Fixed - Missing users from Access rights tab
- Fixed - Nano tabs behaving incorrectly
- Fixed - Net2 Client - Roll Call Printer Options available
- Fixed - Net2 crash after triggers and actions rule is run to provide access through a door
- Fixed - Net2 crash during manual alteration of "Door Open Time" in T&A setup
- Fixed - Net2 crash upon viewing a user in a large database
- Fixed - Net2 Entry panel reader fails reader autoconfiguration
- Fixed - Net2 stops responding when acknowledging alarms
- Fixed - New format button showing on Reader 2 tab only
- Fixed - No Event recorded for Merge User
- Fixed - On screen Reset Lockdown button not appearing
- Fixed - Open Door wizard icons needs improvement
- Fixed - Operators incorrectly allowed access to Options
- Fixed - PaxLock shows as on-line with bridge off-line
- Fixed - Paxton website not working as expected when opened within Net2
- Fixed - Permitted Pro features in Lite - incorrect graphics
- Fixed - Relay 1 toggle functions incorrectly when the ACU is intruder alarm armed
- Fixed - Relay 2 turns off if Relay 1 unlock time elapses
- Fixed - Removing "Timed Operating Mode" via Door Group properties fails
- Fixed - Renaming a door in main doors screen doesn't allow punctuation
- Fixed - Reset Lockdown button only appears when onscreen activate button used.
- Fixed - Roll Call report failing to populate
- Fixed - Roll Call reports can be created with excessive date ranges
- Fixed - Start screen advertising frames constantly resizing
- Fixed - The "When a token is presented to a door" trigger does not work correctly when used with an alarm armed ACU
- Fixed - The OpenDoorEX command in Net2 fails to receive the door opened event
- Fixed - Timesheet server browser not functioning
- Fixed - Timezone, Custom Days tab - UI refresh issue
- Fixed - Unable to communicate with ACUs

- Fixed - Unable to import CSV without headers
- Fixed - Unable to save T&A rule with specific .WAV file
- Fixed - US Paxlocks do not appear in readers list when creating a Report
- Fixed - Version showing as 5.2 instead of 5.02
- Fixed - When alarm armed/disarmed with token + PIN the ACU goes on and off-line
- Fixed - Wireless ACUs not showing in Reader definitions
- **Firmware Update - Net2 PaxLock Mifare, Net2 Plus and Net2 Classic**

#### **v5.03.2818.3674 (16/01/2015)**

- New - Net2 PaxLock US support
- Fixed - KB 2003 - Keypad Doorbell function activates Relay 2 in Turnstile mode
- Fixed - KB 2009 - Lite "missing" features for Export markets
- Fixed - KB 2027 - In and Out readers fire relay 1 when using turnstile mode with Keypads in "Code only" setting
- Fixed - Oem DVR SDK apps fail to display the first camera
- Fixed - Unable to edit access level
- **Firmware Update - Net2 PaxLock US, Net2 Plus and Net2 Classic**

#### **v5.02.2525.4988 (Service Release 1) (24/09/2014)**

- Fixed - We have identified a potential security issue and as a precaution you should upgrade to v5.02 service release

#### **v5.02.2516.5853 (23/09/2014)**

- Improvements - Copy Data now allowed for Access rights tab in user and door pages
- Improvements - CSV import functionality
- Improvements - Manually adding a device now allows a name to be added alongside a serial number
- Improvements - Reduced confusion in firmware numbering by providing a firmware status
- Fixed - KB 1252 - Replace ACU fails to update Triggers and Actions
- Fixed - KB 1644 - Net2 Anywhere requires the users full name (inc. middle name) to login
- Fixed - KB 1712 - Printing multiple copies of any reports manually will fail
- Fixed - KB 1732 - Timeline "Go to Start" not working
- Fixed - KB 1785 - Current validity does not change if you add a new ACU when using advanced permissions and individual access levels
- Fixed - KB 1830 - Dutch department names are sometimes incorrectly added
- Fixed - KB 1836 - "Only unlock the door..." stops "Unlock relay 2..." from working
- Fixed - KB 1847 - Unable to Activate Net2 Software with new Installer Key
- Fixed - KB 1852 - Net2 Plus V1 firmware upgrade
- Fixed - KB 1868 - Unable to import VCF file in Net2
- Fixed - KB 1871 - Clicking open door whilst on reader 2 page opens relay 2 instead of relay 1
- Fixed - KB 1881 - Changing printer in Card Designer on the server machine overwrites client setup
- Fixed - KB 1900 - Custom wiegand 26 bit functions as 50 bit wiegand

- Fixed - KB 1902 - Timesheet settings not synchronized between client/server
- Fixed - KB 1903 - Upgrade to Pro failing with SQL error 1
- Fixed - KB 1904 - Texecom/Multizone Intruder events not reporting correctly
- Fixed - KB 1914 - Advanced report generation fails if timezone runs across two days
- Fixed - KB 1922 - A solitary clock out time will not be recorded in timesheet
- Fixed - KB 1931 - Timesheet holiday report does not show users after printing
- Fixed - KB 1934 - Large amounts of Intruder Alarm partitions exceeds max value length
- Fixed - KB 1936 - Events filter not correctly applied to Exit button events
- Fixed - KB 1954 - I/O Input name not showing
- Fixed - KB 1955 - Clock In/Out readers incompatible with triggers
- Fixed - KB 1965 - Trigger and Action, when timezone becomes active does not work in public holiday
- Fixed - KB 1966 - Individual Permissions failing to update
- Fixed - KB 1967 - Net2 v5.xx installation fails due to incorrectly configured registry value
- Fixed - KB 1970 - Reader inactive operating mode while intruder alarm active not working
- Fixed - KB 1971 - Token Administrator unable to delete user record
- Fixed - KB 1973 - Whos In Report - empty when Areas not configured
- Fixed - KB 2000 - ANPR access denied events interrupt dataline communications
- Fixed - KB 2001 - Current Validity tab on a users page cannot be scrolled
- Fixed - KB 2002 - Unable to use scroll wheel in Open Door Wizard
- Fixed - KB 2005 - Net2 UI Whos In report shows users older than 18 hours
- Fixed - KB 2006 - Incorrect characters displayed when report is e-mailed instead of Czech characters
- Fixed - KB 2010 - User treeview name display format reversed when placed inside Department
- Fixed - KB 2024 - iEVO does not work on Net2 client
- Fixed - KB 2026 - E-mailed custom report is blank
- Fixed - KB 2035 - Problems adding/editing user records
- Fixed - KB 2129 - Custom operator panoptic privileges
- Fixed - KB 216 - Door Open Time set to 0 secs
- Fixed - 50K users in single Dept causes Net2 UI freeze
- Fixed - ACU name fails to reflect input during manual add
- Fixed - Adding a token type template can cause expiry date to end before start date
- Fixed - After deleting/replacing an ACU, the old events were not deleted/copied to the new ACU
- Fixed - Applied tab becomes default opening screen
- Fixed - Assigning temp access to large amounts of users locks up UI
- Fixed - Attempting to create new report crashes Net2
- Fixed - Auto Clock In - Failure to record Clock In
- Fixed - Bar Token after 3 Invalid PIN entries displayed for ACU in "Code only" operation
- Fixed - Bar token after 3 invalid PINs displays in DTR mode
- Fixed - Benelux - Acknowledge Alarms text overlaps
- Fixed - Benelux - Door Group label translation failure

- Fixed - Can add ACUs manually with no serial number and crash the server
- Fixed - Cannot connect to server v5.01 and v5.02
- Fixed - Cannot delete last Automatic Alert
- Fixed - Cannot delete only digit in door open time Net2 nano
- Fixed - Cannot delete user or remove access level
- Fixed - Changing a Departments access level takes a very long time to update
- Fixed - Changing a users department causes error
- Fixed - Changing custom Wiegand rule requires manual reinstate
- Fixed - Changing username does not update Net2 Anywhere operator
- Fixed - Changing week start requires server restart
- Fixed - Changing Wiegand format in the Net server configuration utility reinstates PaxLocks and Easyprox
- Fixed - Check free disk space on install
- Fixed - Checking database status continuous messages
- Fixed - Clocked In total incorrect
- Fixed - Conf. Utility - Enable Server Browsing option fails to remain checked
- Fixed - Conf. Utility - General tab displays no information - Type Mismatch Error returned
- Fixed - Crash when adding Advanced Permissions
- Fixed - CSV import fails due to deadlock process (Nano ACU)
- Fixed - Custom Days - Error (0) if "Recurring" not selected
- Fixed - Custom report can exceed A4 width affecting prints
- Fixed - Days not worked showing current worked hours
- Fixed - Display firmware status rather than version number
- Fixed - Door Open Time buttons not working
- Fixed - Dragging access levels when using advanced permissions
- Fixed - Email is not always generated from Trigger and Action rule
- Fixed - Email Roll Call feature results in duplicate reports
- Fixed - Error (0) produced when exceeding max Custom Day types
- Fixed - Error when creating or editing timezone
- Fixed - Error when saving card template
- Fixed - Event filtering incorrect with date and time range
- Fixed - Event window failing to auto-refresh and displaying undefined N2E events
- Fixed - Events lost when ACU off-line and firmware reinstate pending
- Fixed - Events Only Operator able to "Add Entry" in Timesheet
- Fixed - Extend copy functionality in UI
- Fixed - Fingerprint scan can stop responding when you use red X close
- Fixed - Firmware Manifest contains incorrect Rev2 version
- Fixed - HTML pages do not refresh
- Fixed - Import doesn't update ACU correctly
- Fixed - Import v4.28 database into v5.02.xxx results in services failing to start correctly

- Fixed - Improve events for Run immediately trigger
- Fixed - Improve Trigger and Action event for turning on relay 2
- Fixed - Intruder Alarm Arm events missing Username
- Fixed - Last known position is not updated when access permitted without token only event created
- Fixed - Legacy Intruder "Alarm" Status incorrect
- Fixed - Lockdown generates 2 events for each affected door
- Fixed - Long delay printing card template
- Fixed - Manually added clock in does not show on clocked in report
- Fixed - Menu shortcuts still operate in Read Only mode
- Fixed - Messages preventing scheduled wake-ups etc. from being processed
- Fixed - Muster reader selection not saving
- Fixed - Net UI crash from Door selection
- Fixed - Net2 Anywhere creates error when clicking on users
- Fixed - Net2 Anywhere error appearing trying to add Net2 Anywhere apps to a user
- Fixed - Net2 Anywhere intermittently connecting to the wrong site
- Fixed - Net2 Anywhere stays connected after new database created
- Fixed - Net2 Anywhere time-outs
- Fixed - Net2 Card Designer field customisation
- Fixed - Net2 Operators unique ID for Net2Anywhere can change causing failed updates to an operators details
- Fixed - Net2 Plus with 409 firmware do not upgrade correctly if interrupted
- Fixed - Net2 sites can be spoofed at Net2 Anywhere
- Fixed - Net2 UI does not close correctly via Net2 server configuration utility
- Fixed - Net2 version number does not show in Net2 UI (Turkish OS)
- Fixed - New card template requires a Net2 UI restart to show in token tab
- Fixed - No translation available in table (Dutch)
- Fixed - OEM client can take a very long time to update superficial changes to large amounts of users
- Fixed - OEM Delete Card causing error
- Fixed - Operators have incorrect access to Open doors
- Fixed - Options in Timesheet not working
- Fixed - PaxLock defaults to 7 seconds door open time
- Fixed - PaxLocks showing offline in lower power mode
- Fixed - Pins and codes visible in events
- Fixed - Reader definitions not sorted alphabetically
- Fixed - Refresh interval can contain letters
- Fixed - Removed Test and Silence buttons from Alarms Tab
- Fixed - Rename custom days is unclear
- Fixed - Restarting server creates access permitted event
- Fixed - Roll Call does not populate if in the Roll Call screen
- Fixed - SDK creates a double entry when creating clocking in entries



- Fixed - Selected dates default to 2003
- Fixed - Server crashed during firmware update failure
- Fixed - Standard operators no longer have access to Site Graphics
- Fixed - System Engineer operator rights can be edited
- Fixed - Temporary Access fails to enabled Revoke button
- Fixed - Test email function does not reflect custom port selection
- Fixed - Timesheet allows duplicate entries
- Fixed - Timesheet Only can view other users and make manual entries
- Fixed - Timesheet view button shows incorrectly.
- Fixed - Timezone icon not updated
- Fixed - Token type, Department etc. drop boxes empty, cannot add users
- Fixed - Translation issues
- Fixed - Trigger only sending e-mails 50% of the time
- Fixed - UI Lockdown indicator displays incorrect status
- Fixed - UK Paxlock image in US Paxlock settings screen
- Fixed - Unable to acknowledge alarms
- Fixed - Unable to change settings of a Classic ACU
- Fixed - Unable to log into Net2 Anywhere
- Fixed - Unable to manually add a Paxlock in 50000 user mode
- Fixed - Unable to manually add US Paxlock
- Fixed - Unable to scroll within User > Access Rights tab
- Fixed - Unable to view US Paxlock door settings via double-click
- Fixed - Up to date firmware version showing as Unknown
- Fixed - Upgrading with "Enable server browsing" checked incorrectly leaves Conf. Utility in Client operation
- Fixed - US Paxlock defaults to 7 second DOT
- Fixed - User Image Verification application fails to run
- Fixed - v4.28 to v5 upgrade failure
- Fixed - Whos In report showing in Net2 Lite
- Fixed - Wired devices stopped communicating
- **Firmware Update - Net2 PaxLock**

#### **v5.01.2102.4802 (02/05/2014)**

- Fixed - We have identified a potential security issue and as a precaution you should upgrade to v5.01 service release

#### **v5.01.1828.5575 (03/03/2014)**

- New - Automatic alerts for Timesheet entries
- New - Automatic Summer/winter time change
- New - Clocked in and Whos in reports now available in user interface
- New - Control a bi-directional turnstile with a single ACU

- New - Custom day scheduling
- New - Door open wizard enhancements
- New - Email a report, including fire roll call
- New - Graphical update for software, including Timesheet
- New - iEVO biometric enrolment improvements
- New - Landlord Tenant/Flexible operator Permissions
- New - Net2 can now default to a language other than English
- New - New - XP/Server 2003 no longer supported
- New - New languages supported (Spanish-Mexican and French Canadian)
- New - Paxlock ACUs can be used in 50k user mode
- New - Print ID card by department
- New - Reset fire alarm automatically
- New - SDK updates to .Net4.0
- New - Support for new Net2 Entry Events (v2.11 and above)
- New - Support for Windows 8
- New - Suspend token on 3 incorrect PINS
- New - Temporary Access permissions
- New - Triggers and actions: Copy Rule
- New - Video integration platform
- Improvements - The database has been updated to SQL 2012 Express
- Improvements - Triggers and actions: 6 new actions
- Fixed - KB 1214 - Timesheet name format does not change
- Fixed - KB 1493 - LockDown button eclipses other buttons
- Fixed - KB 1566 - Custom data formats not working on Nanos
- Fixed - KB 1619 - Net2 plus APIPA address changes every two minutes automatically.
- Fixed - KB 1638 - German IN readers showing as OUT
- Fixed - KB 1654 - Exported CSV data all in one column on German OS
- Fixed - KB 1665 - Events Filter results reset when changing tabs but with selected options still ticked
- Fixed - KB 1668 - No name next to access denied event and serial number instead of door name for replaced Easyprox
- Fixed - KB 1674 - Changing reader definitions in Areas doesnt generate an update
- Fixed - KB 1675 - Holiday adjustment incorrect
- Fixed - KB 1683 - Bridge disconnected events with no bridges
- Fixed - KB 1684 - Access Permitted showing without " - token only" for APB events
- Fixed - KB 1687- Refreshing reports no longer works
- Fixed - KB 1689 - Clicking "Add New ACU" adds a new door group instead
- Fixed - KB 1693 - Incorrect port names causing ACU"s to go offline
- Fixed - KB 1698 - Changing token type fails to retain changes Pro features enabled
- Fixed - KB 1699 - Events data grid reduplicates data when scrolling off the bottom of the view
- Fixed - KB 1710 - Unable to set any doors under the 'Working hours' access level to "At no time"

- Fixed - KB 1730 - Timesheet UI display errors on Swedish OS
- Fixed - KB 1731 - User events not displaying in Timeline
- Fixed - KB 1757 - Working day Hours is set to 0 Net2 Crashes when adding an entry.
- Fixed - KB 1762 - Expiry date in the future becomes deselected
- Fixed - KB 1763 - V2 Net2 Plus on 10Mbps connection
- Fixed - KB 1764 - Cant change user category names
- Fixed - KB 1765 - Previous user record picture being reapplied
- Fixed - KB 1773 - Relays firing for longer than specified
- Fixed - KB 1777 - Triggers and actions rule running constantly
- Fixed - KB 1778 - Editing a specific type of pre-existing T&A doesn't always work.
- Fixed - KB 1779 - No timesheet events for previously invalid user when ACU changed to Clocking In/Out
- Fixed - KB 1782 - Unlock relay 2 unavailable
- Fixed - KB 1784 - Changing access levels via the iPhone does not affect access
- Fixed - KB 1786 - Door groups contain the same door, clicking on fire alarm tab hangs Net2 UI.
- Fixed - KB 1786 - Net2 is allowing duplicate entries into the DoorGroupMembers table
- Fixed - KB 1834 - Incorrect reader definitions
- Fixed - KB 1857 - Users failing to display in RollCall UI
- Fixed - KB 1891 - Importing CSV fails to display imported access levels
- Fixed - KB 1917 - Errors when using Turkish OS (beta Net2)
- Fixed - "Alarm armed operating mode" drop becomes active when you tick "Enable alarm integration with this ACU"
- Fixed - Add Automatic Alert Feature to Timesheet
- Fixed - Adding automatic alerts without emailing configured
- Fixed - Adding multiple doors to a door group
- Fixed - Applying temporary access and then revoking it locks out the "add button in access levels.
- Fixed - Area settings not being sent down to ACU
- Fixed - Automatic holiday adjustment not appearing correctly
- Fixed - Automatic roll call Area title incorrect
- Fixed - Cannot change reader definitions
- Fixed - Cannot changed fixed IP address due to buttons greyed out and IP address not editable
- Fixed - Cannot enter semi colon in SMS field
- Fixed - Changing door group properties can cause crash
- Fixed - Convert SvrConfig from SQL DMO to SMO
- Fixed - CSV Import/Export should be adapted to cater for more options within the import wizard
- Fixed - Danish translation error
- Fixed - Disabling Lockdown when T&A rules are set up
- Fixed - Duplicate message during CSV import still adds users
- Fixed - Editing a trigger stops email from working
- Fixed - Ensure LinkQualityStatistics are Archived - Add to the job if not

- Fixed - Error when deleting token data formats that are in use
- Fixed - Error when importing 50,000 users
- Fixed - Improvements to SMS/Email tabs
- Fixed - Incorrect user name on intruder alarm arm/disarm
- Fixed - Large amounts of unacknowledged alarms can crash the Net2 UI
- Fixed - Lockdown status doesnt update automatically
- Fixed - Modifying an area after setting up a T&A doesnt work
- Fixed - Move install update available
- Fixed - Net2 Plus relocking/unlocking when power cycled
- Fixed - Net2Air USB Bridge shows as on-line even though disconnected
- Fixed - OEM interface to no longer support remote clock in app
- Fixed - Operator notification if expired users are altered
- Fixed - PaxLocks in an area will show a Door opened with network instruction events via a trigger and action
- Fixed - PINs stop working after 1 day
- Fixed - Readers missing from report wizard
- Fixed - Remove Sagem components
- Fixed - Right click on Doors root disabled for Supervisor operators
- Fixed - Setting timed operating mode in door group properties
- Fixed - T&A Rules for lockdown (de)activation can be created when lockdown not enabled
- Fixed - Testing email settings in Config Utility doesnt work till applied
- Fixed - Timesheet and token admins can add doors and access Options
- Fixed - Timesheet dropdown allows date input
- Fixed - Token Admin operators cant set Individual Permissions
- Fixed - Turning off Net2 Anywhere in the config utility doesnt clear out related settings
- Fixed - Unable to alter case on characters in an area name
- Fixed - Unable to import .csv file without filed headers
- Fixed - Unticking Enable commissioning mode sometimes doesnt prompt you to restart the Net2 server
- Fixed - USB bridge prevents connection to Ethernet bridges
- Fixed - WAV file selection needs to have default settings
- Fixed - Wireless ACUs dont update user locations
- **Firmware Update - Net2 Plus, Net2 Classic, Net2 PaxLock, Net2 Nano and Easyprox Nano**

#### **Net2 V4.28.8417 Release (26/07/2013)**

- Fixed - 1083 - Relay changes state when held open during a Timezone
- Fixed - 1508 - User denied access reports not always consistent (Awaiting Confirmation)
- Fixed - 1659 - PaxLock not opening on timezone
- Fixed - 1702 - Net2 plus intermittent offline issue resolved
- Fixed - 1711 - Improved user import for SDK
- Fixed - 1723 - Improved PaxLock scheduled wakeup reliability

- Fixed - 1772 - 'Auto re-lock' fails to work with relay2
- Fixed - Reader port not working/ACU stops sending Request to Exit events after a period of time (Awaiting Confirmation)
- Fixed - Unable to import database following deadlock patch
- Fixed - Users not being granted access correctly after import via SDK application

## **Net2 V4.28.8208 Release (16/05/2013)**

- New - Windows 8 support (Internet connection required)
- Improvements - The database has been updated to SQL 2008 Express
- Fixed - 1670 - "Only unlock the door..." stops "Unlock relay 2..." from working.
- Fixed - 1677 - Deleting wireless ACU via doors screen causes UI to lock up
- Fixed - 1691 - IO Board inputs reverting to default names
- Fixed - 1706 - Cannot add finger prints to Net2 via Net2 integration.
- Fixed - 1719 - T&A rule appears to be processed twice although one press of button is made
- Fixed - 1720 - T&A rule appears to have run but no action is generated
- Fixed - 1722 - I/O board goes off-line after upgrade to 4.27.
- Fixed - 1724 - iEvo USB desktop reader not working in v4.27
- Fixed - 1729 - PINs not becoming active in a month/s time.
- Fixed - Add fingerprints button size in foreign version
- Fixed - Auto clock in rounding to the nearest minute
- Fixed - AutoClk can be used even when Timesheet is disabled (Net2 Lite)
- Fixed - Cannot edit either in or out time in Timesheet
- Fixed - Desktop reader mode for Easyprox, PaxLock and Nano has stopped working.
- Fixed - Display firmware upgrade warning
- Fixed - Double Autoheal
- Fixed - Error when clicking on database tab and cannot log in after importing database
- Fixed - I/O board relays stopped activating via SDK after upgrade
- Fixed - iEvo integration is looking at the filesystem for the next fingerprint ID incorrectly
- Fixed - Merging users doesn't update 3rd party information
- Fixed - Net2 users with multiple cards will experience denied access events on wired devices
- Fixed - OEM Client Events should not have a constraint on EventTime
- Fixed - Paxlocks and nano having intermittent comms and are falling offline
- Fixed - Preventing Net2 plus v1 with 4.09 firmware upgrading to any other firmware
- Fixed - Replacing a classic causes the fire alarm tab to hang
- Fixed - Signal strength of wireless devices never reaches 5 bars
- Fixed - SQL2008 requires Windows Installer 4.5
- Fixed - Unable to enrol iEvo users in Net2 with runtime error
- Fixed - Unable to use open door button once T&A rule run
- Fixed - V2 Plus fails to upgrade firmware on RS485 dataline connection
- Removed - Net2 can no longer be installed on a Domain Controller

- **Firmware Update - Net2 Classic, Net2 Plus & Net2 PaxLock**

#### **Net2 V4.27.7614 Release (15/11/2012)**

- Improvements - Triggers & Actions
- Fixed - KB 1639 - T&A rules timing out
- Fixed - KB 1653 - Import error
- Fixed - KB 1660 - Delete/Replace ACU times out on systems with many events
- Fixed - KB 1663 - Unable to delete ACU's
- Fixed - KB 1664 - Cannot wipe access levels for a department
- Fixed - Access levels do not import in advanced permissions mode
- Fixed - ACU/IO Board not responding events don't get deleted
- Fixed - Changing a timezone from "At no time" causes SQL error
- Fixed - Event reports in Net2Anywhere including iPhone apps do not return data
- Fixed - Fire alarm tab locks out other tabs
- Fixed - Individual permissions not being sent down to ACUs
- Fixed - Paxlocks not receiving newly created public holidays until reinstated
- Fixed - Public holidays not displaying in Timesheet
- Fixed - T&A dialogue formatting issue
- Fixed - T&A rule set to Affect Relay, crashes Net2
- Fixed - Timezone active/inactive triggers not working
- Fixed - Token and timesheet admin operators can't edit a user's access level

- **Firmware Update - Net2 PaxLock**

#### **Net2 V4.26.7525 Release (26/10/2012)**

- New - iEvo fingerprint desktop reader integration
- New - iEvo fingerprint integration
- Improvements - Bridge online/offline events and icons
- Improvements - Swedish application notes added
- Improvements - Wireless device status: "Powersave" is displayed in place of "Asleep" and the last known signal strength is shown
- Improvements - Wireless device status: Devices no longer show as "Offline" until three hours with no communication to the server has passed
- Fixed - KB 1066 - Using Easyprox nano as desktop reader with Timed Operating Mode
- Fixed - KB 1124 - Desktop Reader buzzer
- Fixed - KB 1245 - PaxLock units fail to remain toggled
- Fixed - KB 1254 - Relay 1 remains toggled open
- Fixed - KB 1375 - Using mixed Wiegand settings on a single ACU
- Fixed - KB 1431 - Activation text not displaying correctly in Danish
- Fixed - KB 1465 - AutoClockIn throws up license error
- Fixed - KB 1485 - Nano devices don't appear in Triggers and Actions
- Fixed - KB 1529 - Unable to view user record via Net2 Anywhere

- Fixed - KB 1542 - Paxlock Site Graphic status doesn't change
- Fixed - KB 1557 - Java update causes DM integration to stop working
- Fixed - KB 1572 - T&A rule fails if no change in door contact status
- Fixed - KB 1579 - Manually adding an ACU prevents double clicking
- Fixed - KB 1586 - Import users with access levels "At no time" doesn't work correctly
- Fixed - KB 1587 - Fire alarm events appearing for system with no fire doors
- Fixed - KB 1588 - PaxLock denying access due to user valid from date being earlier than 1/1/1999
- Fixed - KB 1595 - Nano shows reader In and Out in Access rights tab.
- Fixed - KB 1596 - Incorrect events appearing for fire alarms
- Fixed - KB 1597 - DTR with Net2 Anywhere returns incorrect number
- Fixed - KB 1599 - Events not showing after upgrade.
- Fixed - KB 1603 - Readers ports 1&2 can't toggle separate relays
- Fixed - KB 1604 - Users able to break APB rules
- Fixed - KB 1605 - EasyProx Nano's getting repeated "Invalid access" events
- Fixed - KB 1606 - Events tab taking several minutes to respond
- Fixed - KB 1607 - Some events instigated by PIN are not including the UserId in the appropriate field
- Fixed - KB 1608 - A change of access level from all hours, all day to at no time doesn't get sent down to wireless devices.
- Fixed - KB 1609 - Fire alarm/Roll call issues
- Fixed - KB 1610 - Error when importing a database
- Fixed - KB 1611 - Triggers and Actions rules are failing to run
- Fixed - KB 1612 - Reports not showing all data
- Fixed - KB 1614 - User events fail to load
- Fixed - KB 1617 - ACUs not showing in Doors" screen after upgrade.
- Fixed - KB 1623 - Roll call report showing area group
- Fixed - KB 1624 - Wiegand reader with site code fails to clear messages
- Fixed - KB 1627 - Events" User column disappears.
- Fixed - KB 1628 - Exporting holiday chart shows custom categories as numbers.
- Fixed - KB 1631 - Maximum number of users error when importing CSV file
- Fixed - KB 1635 - Net2 Entry panel not working with ACU in DTR mode
- Fixed - KB 1636 - Information missing from Details" column in Reports
- Fixed - KB 1637 - Replacing an ACU in a door group will not add the new door to the group
- Fixed - KB 1645 - Swapping Net2 systems could stop the Panel reader working
- Fixed - KB 1648 - Unable to finish Activation wizard
- Fixed - KB 1649 - Net2 crashes when acknowledging alarms
- Fixed - KB 1652 - Cannot add users with tokens consecutively
- Fixed - KB 1656 - Firmware update on classics failing
- Fixed - "Days accrued to date" isn't from start date of user
- Fixed - A manually added PaxLock shows as asleep with no signal strength when refresh clicked and bridge on-line.

- Fixed - Able to import vcf with a PIN containing letters
- Fixed - Activation wizard
- Fixed - Adding new tokens doesn't "unexpire" a user
- Fixed - Adding user does not reflect in Timesheet
- Fixed - Anti-passback enabled during function breaks anti-pass back.
- Fixed - Cannot delete a not responding or disconnected TCP/IP node.
- Fixed - Cant change department properties with advanced permissions
- Fixed - Card Designer + Timeline asking for licence in Pro
- Fixed - Crash when renaming "Add site graphic"
- Fixed - Create Valid from date before 1/1/1999 via changing expiry date
- Fixed - Default ACU image incorrect
- Fixed - Default search date for advance filtering incorrect
- Fixed - Deleting an ACU can cause others to be deleted
- Fixed - Deleting an ACU can conflict with Advanced Permissions and prevent it happening
- Fixed - Desktop reader compatibility with IE9
- Fixed - Desktop reader presentations get added to roll call report.
- Fixed - Detecting and deleting Net2 plus doesn't apply the nodes correctly
- Fixed - Duplicate events causing Timesheet error
- Fixed - Easyprox or PaxLock which are part of an area will try to be opened with a trigger and action
- Fixed - Error when deleting a timezone
- Fixed - Event view needs updating ...
- Fixed - Events data grid reduplicates data when scrolling off the bottom of the view.
- Fixed - Expiry dates are not reflecting the users actual expiry when browsing users
- Fixed - I/O boards reconfigure everytime you rename the I/O board or the relay name is changed.
- Fixed - Import error with 60000 csv
- Fixed - Keypad entry causing ACU's to drop offline
- Fixed - Links in registered left pane
- Fixed - Lockdown trigger and action ACU list has an "Anywhere" option which doesn't work.
- Fixed - Milestone doesn't work on a 64 bit operating system
- Fixed - Nano door name changes not working / Messages not clearing on Nano's
- Fixed - Net2 installation doesn't install documents which also results in the documentation link not working.
- Fixed - Net2 operator - Net2 Anywhere selection screen not translated
- Fixed - Net2 plus v2 connected to another Net2 plus v2 via 485 does not work correctly.
- Fixed - Net2 plus v2 doesn't work with Net2 v4.26.
- Fixed - Net2 server config Email tab throws up error when clearing and applying details.
- Fixed - Net2Anywhere checkbox not setting correctly
- Fixed - No back functionality from viewing documentation
- Fixed - Operators not appearing when logging into Net2
- Fixed - Options interface is messy when using French Net2 on English PC.



- Fixed - Orphaned Area records as a result of deleting a door
- Fixed - Paxlock and Easyprox door open time can be set to 0 seconds
- Fixed - PaxLock Mifare firmware update loops
- Fixed - Possible to replace an ACU with itself
- Fixed - Pro systems don't import features if they aren't selected
- Fixed - Recalculation needed of wealth sharing when a bridge stops working but is still ticked in the Net2 server configuration.
- Fixed - Remotely opening door opens wrong relay
- Fixed - Repeated access denied events for EasyProx Nano
- Fixed - Replacing a door fails and crashes the UI
- Fixed - Replacing a door throws up error
- Fixed - Replacing Easyprox doesn't use the door name in events or access levels.
- Fixed - Roll call not working with Area Groups
- Fixed - Site bit missing from token data format info in door group properties
- Fixed - SMS option greyed out.
- Fixed - Sorting doors causes crash
- Fixed - T&A wizard "run rule at" time box too small on US settings
- Fixed - Texecom partitions still function when Texecom integration disabled.
- Fixed - Timezones pasted into grey area of timezone.
- Fixed - Unable to add a user called "system"
- Fixed - US regional settings cause timed delays to work incorrectly
- Fixed - Usernames appearing next to low and critical battery events
- Fixed - Using the trigger affect relay 2 option shows events for an ACU which is off-line.
- Fixed - When put into commissioning mode all Net2 plus stay off-line.
- Fixed - WhosIn html sheet is only generated once you've "clocked" someone in.
- Fixed - Wireless doors with names are showing as the ACU serial number in Access Levels, areas and events.
- Fixed - Wrong relay opens during timezone
- Fixed - You cannot untick "Send an E-mail" once it has already been added to a trigger.
- **Firmware Update - Net2 Plus**

### **Net2 V4.25.7301 Release (03/08/2012)**

- Fixed - Detect button in Net2Air Bridges tab stops detecting.
- Fixed - Net2 server doesn't use any bridges unless nano or PaxLock manually added

### **Net2 V4.25.7211.Release (13/07/2012)**

- New - Device type icon on ACU screen
- New - Lock ACU's when not in commissioning mode
- New - Net2 Entry compatibility
- New - Report grouping
- Improvements - Ability to select a trigger with no action in order to log an event

- Improvements - Timesheet will now ignore multiple clocking in/out entries if they are less than 5 seconds apart
- Fixed - KB 1399 - "Show on alarm" feature failing with multiple Site graphics
- Fixed - KB 1463 - Reports can no longer be run on clocking in/out events
- Fixed - KB 1481 - Relay 1 can't be set to toggle with Intruder Alarm activated
- Fixed - KB 1485 - Nano devices don't appear in Triggers and Actions
- Fixed - KB 1515 - When the server stops the UI doesn't close automatically
- Fixed - KB 1526 - Access rights tab doesn't sort across multiple pages
- Fixed - KB 1530 - PaxLock's only return red LED and short beep
- Fixed - KB 1533 - PaxLock doesn't grant access after binding
- Fixed - KB 1544 - Adding holiday doesn't deduct day from holiday allowance
- Fixed - KB 1550 - Timezone cannot be deleted
- Fixed - KB 1556 - Add user error on foreign OS or PC
- Fixed - KB 1562 - Easyprox nanos and Net2 nano stop communicating.
- Fixed - KB 1563 - Custom reports cannot be sorted alphabetically
- Fixed - KB 1564 - Trigger and Action stops working after 2 weeks.
- Fixed - KB 1565 - Problems with adding ACU's manually
- Fixed - KB 1570 - Cannot type "+" character into SMS field
- Fixed - KB 1571 - Adding a user may fail or have a slight delay before being added
- Fixed - KB 1573 - Lost token still works on Net2 nanos and Easyprox
- Fixed - KB 1580 - Delay action using "Local alarm" trigger doesn't work
- Fixed - KB 1581 - Documentation unavailable via Net2 UI
- Fixed - "Hold open a door" opens both relays
- Fixed - "New X" opens wrong tab
- Fixed - "Read only" operators able to create changes
- Fixed - "Token details not found" doesn't show token number
- Fixed - Able to edit access levels to conflict with Advanced Permissions
- Fixed - Acknowledging PaxLock door forced alarm problem.
- Fixed - Add/delete user causes error loop
- Fixed - Additional page in access rights tab
- Fixed - Advanced permissions not working correctly with multiple door groups
- Fixed - AutoClk presents too many timesheet categories
- Fixed - Bridge wealth sharing.
- Fixed - Certain characters (e.g. & \* ^ % \$) not supported in the names of TCP/IP nodes
- Fixed - Change font on the new registration email to Arial
- Fixed - Changing ACU properties using the main "Door" group doesn't work.
- Fixed - Clicking detect will untick all manually added bridges even if they are active and in use
- Fixed - Codes appearing in token number field
- Fixed - Confirmation box when unregistering N2A
- Fixed - Creating operator shows waiting cursor

- Fixed - Custom Reports don't show certain events
- Fixed - Custom reports dont filter users
- Fixed - Deleting a bridge will not prompt you to restart the Net2 server.
- Fixed - Deleting a door group shows the wrong amount of ACUs.
- Fixed - Deparment Properties interface doesn't allow you to assign a card template.
- Fixed - Documentation - missing items
- Fixed - Doors with relay 2 selected in T&A toggle
- Fixed - Duplicate PIN's not reverting correctly
- Fixed - Error adding Public Holidays in French
- Fixed - Explorer bar problem.
- Fixed - Fail closed, Fail open and toggle settings disappear when changing tabs.
- Fixed - Grammar and spacings in operator wizard
- Fixed - IO Boards reconfigure when the server is restarted
- Fixed - Long device names causing search error
- Fixed - Manual Open door network instruction timer.
- Fixed - Merging users doesn't merge PIN's
- Fixed - More than one event appears for the System engineer when using Open door feature.
- Fixed - Net2 nano ACU's failing to respond after binding
- Fixed - No doors showing
- Fixed - No message when trying to delete access level
- Fixed - Not being able to log in with a user with more than one middle name
- Fixed - Not responding events don't get deleted
- Fixed - Paxlock binds but keeps updating it's firmware
- Fixed - Port column limited to 30 characters
- Fixed - Print summary generates error with no user
- Fixed - Read-only operators able to make changes
- Fixed - Reader Action can be for relay 2 when ACU in toggle T&A
- Fixed - Reader port auto detect feature creates an incorrect entry in the Access level table.
- Fixed - Removing associated timezone deletes T&A rule
- Fixed - Renaming doors allows differing name lengths
- Fixed - Replacing a Nano does not remove historical Engine ManagerActions
- Fixed - Report taking long time to display and empty tree list.
- Fixed - Report time range not saved
- Fixed - Reports dont show toggle events
- Fixed - Reports throwing criteria error
- Fixed - Reports tree not refreshing
- Fixed - Server crashes when "Open door" is clicked on a dummy Net2 Nano
- Fixed - Signing in with AutoClk in with server stopped gives error 2nd time around.
- Fixed - T&A rules are still able to open intruder alarm armed doors

- Fixed - Timesheet missing entries
- Fixed - Timesheet not updating the Net2 server is restarted
- Fixed - Toggling a relay displays token number incorrectly
- Fixed - Token data formats cant be deleted
- Fixed - Translation issues
- Fixed - UIV not working with certain event types
- Fixed - Update registration email
- Fixed - When deleting access levels, the focus is on "Yes"
- Fixed - When deleting doors, the focus is on "Yes"
- Fixed - When replacing a USB bridge Paxlock/Nanos will go off-line.
- Fixed - Wireless control unit access rights tab has gap at the bottom
- Fixed - With Texecom integration enabled and all doors using the default partition, all ACU"s wil get reinstated
- **Firmware Update - Net2 Plus**

### **Net2 V4.24.7108 Release (08/06/2012)**

- New - Advanced Permissions
- New - Channel Changing
- New - Door Grouping
- Improvements - "Only unlock door..." feature now only unlocks when a user is granted access inside the associated timezone
- Improvements - Communication optimisation
- Improvements - Configuration Utility: Net2Air Bridges
- Improvements - Live events filtering
- Improvements - TCP/IP nodes now stored in database
- Improvements - Timesheet: Public Holiday importing
- Improvements - Token number field now appears in Events view
- Improvements - Triggers and Actions: Control Relay 2
- Improvements - Triggers and Actions: Timed delays
- Improvements - Triggers and Actions: Toggling ACU relays
- Fixed - KB 0941 - Refreshing data message loop
- Fixed - KB 1120 - ESR still active after Timezone elapses
- Fixed - KB 1169 - Toggle relay doesn't generate "Access Permitted" event
- Fixed - KB 1348 - USB Desktop reader driver conflict
- Fixed - KB 1364 - Custom Wiegand settings not applying first time
- Fixed - KB 1365 - Unable to log in to Net2
- Fixed - KB 1387 - Door names not saving due to length of the name entered (A)
- Fixed - KB 1387 - Renaming readers isn't working (B)
- Fixed - KB 1390 - If a trigger is set to run an .exe and play a .wav, only the .exe will run.
- Fixed - KB 1392 - Toggle relay on Net2 Plus & Classic causes door left open alarm

- Fixed - KB 1395 - Expired users are able to gain access (Awaiting Confirmation)
- Fixed - KB 1406 - Anti-passback doesn't work with wiegand readers
- Fixed - KB 1412 - Language Issues - Japanese
- Fixed - KB 1425 - Site Graphic status incorrect (A)
- Fixed - KB 1425 - Site Graphics is not displaying alarm status on doors correctly (B)
- Fixed - KB 1427 - All operator levels able to reset the fire alarm
- Fixed - KB 1436 - Executable file fails to run via T&A
- Fixed - KB 1437 - Adding a custom timezone on Nano's (B)
- Fixed - KB 1437 - When adding a timezone to Unlock the door during this affects all Net2 Nano's in the database (A)
- Fixed - KB 1439 - "Display reader LEDs in OEM style" reverts to inactive
- Fixed - KB 1443 - Codes still work when in LockDown
- Fixed - KB 1444 - Not all Net2 Nano doors displayed on reports
- Fixed - KB 1445 - Token + PIN doesn't work with intruder alarms
- Fixed - KB 1446 - Unable to set Alarm contact open time to less than 1 second on non-UK OS
- Fixed - KB 1447 - Reports for 12 months don't run
- Fixed - KB 1449 - User able to gain access regardless of APB (Awaiting Confirmation)
- Fixed - KB 1456 - Renaming I/O Boards doesn't always work
- Fixed - KB 1463 - Reports can no longer be run on clocking in/out events
- Fixed - KB 1469 - Users able to gain access but unable to exit
- Fixed - KB 1471 - Issues with Commissioning Mode
- Fixed - KB 1480 - Copied ACU data not displaying correctly
- Fixed - KB 1482 - Replacing a Classic or Plus doesn't transfer over the intruder alarm partition
- Fixed - KB 1483 - Adding new T&A via right-click doesn't refresh screen
- Fixed - KB 1484 - Clocking out entry doesn't always add to clock in time
- Fixed - KB 1486 - Deleting a user without a token or PIN doesn't work
- Fixed - KB 1488 - Incorrect username against intruder alarm events
- Fixed - KB 1489 - Test button on alarm tab of doors screen doesn't work
- Fixed - KB 1490 - Silence button on alarm tab of doors screen doesn't silence alarm
- Fixed - KB 1491 - EasyProx Nano doesn't change status to OK
- Fixed - KB 1492 - Left clicking brings up the right click menu
- Fixed - KB 1499 - ACUs go offline when fire alarm input activated (Awaiting Confirmation)
- Fixed - KB 1502 - PIN still works after user's record deleted.
- Fixed - KB 1503 - Importing CSV file with "Delete all events" selected stops processing timesheet events
- Fixed - KB 1506 - Timestamp on Exacq DVR's not local
- Fixed - KB 1507 - Pelco DVR integration failure
- Fixed - KB 1511 - Edit report with lots of users causes error
- Fixed - KB 1512 - "Hold Open a Door" doesn't trigger Relay 2
- Fixed - KB 1516 - ACU's drop offline when T&A rules are run

- Fixed - KB 1517 - Some users are able to gain entry into Areas they should not have access to using Anti Passback
- Fixed - KB 1518 - Unable to display deleted user in reports
- Fixed - KB 1520 - Silence Alarm button fails to stop a WAV from playing
- Fixed - KB 1521 - When using two USB devices at the same time only 1 will work
- Fixed - KB 1525 - Bell button activates alarm output
- Fixed - KB 1526 - Access rights tab not remaining sorted
- Fixed - KB 1527 - ACUs with 00000009 serial number.
- Fixed - KB 1528 - Not all users showing on access rights tab
- Fixed - KB 1531 - Error deleting custom category in Dutch OS
- Fixed - KB 1532 - Users not sorted alphabetically in Report Wizard
- Fixed - KB 1534 - Fire alarm not generating automatic Roll Call report
- Fixed - KB 1535 - LockDown not working with "At specific time..." trigger
- Fixed - KB 1536 - No user name when arming alarm.
- Fixed - KB 1537 - Doors list not remaining saved for "Keypad hacker" T&A rules
- Fixed - KB 1541 - Changing a user's password via AutoClockIn doesn't work
- Fixed - KB 1543 - WAV files not playing correct number of times
- Fixed - "This program might not have installed correctly" messages
- Fixed - "Delay action" isn't set as default to inactive
- Fixed - "From address" field in config utility verifies address on mouse click
- Fixed - "Out" reader appearing for Net2 Nano ACU's in triggers and actions
- Fixed - "Properties" changes to "Edit Layout"
- Fixed - Able to edit default reports
- Fixed - Access levels crash with door groups and areas
- Fixed - Access levels not displaying correctly
- Fixed - Active flag not always set correctly when manually adding Nano
- Fixed - ACUs go off-line when fire alarm input closed without resetting the alarm.
- Fixed - Add a further checkbox to the config for channel changing
- Fixed - Add image to N2A login page
- Fixed - Add new group should mirror users tree view
- Fixed - Adding a T&A rule that results in a wav file being played doesn't save properly
- Fixed - Adding a token gives an error
- Fixed - Adding an image to a user doesn't work
- Fixed - Adding ethernet ACUs is failing with an imported database
- Fixed - Adding half day holidays doesn't subtract holiday allowance
- Fixed - Align and change headings in registration wizard
- Fixed - Allocated codes not counted
- Fixed - Attempting to deserialize an empty stream. calling for list of operators using OEMClient (Awaiting Confirmation)
- Fixed - Auto clock in doesn't get the correct clocked in status

- Fixed - Auto-heal on Nanos devices can cause open door after too long an interval and multiple times.
- Fixed - Automatic bridge re-assignment not done message will not resolve.
- Fixed - Back button functionality
- Fixed - Barring a user doesn't work with Advanced Permissions
- Fixed - Benelux button translations error
- Fixed - Bradford factor tab is empty
- Fixed - Buy tokens link not available in the software overseas
- Fixed - Cannot delete entries in other Timesheet views
- Fixed - Cannot delete Net2 plus due to error message.
- Fixed - Cannot edit custom reports from list view
- Fixed - Cannot replace Net2 plus
- Fixed - Cannot use special characters in door group rename
- Fixed - Change "Card number" to Token number"
- Fixed - Change "IO Board" reference to "Relay"
- Fixed - Change token type telephone number slightly off.
- Fixed - Changing an Access Levels" rights to allow a user through a door doesn't work straight away.
- Fixed - Changing custom wiegand in config utility doesn't update ACU
- Fixed - Changing PIN resets advanced permissions
- Fixed - Changing the PC clock creates a constant pending message update which fills the log.
- Fixed - Channel change feature and legacy channel index not working.
- Fixed - Clicking on Add in Individual permissions creates a spinning circle icon.
- Fixed - Clicking on I/O board causes Net2 to crash.
- Fixed - Client prompts to restart server
- Fixed - Codes appearing in token number field in LockDown
- Fixed - Columns not working correctly in doors screen
- Fixed - Connection type not showing in the Doors screen
- Fixed - Creating duplicate departments and unable to delete users
- Fixed - CSV export only exporting 33 users
- Fixed - Custom access levels don't allow users access to clocking in/out readers
- Fixed - Custom timezones and individual permissions will cause auto heal to unlock PaxLock doors
- Fixed - Deleted users affecting advanced permissions
- Fixed - Deleting a token doesn't update Classic/Plus ACU"s
- Fixed - Deleting access levels/timezones doesn't refresh screen
- Fixed - Deleting site graphics
- Fixed - Display installation company details tick box doesn't work.
- Fixed - Door / Door Groups sort order
- Fixed - Door group properties translation not consistent
- Fixed - Door groups not appearing in events until refreshed
- Fixed - Door list not updating correctly when dragging doors from door groups

- Fixed - Doors in door groups treeview aren't ordered correctly
- Fixed - Drag and drop of minimized Net2 UI doesn't work on test harness.
- Fixed - EasyProx and Paxlock unable to reinstate
- Fixed - Editing a report generates an "Added" event
- Fixed - Email security flaw
- Fixed - Error crashed Paxton House server during start up
- Fixed - Events control showing in codes tab
- Fixed - Export of users broken
- Fixed - Export to Net2 Anywhere showing in options
- Fixed - Find user dialog very slow
- Fixed - FTDI driver versions
- Fixed - Get picture works intermittently.
- Fixed - Grid appears on Net2 Bridges tab but not on TCP/IP nodes tab
- Fixed - Highlight jumping to triggers and actions when deleting multiple nanos from a door group.
- Fixed - I/O Board delay in triggering relay
- Fixed - Importing a database won't populate Nano devices
- Fixed - Importing CSV file produces an error
- Fixed - Inactive readers showing in triggers and actions.
- Fixed - Inconsistent doors grid display occasionally for some Nanos that are off line
- Fixed - Input pressed/released events no longer being generated
- Fixed - Installer details don't change when you reactivate
- Fixed - Investigate OutOfMemory exception thrown by the BridgeStateMachineWorker
- Fixed - IO board relays don't seem to open for less than 5 seconds
- Fixed - IO Board relays trigger one by one
- Fixed - Language error in Danish
- Fixed - Large amount of Plus and Nano units causes instability
- Fixed - Letters in code field
- Fixed - List of doors reverts to "Anywhere" when using the "Hold Open Door" action
- Fixed - LockDown exempt status not saving
- Fixed - Manually added nano's with no assigned bridge cause error
- Fixed - Manually adding an ACU doesn't allow you to choose which type of ACU
- Fixed - Mass changing access levels creates blue spinning circle
- Fixed - Move advanced permissions checkbox to the left hand side
- Fixed - Muster readers not working
- Fixed - Nanos cannot rebind when bound bridge deleted or unticked from Net2 server configuration utility.
- Fixed - Net2 gives 2 delete prompts per door
- Fixed - Net2 nano heart beats and events produced in commserver.log but not in the database.
- Fixed - Net2 nanos not showing as off-line.
- Fixed - No ACU count when using Door Group feature.



- Fixed - No logging from AutoClk
- Fixed - Offline ACU's can be triggered to open
- Fixed - Operator rights dropdown list disabled in large database
- Fixed - Output of doors grid does not contain all columns
- Fixed - Overlapping characters in Japanese
- Fixed - Paxlock alarm tab error
- Fixed - PaxLock alarm tab is blank
- Fixed - PaxLock units appearing as Nano ACU's
- Fixed - Paxton House upgrade failed - SQL error reported.
- Fixed - PIN's appearing in token number field
- Fixed - Problem after setting ACU as desktop reader
- Fixed - Problem retrieving information from Net2
- Fixed - Read only operators can edit Advanced Permissions
- Fixed - Refreshing isn't working correctly
- Fixed - Reinstate and firmware update not showing address in events
- Fixed - Remove first step in registration wizard
- Fixed - Remove sub titles from door group properties
- Fixed - Remove the ability for Net2 to communicate using modems
- Fixed - Renaming bridge prompts Net2 server restart.
- Fixed - Renaming two ACU's to the same name causes desync in Areas
- Fixed - Reorganise control unit list in add new control unit wizard
- Fixed - Replace filter icon with button
- Fixed - Replacing a Net2 plus with another Net2 plus will result in incorrect display of door settings.
- Fixed - Report error prevents reports from being created
- Fixed - Reports showing 2 (In) readers
- Fixed - Roll Call report heading shows current date when printed manually
- Fixed - Server stopping automatically when using Net2 (Awaiting Confirmation)
- Fixed - Signal Strength Correlator error.
- Fixed - Site Graphics - show on alarm repeatedly jumps to ACU screen
- Fixed - Spacings in left pane
- Fixed - Spoof firmware that enables the "personality" of a Nano to be switchable from hardware
- Fixed - Swedish translations
- Fixed - TCP nodes not cleared when creating a new database
- Fixed - Texecom Integration is enabled when installing Lite on top of Pro
- Fixed - The "Expires after..." option is always greyed out
- Fixed - The Net2 start page is not entirely derived from the Server database
- Fixed - The select all function doesn't work with the Net2Air Bridges tab.
- Fixed - Timesheet application name in language version too long
- Fixed - Timesheet entries not saved when using Insert

- Fixed - Token admin operator can add entries into Timesheet
- Fixed - Token numbers attached to incorrect events
- Fixed - Treeview doesn't expand if there are more than 32768 already displayed
- Fixed - Triggers and action rule event is showing the door group in the "Where" column
- Fixed - Triggers and actions not saving correctly
- Fixed - Triggers and actions timed relay stays on instead of turning off.
- Fixed - UI doesn't close properly
- Fixed - Unable to add operator
- Fixed - Unable to create reports due to recurring error
- Fixed - Unable to enable intruder alarm
- Fixed - Unable to open doors via UIV
- Fixed - Unable to turn off multiple PINs mode
- Fixed - Unbound PaxLock shows as asleep a 5-10 seconds after Net2 server started or manually added.
- Fixed - Unforeseen behaviour where events monitored from ACU's do not resume
- Fixed - Unknown event type not handled in Net2 Server
- Fixed - Upgrading from 4.23 changes the default channel 11 for Net2Air bridge to 25
- Fixed - User interface doors grid unusable with a large number of doors
- Fixed - Username for arming intruder alarm not appearing
- Fixed - Usernames not appearing in denied events
- Fixed - Using view menu to disable a features causes problems
- Fixed - Viewing custom reports is very slow
- Fixed - When adding an access level you have to click refresh before the current validity updates.
- Fixed - When changing timezones for access levels you get an error.
- Fixed - When replacing an ACU the tree view will disappear and sometimes the whole screen will go white.
- Fixed - When upgrading to advanced permissions, existing user's access levels aren't shown afterwards
- Fixed - Working Hours can be deleted
- Removed - Modem compatibility
- **Firmware Update - Net2 Classic, Net2 Plus and Net2 PaxLock**

#### **Net2 V4.23.6916 Release (18/04/2012)**

- Fixed - Door can remain unlocked
- Fixed - Hitag wakeup by PIR is 5 seconds instead of 1.
- **Firmware Update - Net2 PaxLock**

#### **Net2 V4.23.6826 Release (26/03/2012)**

- Fixed - KB 1310 - "Request Access Check" events
- Fixed - KB 1330 - Fire Alarm causing UI to freeze/UI refreshing problem when fire alarm is acknowledged via workstation

- Fixed - KB 1381 - Fire doors not opening correctly
- Fixed - KB 1442 - HTML reports description error
- Fixed - KB 1448 - No Alarm Icon displaying and duplicate event
- Fixed - KB 1501 - Fire alarm opens all doors incorrectly
- Fixed - KB 1514 - Changing the Factor field or adding a new category with a different factor will change all the other fields
- Fixed - KB 1516 - ACU's dropping offline when T&A rules run
- Fixed - Detailed list of time and attendance activity is not shown within Timesheet
- Fixed - Fire alarm improvements
- Fixed - OEM SDK - add support for change field names
- Fixed - Roll call report not generated
- Fixed - SMS tab - click here link not translated in to danish
- Fixed - Tokens remembered after user deleted and cannot re-add deleted tokens
- Fixed - UI not starting because NetVu code crashes
- **Firmware Update - Net2 PaxLock**

#### **Net2 V4.23.6717 Release (22/02/2012)**

- Fixed - "Errors have occurred" message on Net2 Anywhere after requesting events

#### **Net2 V4.23.6703 Release (06/02/2012)**

- New - Net2 Anywhere
- New - Net2 PaxLock compatibility
- Fixed - KB 1062 - Changing Net2 language requires UI to close
- Fixed - KB 1206 - "Remote site disconnected" events
- Fixed - KB 1280 - Server stopping when UI is closed
- Fixed - KB 1309 - "Remote site" button missing from Workstation
- Fixed - KB 1311 - Incorrect text when printing reports in Arabic
- Fixed - KB 1324 - Image capture, OK and Cancel buttons hidden
- Fixed - KB 1396 - 'Keypad detected' event changes reader operating mode
- Fixed - KB 1403 - "Who's been in today" report cannot display users with the same name
- Fixed - KB 1413 - Adding a timesheet entry using 'Insert' causes an error
- Fixed - KB 1414 - Incompatible webcams
- Fixed - KB 1416 - CSV import/export issues (B)
- Fixed - KB 1417 - Changes made to a department fails to log an event
- Fixed - KB 1420 - Find user not working
- Fixed - KB 1422 - Access rights page count/display error
- Fixed - KB 1438 - Access denied events allow alarm actioning window to open
- Fixed - KB 1441 - Unable to delete Codes
- Fixed - KB 1462 - Door's list in treeview doesn't expand
- Fixed - KB 1464 - Unable to edit default days in Timesheet categories

- Fixed - KB 1466 - CSV Import issues, unable to add an Access Level
- Fixed - KB 1467 - Net2 UI hanging when making changes for a department
- Fixed - KB 1468 - Display issues at minimum resolution
- Fixed - KB 1470 - Auto-heal for PINs not working
- Fixed - KB 1472 - Database import error on German OS
- Fixed - KB 1476 - Lower level Operators can upgrade themselves to System Engineer
- Fixed - Adding a nano device with a 9 digit serial number crashes Net2
- Fixed - Adding an operator
- Fixed - Cannot edit Reports
- Fixed - Clicking on the Outputs tab of a Net2 Nano will crash Net2
- Fixed - Clock out entries not applying in some instances
- Fixed - Clocking In/Out sometimes doesn't add entries into Timesheet
- Fixed - Default reader mode operating for PaxLock / Easyprox
- Fixed - Doors loading error
- Fixed - Duplicate or triplicate events appearing
- Fixed - Editing an I/O board's inputs will cause the UI to crash
- Fixed - Event View Optimisation
- Fixed - Java incompatibility with IE9
- Fixed - Language Issues - Danish
- Fixed - Loading problems
- Fixed - Messages for Nano's and EP Nano's not going through correctly
- Fixed - Net2 Anywhere 'calls home' even if service is disabled
- Fixed - Net2 UI not opening
- Fixed - New Event Type - Handle Wake Up
- Fixed - Roll Call reports constantly refreshing
- Fixed - Save changes request displaying when changes haven't been made.
- Fixed - Scheduled Wake Up Events in UI
- Fixed - Selecting Multizone Intruder Integration from the Option menu doesn't work
- Fixed - Server keeps stopping while Net2 being used
- Fixed - You have to restart the Net2 Anywhere service in order to get the site up again

### **Net2 V4.22.6509 Release (12/12/2011)**

- New - Pelco Endura compatibility
- Improvements - Easyprox nano functionality
- Fixed - KB 1289 - Incorrect Fire Alarm input events
- Fixed - KB 1350 - Reader LED status incorrect when relay is toggled
- Fixed - KB 1351 - "Relay toggled" event missing info
- Fixed - KB 1368 - Two Locks on One Door: LED status incorrect
- Fixed - KB 1370 - Triggers and Actions expiry date display error

- Fixed - KB 1378 - Triggers and Actions Lockdown/Control a Door error
- Fixed - KB 1385 - System Engineer Operator rights can be set to 'none'
- Fixed - KB 1386 - Anti-passback rules can be broken after denied access
- Fixed - KB 1391 - Net2 connecting to N2A server
- Fixed - KB 1392 - Door contacts monitored on ACUs with toggled relays
- Fixed - KB 1393 - Clocking out at midnight
- Fixed - KB 1396 - 'Keypad detected' event changes reader operating mode
- Fixed - KB 1397 - Defaulted Lite installation displaying Activation page on startup
- Fixed - KB 1398 - Timesheet page count error
- Fixed - KB 1404 - Adding a wiegand site code crashes Net2
- Fixed - KB 1405 - Triggers and Actions rules with custom Timezones
- Fixed - KB 1409 - Upgrading from v4.15 to v4.22 asks for Pro CD key
- Fixed - KB 1410 - T&A's stop working when certain rules are enabled
- Fixed - KB 1411 - Doors have incorrect access rights entries
- Fixed - KB 1416 - CSV import/export issues (A)
- Fixed - KB 1416 - CSV import/export issues (C)
- Fixed - KB 1418 - Client welcome page not displaying installer details
- Fixed - KB 1419 - Users randomly denied access on Net2 nano and Easyprox nano
- Fixed - KB 1426 - Sick days counted as one instance incorrectly
- Fixed - KB 1428 - Operator editing throws up an error
- Fixed - KB 1429 - Unnecessary results when reporting on nano
- Fixed - KB 1430 - "Incorrect syntax" error generated when adding a user
- Fixed - KB 1432 - Timesheet holiday report will display a maximum of 105 entries
- Fixed - 'Go' menu missing items
- Fixed - Ability to select departments for inclusion in Bradford Factor avg calc
- Fixed - Access rights tab only one page long for Nano and Easyprox
- Fixed - Add ability to view average hours worked for specified users
- Fixed - Adding a code to 1 ACU populates all ACUs.
- Fixed - Adding report shows unavailable readers
- Fixed - Applicate notes - search enhancements
- Fixed - AutoClockIn uses a list of users not operators
- Fixed - Backup failure
- Fixed - Buttons from Access Rights tab migrating to Fire Alarm tab
- Fixed - Cannot create desktop shortcut.
- Fixed - Cannot set Take As Sickness in Timesheet options
- Fixed - Changing System engineer password causes UIV error
- Fixed - Clocking in/out events not logging in Timesheet
- Fixed - Codes not remembered
- Fixed - Deleting one camera sever deletes all that haven't been applied

- Fixed - Door forced/door left open tabs are linked
- Fixed - Easyprox wake-up problems
- Fixed - Entries not in the correct order for AutoClockIn
- Fixed - Error after stopping server with unsaved changes
- Fixed - Error message when defining reader definitions.
- Fixed - Exporting Holiday Chart in Timesheet
- Fixed - Greek translations
- Fixed - Home screen links
- Fixed - HTML reports tab wording refers to 'ClockedIn.html' in Net2 Lite
- Fixed - Importing public holidays takes a considerable amount of time
- Fixed - Invalid PIN doesn't display name with UIV
- Fixed - Issues with Areas
- Fixed - Language Issues - Dutch
- Fixed - Language Issues - German
- Fixed - Licence agreement
- Fixed - Naming convention
- Fixed - Options screen in Net2 should not allow offline exempt regions to activate
- Fixed - Remove full stop from 'Welcome to Net2 Access Control.'
- Fixed - Renaming Access levels crash
- Fixed - Renaming areas crash
- Fixed - The Codes' tab doesn't have box to enter the code in.
- Fixed - Timesheet Error - duplicate events
- Fixed - Triggers and Actions showing all door types
- Fixed - Upgraded Net2 systems display the dummy product key in the UI about dialogue
- Fixed - User screen tabs missing field names
- Fixed - Users taking too long to load
- Fixed - Viewing holiday chart for multiple users doesn't work
- Fixed - Weekly total not showing correctly on AutoClockIn
- **Firmware Update - Net2 Classic, Net2 Plus, Net2 Nano and Easyprox nano**

## **Net2 V4.22.6213 Release (16/09/2011)**

- New - Net2 Go Pro
- Fixed - KB 1178 - 1 minute Timezone does not trigger relay
- Fixed - KB 1194 - Invalid Application License error on install
- Fixed - KB 1238 - Timesheet not clocking out at midnight
- Fixed - KB 1303 - Unable to configure I/O board & other issues
- Fixed - KB 1312 - Timesheet Print button inactive
- Fixed - KB 1321 - Access denied on Net2 nano after csv import
- Fixed - KB 1322 - Card Designer "Invalid Fieldname" error

- Fixed - KB 1331 - Gateway address missing from Net2Air Ethernet bridge
- Fixed - KB 1342 - Find User not working on non-UK OS
- Fixed - KB 1343 - Unable to restore a database from backup
- Fixed - KB 1344 - Incorrect warning when deleting an ACU
- Fixed - KB 1345 - Unable to rename Net2 plus ACUs via the tree menu
- Fixed - KB 1346 - Unable to upgrade previous versions to v4.21
- Fixed - KB 1347 - Net2 nano or Easyprox nano names not changing
- Fixed - KB 1349 - ACU names not updating correctly on alternate language settings
- Fixed - KB 1353 - Card Designer font display error
- Fixed - KB 1354 - Offline activation generates script error
- Fixed - KB 1355 - UIV not working for Events Only and Standard operators
- Fixed - KB 1356 - Unable to alter the refresh rate for HTML reports
- Fixed - KB 1357 - Timesheet hours not displaying correctly on holiday report
- Fixed - KB 1358 - Fire alarm tab, text not displaying correctly
- Fixed - KB 1359 - Access level not valid/Lockdown events on top.
- Fixed - KB 1360 - Anti-passback based on cards, not users
- Fixed - KB 1363 - Incorrect "Access denied - Lockdown in Progress" events
- Fixed - KB 1369 - ACUs disappear from Site Graphic after being replaced
- Fixed - KB 1374 - User images creating a large database
- Fixed - KB 1376 - Intruder alarm stops working when server is disconnected
- Fixed - KB 1379 - Dedicated micros integration failure
- Fixed - KB 1380 - Changing holiday dates in Timesheet sets the holiday total to zero
- Fixed - KB 1381 - Fire doors not opening correctly
- Fixed - KB 941 - Refreshing data message loop
- Fixed - 'Activate Lockdown' button generates alarm
- Fixed - 'Create Copy' database name is wrong
- Fixed - 'Create Desktop shortcut' in 'Events' doesn't work correctly
- Fixed - 'Current validity tab' door names going white
- Fixed - Able to set readers as clock in/out on new 'Lite' installations
- Fixed - All hours all doors access level failure
- Fixed - Can't rename timezones to itself
- Fixed - Clocking in and clocking out options are missing from the reader operating modes.
- Fixed - Codes tab on Nano not changing when switching doors
- Fixed - Configuration utility application only starts if "Run as administrator"
- Fixed - Custom field names crashes Net2
- Fixed - Default reset lockdown message selected should be 'No'
- Fixed - Do not prevent install if screen resolution is low
- Fixed - EU License Agreement
- Fixed - I/O Board configuration issues

- Fixed - LockDown Events are on top
- Fixed - Lockdown Icon
- Fixed - Net2 Plus intruder alarm text
- Fixed - New users being denied access
- Fixed - Options in 'Events' program need to be 6
- Fixed - Reader LED error when using a trigger to hold open a door
- Fixed - Reinstalling v4.18 after v4.19 brings up license error
- Fixed - Setting the category in AutoClockIn
- Fixed - T&A - Run executable - crashes if exe and file to run entered in path
- Fixed - T&A Issues - Input pressed released & \*.wav files
- Fixed - Timesheet events to refresh events list
- Fixed - Translation problems on Dutch language installation
- Fixed - UI not opening
- Fixed - Wiegand reader 26 bit with site code usability issues
- Fixed - Windows 64-bit timesheet printing
- **Firmware Update - Net2 Classic & Net2 Plus**

#### **Net2 V4.21.5927 Release (27/06/2011)**

- New - 200 concurrent TCP/IP devices
- New - Caller ID token type and number truncating
- New - I/O Board replacement
- New - Security Lockdown
- New - Texecom Intruder Alarm integration
- New - Two Locks on One Door
- New - Wiegand 26-bit with site code
- New - Wiegand and Net2 Nano compatibility
- Improvements - Triggers and Actions: 3 new actions
- Improvements - Triggers and Actions: 8 new triggers
- Improvements - Triggers and Actions: new setup wizard
- Feature Request - Ability to add a custom card data format when using Net2 nano
- Feature Request - Ability to set a T&A rule to send an email when the battery is low
- Feature Request - Ability to set up a rule that will advise when a Keypad Hacker event has been generated
- Feature Request - I/O board relays to operate by Timezones in same way ACUs can.
- Feature Request - Selecting a specific time to trigger an output and able to select a Time Zone this applies during.
- Feature Request - The option to loop the wav file for a set amount of times
- Feature Request - When an alarm is set to play on the Server PC the option to have this running continuously.
- Fixed - 'Only unlock the door...' setting ignored by Net2
- Fixed - 'Reset fire alarm' button remains active



- Fixed - Access level not valid/Lockdown events on top.
- Fixed - Add User screen closes if no card template is selected
- Fixed - Anti-Passback - Ensure that users are accountable when AP is broken
- Fixed - Anti-passback with duplicate users
- Fixed - Authenticated OEM Client connection closing
- Fixed - Easyprox - nano status error
- Fixed - Editing a Timezone, unable to apply
- Fixed - Exit events not showing under 'All Events' report
- Fixed - I/O board online status
- Fixed - Incorrect text displayed on Japanese Find User screen
- Fixed - Intruder alarm LED not functioning
- Fixed - Long WAV files fail to play via Triggers and Actions
- Fixed - MAC address input error
- Fixed - Missing apply button at minimum resolution 1024x768
- Fixed - Net2 Config can be slow to detect TCP/IP interfaces.
- Fixed - Net2 plus - Alarm integration triggering relay 2
- Fixed - Net2 server icon not displaying
- Fixed - Net2 Server stopping
- Fixed - No user authentication required for UserImageVerification.exe
- Fixed - No user name for alarm armed event when arming with Token + PIN / Relay 1 fails to change state
- Fixed - OEM SDK: cannot add .NET reference
- Fixed - Offline activation, Site ID missing
- Fixed - Page break only works when roll call is auto printed
- Fixed - Reader 2 not granting access when intruder alarm is active
- Fixed - Relay 1 remains toggled open
- Fixed - Renaming site graphic causes UI to crash
- Fixed - Replacing a Bridge
- Fixed - Splash screen display error
- Fixed - Timesheet categories cannot be changed
- Fixed - Timesheet totals not calculating
- Fixed - US translations not active by default
- Fixed - User Summary missing
- Fixed - Vehicle Registration Search failure
- Removed - Access to UIV via .exe file
- **Firmware Update - Net2 Classic, Net2 Plus, Net2 Nano & Easyprox nano**

#### **Net2 V4.19.5507 Release (09/02/2011)**

- Improvements - Change activation code text box to four boxes
- Improvements - Insert Net2 config utility option for disabling the 'Buy tokens' link

- Improvements - Make activation tab only visible by a user with system engineer access level
- Improvements - Remove pre-population of installer key
- Improvements - Show installer details if present even with no internet connection
- Improvements - Un-registering a site only by an engineer (button only)
- Improvements - US Translations
- Fixed - "Door opened" events from Areas within an Area group
- Fixed - "This record has been changed by another user" error
- Fixed - Anti-passback does not work with PINs
- Fixed - Antipassback not reset when fire alarm is triggered
- Fixed - Czech start page missing icons
- Fixed - Deleting a Timesheet category
- Fixed - Deleting Areas causes a Runtime error
- Fixed - Duplicate PIN numbers do not work with "Token plus PIN"
- Fixed - Easyprox nano not updating correctly
- Fixed - Events count no longer active
- Fixed - Hungarian language not displaying correctly
- Fixed - Input name not displaying in email
- Fixed - LOCAL\_MACHINE.reg file in DB copies
- Fixed - Lost tokens do not generate an Access Denied event
- Fixed - Nano events page does not update
- Fixed - Offline Activation failure
- Fixed - Printing a Timesheet report that is >2 pages long prints blank page first.
- Fixed - Renaming standard reports
- Fixed - Replace ACU Wizard fails to update Triggers and Actions
- Fixed - Server Configuration Utility typo
- Fixed - Timesheet name format does not change
- Fixed - Toggle relay doesn't generate "Access Permitted" event
- Fixed - Token expiry date ignored by Timesheet
- Fixed - Unable to import a .vcf file
- Fixed - Unable to print card via the 'Add User' screen
- Fixed - User added to the Roll Call report although "No access made"
- Fixed - User name missing from denied PIN events
- Fixed - Watchprox token type selection missing
- Fixed - Webcam integration failure on XP
- **Firmware Update - Net2 Classic and Net2 Plus**

## **Net2 V4.19.5317 Release (17/12/2010)**

- New - Additional Pelco DVRs (DX 45/4600 and 8100) integrated
- Improvements - Activation details to be refreshed if changed every 7 days automatically

- Improvements - Blue spinning circles 6 and replaced with number of pending messages
- Improvements - New type of Easyprox scheduled wake-up event added to show "failed" scheduled wake-ups
- Fixed - Default Access Levels / Timezones can be deleted
- Fixed - Language not translated on Danish v4.18
- Fixed - Saturday "Access Denied" events
- Fixed - Saturday Timezone fault
- **Firmware Update - Net2 Classic and Easyprox nano**

## **Net2 V4.19.5215 Release (22/11/2010)**

- New - Net2 Activation
- Improvements - Updated to Milestone SDK v3.5 - added support for H.264 Codec
- Fixed - 'Add new control unit' can crash Net2
- Fixed - Access denied events for Easyprox nano and nano devices
- Fixed - Access Denied users still show on the Roll Call Report
- Fixed - Access level not valid events on top.
- Fixed - Access rights not displayed correctly under ACU tab
- Fixed - ACU generates false token number
- Fixed - ANPR reader does not update user location
- Fixed - Camera integration, host name text incorrect
- Fixed - Cannot add 50,000 users
- Fixed - Cannot select AM or PM for Roll Call report
- Fixed - Custom reports date and time selection
- Fixed - Deleted site graphics causing UI to crash
- Fixed - Duplicate PIN generates System Engineer access events
- Fixed - Events database exceeding limit
- Fixed - Exacq Vision: Camera integration tab missing
- Fixed - I/O board installation & configuration issues
- Fixed - Preset categories cannot be deleted.
- Fixed - Saturday "Access Denied" events
- Fixed - Saturday Timezone fault
- Fixed - Site Graphic ACU labels overlapping
- Fixed - System events showing when reporting on all users
- Fixed - Timesheet drop-down box remains on UI
- Fixed - Token 'valid from' date
- Fixed - Unable to enter 3 digit IP address
- Fixed - Unable to set a reader to 'Desktop reader' operating mode
- Fixed - User name missing from denied PIN events
- Fixed - Various issues using "Find User"
- Fixed - Vehicle Registration Search failure

- **Firmware Update - Easyprox nano**

#### **Net2 V4.18.4902 Release (16/08/2010)**

- Fixed - Anti-passback reset failure
- Fixed - Cardlock firmware change for Net2 Nano
- Fixed - Timed Anti-passback not working
- Fixed - User name missing from denied PIN events
- **Firmware Update - Net2 Nano**

#### **Net2 V4.18.4801 Release (01/07/2010)**

- Improvements - New Pelco drivers and API
- Fixed - No user for 'Token + PIN' or 'Token + Code' nano events
- Fixed - Unable to edit Exacq Vision port
- **Firmware Update - Net2 Nano**

#### **Net2 V4.18.4613 Release (25/05/2010)**

- New - Exacq DVR integration
- New - Sagem compatibility
- New - Wiegand Keypad support
- Fixed - 'Add new token' window - spelling mistake
- Fixed - 1 'blue spinning circles' appearing continuously on Net2 Plus
- Fixed - 3rd party readers activate "Keypad Detected" event
- Fixed - 4 fails on Danish OS
- Fixed - Anti-passback events can cause pending messages queue
- Fixed - Error importing large CSV on large database
- Fixed - Expiry date
- Fixed - Net2 nano contact monitoring
- Fixed - Non-UK characters not displaying correctly
- **Firmware Update - Net2 Classic, Net2 Plus and Net2 Nano**

#### **Net2 V4.17.4514 Release (20/04/2010)**

- Improvements - Easyprox nano battery performance and functionality
- Fixed - 3rd party cards no longer working on USB Magstripe DTR
- Fixed - Cannot edit 'Time logged per day'
- Fixed - Clockedin.html incorrect status
- Fixed - Copyright data missing from splash screen
- Fixed - Danish Net2 language error
- Fixed - Deleting nano or Easyprox nano removes all Codes
- Fixed - Easyprox nano as DTR with Timed Operating Mode
- Fixed - Editing holiday entries

- Fixed - Error 9 when manually adding a TCP/IP node
- Fixed - Manually changing entries in Timesheet
- Fixed - Only 8 printers can be added in Net2
- Fixed - Whosin.html file, tab display
- Fixed - Workstation "Revert to mode 1"
- **Firmware Update - Net2 Nano and Easyprox nano**

## **Net2 V4.17.4424 Release (30/03/2010)**

- New - Easyprox nano battery indicator
- New - Net2 Log Collector
- Fixed - Access level not valid events on top.
- Fixed - Access rights do not display correctly when using just reader 2.
- Fixed - Amending / adding Timesheet entries.
- Fixed - Amending custom card format.
- Fixed - Anti-passback does not work with PIN user.
- Fixed - Anti-passback referral process.
- Fixed - Automatic Roll Call printing.
- Fixed - Camera integration tab missing
- Fixed - Cannot connect to server after importing large database
- Fixed - Codes not saving on Net2 nano
- Fixed - Commissioning Mode.
- Fixed - Custom reports date and time selection.
- Fixed - Danish welcome page
- Fixed - Deleting manually added TCP/IP nodes.
- Fixed - Duplicating access level issue - users barred access.
- Fixed - Enabling / disabling commissioning mode.
- Fixed - Erroneous 'Input 4' and 'APB cleared' entries showing in reports screen.
- Fixed - Events only Operator.
- Fixed - Expiry date added in error when adding user when using Net2 on foreign operating system.
- Fixed - Fire alarm input drop down box greyed out after acknowledging fire alarm.
- Fixed - Firmware upgrade will fail when using v4.14 and a modem.
- Fixed - HTML Reports, text not displaying correctly
- Fixed - Importing database can show doors online.
- Fixed - Importing database with a custom Wiegand format to non-custom Wiegand format systems.
- Fixed - Installation warning "LangRes.dll".
- Fixed - JVC Camera Integration
- Fixed - Local Alarm and Intruder Alarm integration.
- Fixed - Long ACU names do not display correctly in Triggers and Actions.
- Fixed - Lost token affects PIN validity.

- Fixed - Moving the Net2 database to another location.
- Fixed - Net2 nano status.
- Fixed - No user name against an 'alarm armed' event when set using PIN.
- Fixed - No user name for alarm armed event when arming with Token + PIN.
- Fixed - Non-UK welcome page
- Fixed - Number Plate import via CSV
- Fixed - OnSSI NETDVMS "Object Reference Error"
- Fixed - Ping changes to 1 IP settings.
- Fixed - Problem searching for card number when using Custom Token Format.
- Fixed - Public holiday causes nano to open relay
- Fixed - Removing PIN from a PIN only user does not prevent the PIN allowing access at a door.
- Fixed - Renaming "Working hours".
- Fixed - Renaming ACUs direct from doors screen.
- Fixed - Replace Wizard not transferring all data
- Fixed - Shadow cards.
- Fixed - Site Graphics and acknowledging alarms.
- Fixed - Sort by date in Net2 Timesheet
- Fixed - Timesheet 1st January not showing in user holiday report
- Fixed - Timesheet Administrator.
- Fixed - Timesheet print missing site name.
- Fixed - Timesheet report missing information
- Fixed - Token expiry date ignored by Timesheet.
- Fixed - Token type incorrect.
- Fixed - Triggers and Actions activation time.
- Fixed - Triggers and Actions not running from I/O board events
- Fixed - Unable to downgrade.
- Fixed - Various ClockedIn.html issues.
- Fixed - Various User Image Verification issues.
- **Firmware Update - Net2 Classic, Net2 Plus and Net2 Nano**

#### **Net2 V4.16.4220 Release (20/01/2010)**

- Improvements - IO Boards
- Fixed - 1st January not showing in holiday chart
- Fixed - Site Graphics issues
- Fixed - SQL Timeout issue
- **Firmware Update - None**

#### **Net2 V4.16.4117 Release (18/12/2009)**

- New - Windows 7 (32bit and 64bit OS) compatibility
- Improvements - Anti passback

- Improvements - IO Boards (detection/configuration/4s)
- Fixed - Anti-passback Reset
- Fixed - CSV import issues
- Fixed - Invalid PIN causes Keypad to lock out
- Fixed - Large amount of messages generated from CSV import
- Fixed - Milestone camera not initialised
- Fixed - Net2 nano Saturday Timezone
- Fixed - Net2 nano Timezones
- Fixed - Timesheet sickness entries
- Fixed - Unable to add user image
- **Firmware Update - Net2 Nano & Easyprox nano**

#### **Net2 V4.16.4012 Release (12/11/2009)**

- New - Mace and Pelco DVR Support.
- Improvements - Desktop reader token reading.
- Improvements - I/O board robustness.
- Improvements - Net2 nano communications.
- Fixed - "Revert to mode 1" cannot apply.
- Fixed - Anti-passback does not work with PIN user.
- Fixed - Invalid PIN causes Keypad to lock out
- Fixed - Net2 nano requires reset before rebinding to replacement bridge.
- **Firmware Update - Net2 Plus**

#### **Net2 V4.16.3829 Release (05/10/2009)**

- Fixed - "Revert to mode 1" option missing.
- Fixed - 'I/O board not responding' events after restarting server.
- Fixed - 12 hour clock advanced search and report wizard issue.
- Fixed - Deleting a door from tree view.
- Fixed - Deleting an IO board.
- Fixed - Door forced alarm triggers in error when using door contacts with a door connected to relay 2 in toggle mode.
- Fixed - Hours shown on monthly report incorrect.
- Fixed - Unable to restore a backup.
- Fixed - User Image Verification, image will not display.
- Fixed - Workstation compressed drive installation error.
- Fixed - Workstation language displays in English by default.
- **Firmware Update - Net2 Classic, Net2 Plus, Net2 Nano and Easyprox nano**

#### **Net2 V4.16.3815 Release (17/09/2009)**

- Fixed - 'At a specific time...' trigger still runs when unchecked.

- Fixed - 'First and last events' report does not display correct total hours.
- Fixed - 'When a system setting is changed' trigger does not work.
- Fixed - Camera integration can run-time error.
- Fixed - Cannot rename an ACU from the tree view of Net2.
- Fixed - Creating new report - adding all users, before removing some
- Fixed - CSV import issues.
- Fixed - Duplicated events using advanced search.
- Fixed - Easyprox nano - unable to bind / poor range.
- Fixed - Japanese print preview issues.
- Fixed - Keypad operation does not work in the same way as a classic ACU.
- Fixed - Net2 integration with Milestone using Bulgarian regional settings.
- Fixed - Net2 nano and classic alarm acknowledgement.
- Fixed - Net2 nano has both an in and an out reader available for selection when using Triggers and Actions.
- Fixed - Net2 nano relay output follows lock output settings.
- Fixed - Net2 plus readers are not auto-configured when a valid user token is presented at the reader.
- Fixed - PIN database import issues.
- Fixed - Unable to add a new user as an operator without restarting Net2.
- Fixed - Unable to print events from the doors screen.
- Fixed - USB Desktop Reader - intermittent operation
- Fixed - Using the Add a new rule option under the 'Net2 actions' section will replace the first rule in the Triggers and Actions list, instead of adding a new one.
- **Firmware Update - Net2 Nano and Easyprox nano**

#### **Net2 V4.16.3720 Release (20/08/2009)**

- New - Duplicate PINs are now supported (For token + PIN mode only).
- New - When using only Net2 plus control units on a site, it is now possible to enable support for up to 50,000 users, and custom length PINs (4-8 digits).

#### **Net2 V4.15.3616 Release (17/07/2009)**

- New - Added support for new USB Desktop Reader with additional Mifare and Hitag 1 support.
- Fixed - Delete token/user issue with Net2 plus.

#### **Net2 V4.15.3525 Release (29/06/2009)**

- New - Added an automatic software update checker to end of install process.
- New - Added support for Easyprox nano control units.
- New - Support for Polish and Simplified Chinese.
- Fixed - 2 I/O board detection and configuration.
- Fixed - Configuration of Ethernet to Net2Air bridge when being used across a WAN.

#### **Net2 V4.14.3231 Release (01/04/2009)**



- New - Net2 Plus support
- Fixed - Channel could incorrectly re-start when not required.
- Fixed - CSV user import would fail if some records had user id's specified, and others did not.
- Fixed - Installation of Adobe Acrobat reader now optional.
- Fixed - Installation of SQL server could fail on Windows XP SP2.
- Fixed - Manually adding a TCP/IP device could result in an incorrect IP conflict warning.
- Fixed - Net2 plus 4 could fail due to a TFTP issue.
- Fixed - Net2 plus 4d to fix an issue whereby the device could reset if their network had a large volume of UDP broadcasts.
- Fixed - PING, within the Net2 Configuration Utility was not working on some Vista PC's.
- Fixed - USB Net2Air Bridges could not be detected if the PC had no network adaptors.

### **Net2 V4.13.3124 Release (25/02/2009)**

- Fixed - A new 'Commissioning mode' feature has been implemented which allows a site to be 'locked down' preventing the accidental addition of new devices. This is especially useful with Net2 nano devices.
- Fixed - Added a referral process to the anti-passback feature to make anti-passback more reliable.
- Fixed - Allow the '?' character to be specified in the vehicle number plate entry. Under conditions where the ANPR camera cannot identify a specific character in the number plate, it will substitute a '?' character.
- Fixed - An issue with data compression has been resolved, which could cause connectivity problems between client and server.
- Fixed - During a software update, the upgrade could fail if the database was in use by another process. This issue has been resolved.
- Fixed - During the installation of Net2 software, scripting methods were used to determine whether the selected disk drive was compressed, and suitable for the SQL installation. When scripting had been disabled on the PC, this process would fail. An alternative generic solution has been implemented to fix this problem.
- Fixed - Ethernet devices are now listed in alphabetical order, in the Server Config utility.
- Fixed - Fixed a European/EM4100 desktop reader issue.
- Fixed - Fixed a formatting issue with 'Print user summary'.
- Fixed - Fixed a modem initialisation issue.
- Fixed - Fixed a problem with 'Mandatory user profiles'.
- Fixed - Fixed problem displaying time in 12Hr format.
- Fixed - Fixed the IndexOutOfRangeException that could be thrown by the Net2 Server.
- Fixed - If a user has multiple tokens, there could be a problem adding additional tokens. This problem has been fixed.
- Fixed - Improved communication validation.
- Fixed - Improved Ethernet device configuration performance.
- Fixed - Improved Trigger and Actions processing performance.
- Fixed - Improved user import data validation.
- Fixed - In addition to the current support for Milestone XProtect Professional and Enterprise, there is now also support for Milestone XProtect Corporate.
- Fixed - In Triggers and Actions, the syntax highlighting was not working correctly in Japanese. This has now been fixed.

- Fixed - It is now possible to configure a Net2 ACU to run silently, by disabling its sounder in the configuration page.
- Fixed - Language support for Bulgarian and Finnish has been added.
- Fixed - Operational permissions have been implemented so that only supervisors and system engineers can acknowledge alarms.
- Fixed - The Net2 Server has had additional error handling added to make it even more stable.
- Fixed - The Net2 User Interface would crash when the 'Detect' button was clicked under 'Camera Integration' if a camera server had not been added. This has been resolved.
- Fixed - The OEM Client now passes up all events from a door, and not just the Access Permitted events.
- Fixed - The Triggers and Actions trigger 'When a user is denied access through a door...' now include the 'Token not valid' event.
- Fixed - There is now an 'Identify' button on the Net2 configuration page, within the Net2 User Interface. When clicked, it caused the associated Net2 ACU to beep, which can be a useful feature to assist an installer in locating a particular ACU.
- Fixed - There was a problem with the authentication method on the User Image Verification form, which could result in the authentication failing. This has been resolved.
- Fixed - There was an issue configuring Ethernet adaptors, if the PC had multiple network interfaces.
- Fixed - Token could fail to activate on the specified day. This has been resolved.
- Fixed - When adding a new Net2 Operator, you can search for the user rather than having to select from a drop down list.
- Fixed - When adding a vehicle number plate, lower case letters are now automatically converted to upper case.
- Fixed - When importing a CSV file, it now checks for duplicate PIN's.
- Fixed - When importing users from a CSV file, if no department was specified it would create a department with no name, rather than importing the users into the root directory. This problem has been fixed.
- Fixed - When printing a user's card, where a card template has not yet been associated with the user's record, it prompts for the operator to select one.
- Fixed - When selecting 'Individual permissions', it now bases the starting template on the previously selected access level.
- **Firmware Update - Version 4.13.3124 includes an update to the ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

## **Net2 V4.13.2706 Release (08/10/2008)**

- Fixed - Camera integration did not work with multiple DM servers. This issue has been resolved.
- Fixed - Large custom start pages could result in the Net2 UI hanging during login. This was due to a transmission timeout whilst transferring the pages from server to client. This process has been speeded up to improve the issue, however, custom start pages (including images) should be kept as small as possible (< 10MB).
- Fixed - Replace/Delete ACU would fail for systems that have very large events databases, due to a SQL timeout. This has been resolved.
- Fixed - The 'Tools\Copy data' menu item on a user record did not work. This has been fixed.
- Fixed - When a property change was made within the Card Designer, the application would lose focus, and could be hidden behind another window. This has been resolved.
- Fixed - When custom card formats are being used, the upgrade to previous V4.13 release builds resulted in the card format ID's becoming orphaned. This caused an error when loading the ACU configuration page, resulting in the tabs being greyed out. This problem has been fixed.

- **Firmware Update - Version 4.13.2706 includes an update to the ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

#### **Net2 V4.13.2521 Release (26/08/2008)**

- Fixed - Acer laptops are shipped with a restricted security configuration, which causes problems with the Net2 installation. Setup now restores the required security settings.
- Fixed - Fixed a problem with database imports on some non-UK operating systems.
- Fixed - Improved stability of the USB communications adaptor.
- Fixed - IO Boards could not be configured with static addresses. This has been fixed.
- Fixed - The 'At a specific time' trigger was not being logged in the event history. This has been fixed.
- Fixed - The events viewer would time out on large queries. This has been resolved.
- Fixed - There was a problem with card formats where the number of digits was less than 8. This problem has been resolved.
- Fixed - Updated some missing translation entries.
- **Firmware Update - Version 4.13.2521 includes an update to ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

#### **Net2 V4.13.2415 Release (16/07/2008)**

- New - A new 'User image verification' tool has now been added to Net2, which allows an operator to monitor a door and view the user image of users as they pass through it.
- New - DVR Camera integration now allows multiple DVR's to be connected.
- New - Net2 now supports dataline connectivity via the USB/485 converter.
- New - New feature - Net2 Timeline.
- New - New feature - User record VCF export/import.
- Fixed - A problem printing the Roll call report to multiple printers has been resolved.
- Fixed - ACU's could unexpectedly go offline. A problem has been addressed.
- Fixed - Better webcam support, fixing problems with some inbuilt laptop webcams
- Fixed - Card designer did not print filled shapes correctly. This has been fixed.
- Fixed - Double clicking on an event in the events list could crash the user interface. This has been resolved.
- Fixed - Fixed a problem with Export/Re-Import of CSV files.
- Fixed - Incorrect hours format in 'First and last event' report has been fixed.
- Fixed - It is now possible to delete ACU serial number 000000
- Fixed - New tokens might not work with older PROXIMITY readers. This problem has been addressed.
- Fixed - SQL Error 1067 - Installing Net2 on an Acer Laptop/PC. This problem has been resolved.
- Fixed - The anti-passback reset button did not function correctly. This has been fixed.
- Fixed - The start page is now propagated from the server PC.

#### **Net2 V4.12.2031 Release (02/04/2008)**

- Fixed - Custom card formats were not upgraded correctly. Systems that upgraded, and were using custom card formats, could have resulted in cards not working. This issue has now been resolved.
- **Firmware Update - Version 4.12 includes an update to ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

#### **Net2 V4.12.2026 Release (26/03/2008)**

- Fixed - Clicking the 'Print Card' button on a user's record did not work. This problem has been resolved.
- Fixed - Net2 channels incorrectly displayed their channel type as a USB channel. This has now been fixed.
- **Firmware Update - Version 4.12 includes an update to ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

#### **Net2 V4.12.2017 Release (19/03/2008)**

- New - Net2 now supports integration with Dedicated Micros NetVu Connected products.
- New - Net2 now supports integration with Sony's new ANPR (Automatic Number Plate Recognition) camera.
- New - The Milestone feature used to be enabled by running the Milestone remote client installation on the server PC. It can now be enabled simply by selecting the 'Milestone' feature on the Server Configuration's Features tab.
- New - The roll call feature used to rely on a Net2 user interface running. The roll call engine is now located in the Net2 Server and can be made to print automatically in the event of an incident.
- New - The Server Configuration utility now allows any System Engineer to log in.
- New - There is now an option, available through the Server, to disable the Net2 Server from starting automatically at Windows start-up. When automatic start-up is disabled, the Net2 Server will be started by the Net2 user interface, when it is run, and automatically shut down when the Net2 UI is closed. This will only work when the Net2 UI is run on the same PC that the Net2 Server is installed onto.
- Fixed - A problem has been identified with the dialling/hanging up of modems. This problem has been resolved.
- Fixed - Adding a token to a user record could take a long time on sites with a large number of ACU's/Users. This has been resolved.
- Fixed - Compatible with Microsoft Vista Service Pack 1
- Fixed - Fixed a problem with the WebCam feature, which did not work with certain types of camera.
- Fixed - It is now possible to search for compound names, such as 'John Smith' rather than only 'John' or 'Smith'.
- Fixed - The Net2 Communications Server now takes less CPU time, by using thread pools more efficiently.
- Fixed - The various lists in the Triggers and Actions feature are now sorted more logically. Where appropriate, the list's sort order can be selected by clicking on the column headers.
- Fixed - There are now OEM methods to open and close doors, and to flash access permitted/denied status.
- Fixed - Triggers related to valid or invalid access events did not work for 'Token plus PIN'. This has been resolved.
- Fixed - User import has been significantly speeded up.

- Fixed - When a TCP channel became unavailable, the channel did not always re-establish itself properly. This has been resolved.
- Fixed - When printing a card, designed in the new Net2 Card Designer, a rectangular place holder with a cross in it would be printed, when a card was printed for a user that did not have an image. Under these circumstances, the image placeholder is no longer printed.
- Fixed - When the intruder alarm feature is being used, and more than one ACU has been integrated with the intruder alarm system, rogue armed/disarmed events would be generated. As each ACU detected that the state of the intruder had armed/disarmed, it would generate an event indicating that the last user to use that particular ACU was responsible for the arming/disarming action. This has been resolved.
- **Firmware Update - Version 4.12 includes an update to ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

### Net2 V4.11 Release (10/12/2007)

- New - Add 'Purge User' to OEM Client library.
- New - The Net2 Card Designer is a new addition to the Net2 software. It allows card templates to be created, associated with users and printed.
- New - USB WebCam Capture provides a simple way to capture a user's image and add it to their user record.
- Fixed - Allow hyphens in vehicle registration numbers.
- Fixed - Fixed a problem logging in to the Card Designer (Build 1713)
- Fixed - Fixed a problem logging into Timesheet (Build 1802)
- Fixed - Fixed a problem when deleting a department (Build 1712)
- Fixed - Fixed a problem with operator passwords in Japanese, whereby certain lengths of password did not store correctly.
- Fixed - Fixed a problem with the auto-healing feature, when used in Wiegand mode.
- Fixed - Fixed an import problem with European languages, where the comma character is used as a decimal delimiter.
- Fixed - There was a problem upgrading V3 sites to V4.09. This required the installation to be re-run, or the database exported and imported. This problem has been resolved.

### Net2 V4.09 Release (01/10/2007)

- New - An OEM interface is now available.
- New - Enhanced camera integration, now with support for Milestone, OnSSI and the JVC VR-N900U
- New - New language support for Czech, Hungarian, Romanian, Swedish and Portuguese.
- New - The Net2 user interface now has a new Event Viewer, which allows faster, more configurable viewing of events.
- New - The server configuration tool has 2 new options; Display reader LED's in OEM style and Hide reader LED's.
- New - The server has been made compatible with the UDS1100 Ethernet adapter.
- New - The token type can now be set, to allow better identification of the tokens a user has.
- New - There is a new 'self healing' feature, where the data in the ACU is restored automatically, in the event of memory corruption.
- Fixed - Better exception handling.
- Fixed - Fixed a problem whereby a timeslot could be accidentally deleted, by clicking the delete button, even if the user interface was not in focus.

- Fixed - Pictures are now stored in the database, for better backup recovery.
- Fixed - The 'Find user' feature has been improved, to allow searches based on name, token number or vehicle registration number.
- Fixed - The Export feature did not format the activation and expiry dates consistently. This has been resolved.

#### Net2 V4.08 Release (01/07/2007)

- Fixed - There was a problem selecting the default printer with Roll Call, when a card printer was also used on the system. This used to give a 'Column too narrow' error message. This has been resolved.

#### Net2 V4.07 Release (01/03/2007)

- New - Net2 is now compatible with Microsoft Vista
- New - The Net2 Communications Server now supports up to 50 datalines. A dataline can have up to 200 control units, however, there is a total ACU limit of 500 units.
- New - Timesheet is now a standard feature. (Previously it was only available in the Professional version)
- New - Wiegand format support is now a standard feature. (Previously it was only available in the Professional version)
- Improvements - It is now possible to specify the reader operating mode whilst the intruder alarm is armed. For instance, you may require card + PIN to disarm the alarm, but card only for normal access, once the alarm has been disarmed.
- Improvements - PIN's were previously limited to the range 1000 - 9999. From V4.07 we have increased the range to be from 0001 - 9999.
- Improvements - Translations for all languages have now been updated. We have also included language support for Greek.
- Fixed - If a user remains clocked in past midnight, their log in category reverted back to 'Hours Worked' after midnight. It now remembers the category correctly.
- Fixed - Net2 allows a door to be configured to open automatically during a timezone; for instance 9:00 - 17:30 Mon-Fri. If a door is set to open in this way, and public holidays are not entered, then there is the potential for a door to automatically open, when the building is empty; for instance if Christmas day falls on a weekday. To overcome this issue, there is now a check box on the door configuration control, which reads Only unlock the door once a user has been granted access. This will prevent the door from opening automatically, until the first person successfully gains access through the door.
- Fixed - Some operating systems do not have TFTP as standard, which caused an issue when updating Ethernet Adaptor firmware. This has now been fixed.
- Fixed - The door left open alarm is now enabled when the door shunt feature is enabled.
- Fixed - When alarm integration is enabled, the arm and disarm events were not displaying the users name. This issue has now been resolved.
- **Firmware Update - Version 4.07 includes an update to ACU firmware. As part of the update, the firmware will be automatically be updated. Please note that this can take several minutes per ACU on the system, and until the update is complete, the Net2 software cannot be used. The control units will continue to function correctly, during the update, with the exception of the particular ACU which is being updated at anytime.**

#### Net2 V4.06 Release (01/12/2006)

- Improvements - The database has been updated to SQL 2005
- Improvements - When integrated with Milestone, the users image and name are now shown on the video view.
- Fixed - A bug related to timed anti-passback has been fixed.

- Fixed - The communications server has been re-written to give better performance. Specifically, where more than 1 dataline is being used, communications now happen in parallel across the datalines. This means that firmware updates, and sending of messages can happen more quickly.

### **Net2 V4.05 Release (01/09/2006)**

- Improvements - All server error messages are now logged to the system event log.
- Improvements - Multiple alarms can be acknowledged at the same time.
- Improvements - Multiple phrase updates for all supported foreign languages.
- Improvements - Right clicking on a department, in the Net2 tree view, allows Properties to be selected. This in turn allow the activation and expiration dates to be set for the entire department.
- Improvements - The ACU firmware update process has been improved to prevent multiple ACU's from going into download mode. On occasion, this has previously happened, requiring ACU's to be individually re-instated.
- Improvements - The Intruder Alarm 'Arming period' has been restricted to 120 seconds.
- Improvements - The Net2 user record now allows the card type to be specified by right clicking on a users card, in their record.
- Improvements - The Net2 version is now stored in the database for better consistency checking.
- Improvements - The Timesheet 'Transfer Holiday' function is now limited to Supervisor or System Engineer operators.
- Improvements - There is now better PIN checking on a user record. Previously, alpha numeric pins could be entered, which subsequently caused an error to occur. The pin must now be in the range 1000-9999.
- Improvements - There is now support for EM4100 tokens, using the new Paxton Desktop Reader.
- Fixed - Custom reports did not display the event details correctly, leading to the event details being empty. This has been resolved.
- Fixed - If there were lots of Access Levels or individual user permissions, it could take a long time for the Net2 user interface to load. This problem has been fixed.
- Fixed - Net2 V4.xx uses a SQL 2000 (MSDE) database. If SQL 2005 has been installed on the server PC, this caused a connection problem. This problem has been resolved.
- Fixed - The ACU firmware file now includes error checking to prevent a corrupt firmware file from being uploaded to an ACU.
- Fixed - The connection to the UDS10 Ethernet adaptor was previously fixed to TCP port 10001. This can now be changed using the Server Configuration utility.
- Fixed - The validity shown on the user record's 'Current validity' tab was incorrect, when checked on the users 'Expiry date'.
- Fixed - The working hours timezone incorrectly ended at 17:31. This has been corrected to 17:30 for new installs. Existing installs will stay at 17:31, and should be edited manually if required.

### **Net2 V4.04 Release (30/05/2006)**

- Improvements - An ACU detect is now automatically performed when the Net2 Server starts up.
- Improvements - Previously ACU's could only be deleted from the system one at a time. It is now possible to select multiple ACU's, and delete them on mass.
- Improvements - The 'Find User' button has been disabled for 'Events only' operators.
- Improvements - The maximum working day value has been increased from 12 hours to 18 hours, so prevent Timesheet problems for people working long days.
- Improvements - The number of rings, before the modem accepts a connection is now configurable.
- Improvements - There is now support for Arabic and Russian languages.

- Improvements - User Export creates a CSV (Comma-separated values) file. The values are now encapsulated in quotes, to avoid problems where a value could itself contain a comma; such as "All day, every day"
- Fixed - An overflow occurred when there were 32,768 or more pending actions. This has been resolved.
- Fixed - Anti-passback forgiveness intermittently did not work. This has been fixed.
- Fixed - In Timesheet, when adding entries, using the Add Entry form, the application crashed if a department was selected. This has been fixed.
- Fixed - Logging off, via the explorer bar, caused the application to crash. This has been resolved.
- Fixed - Please note that the translation files are not completely up to date in this release, so overseas customers will notice that some phrases are still in English.
- Fixed - When deleting a door from Site Graphics, the Apply button was not enabled. This has now been fixed.

### **Net2 V4.03 Release (06/03/2006)**

- Improvements - Japanese language support has been updated.
- Improvements - Roll call can now be run from a 'Standard' operator login.
- Fixed - Doors are now detected on start-up.
- Fixed - If a user had not made an access in the past 24 hours, they were automatically marked as being out of the building. This could be a problem for some sites, where users remain resident on site for a number of days, and might not necessarily use their token. The Roll Call report duration has been increased to 3 days.
- Fixed - When a Roll Call is generated, it queries the database, to see who is in a specified area. If a user made a non-access event, the user was in-correctly marked as being out of the area, and hence was not shown up on the roll call report.

### **Net2 V4.02 Release (13/02/2006)**

- Improvements - Language support has been updated.
- Improvements - The detection and configuration of the Net2 485 TCP/IP ethernet interface (655-861) has been improved.
- Fixed - The automatic printing of the Roll Call report was not working. This has now been fixed.
- Removed - The 5 client limit in Timesheet has been removed.

### **Net2 V4.01 Release (12/12/2005)**

- Improvements - Language support has been updated.
- Fixed - If multiple areas were defined, the roll call feature only worked correctly, if the report was generated for the first area which had been created. This normally resulted in an empty roll call list. This problem has now been resolved.
- Fixed - The Import Users wizard displayed a black rectangle on its initial page, when run on Windows XP. This has been fixed.

### **Net2 V4.00 Release (16/11/2005)**

- New - Net2 V4.00 release