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1.0 Version 5.11

1.1 Version 5.11 Compatibility

RPS is compatible with the following control panels:

- D2000 Series¹
- D4112/D6112
- D6412/D4412
- D7212B1, D9112B1
- D8112 Series²
- D9000GV2/D9000G/D9000 Series³
- DS7200 Series International⁴
- DS7200 Series USA⁵
- DS7400XiV4-EXP⁶
- Easy Series V2+ and V3+
- Fire Alarm Control Panels (FACP)⁷

¹ D2212, D2112, D2012

To program a D2412 or D2812 control panel, use the D2212 control panel account.

² D8112G2, D8112G1, D8112G, D8112E1, D8112E, D8112A

³ D9412GV2/D7412GV2/D7212GV2,
D9412G/D7412G/D7212G,
D9412/D9112/D7412/D7212,
D9112B1/D7212B1

To create an account in RPS for either a D9412G or D7412G control panel, use either the D9412 or D7412 control panel type.

Use the D7212Gdefault.dsf file on the RPS CD-ROM to create a D7212G account.

⁴ DS7240V2-EXP/DS7240V2-FRA/DS7240V2-SWE/DS7240V2-UK, DS7220V2-EXP/DS7220V2-FRA/DS7220V2-SWE/DS7220V2-UK, CC7240-AUS, DS7240/DS7220, DS7240csc, DS7240-EXP/DS7240-HUN/DS7240-NOR/DS7240-SPA (v1.52 and higher)/DS7240-SPA (v1.05)/DS7240-SWE/DS7240-UK, DS7220-SPA

⁵ DS7240, DS7220

⁶ Use the DS7400XiV4-EXP account to program the DS7400XiV4-BEL, BEF, SWE, SPA, NOR, and FRA control panels. To create a country-specific version of the DS7400XiV4-EXP account, use the appropriate .dsf file located in **X:\Country-Specific Accounts (Exported Files)** on the RPS CD-ROM. "X" = the letter of your CD-ROM drive.

⁷ FPD-7024, D7024/DS9400, D9124 Fire Alarm Control Panels (FACP)

Use the D9124default.dsf file on the RPS CD-ROM to create a D9124 account.

Depending on your installation, some of these control panels might not be accessible.

1.2 Version 5.10 and 5.11 Enhancements

1.2.1 Version 5.11 Enhancements

- In the D9000GV2 control panel accounts, the Panel Items pane was increased in size to eliminate the need for scroll bars.
- RPS 5.11 includes a new version of the RAM II Exporter (Version 00A) for the D4112 and D6112 control panels. For all other control panels that use the RAM II Exporter, Version 004 is also included.
- When a control panel account is exported, RPS 5.11 includes the Time Window information for Unattended Mode.
- RPS 5.11 automatically installs USB drivers for the DX4010V2 Serial Interface Module.
- RPS 5.11 user interface and Easy Series V3+ control panel account support Dutch and Russian.



- In RPS 5.11, the Database Merge tool now allows the user to select which database tables to merge. When upgrading from RPS 5.7 or lower, the Database Merge tool automatically runs. When upgrading from RPS 5.8 or higher, launch the Database Merge tool from the **RPS Toolkit.exe** file on the RPS CD-ROM.
- In RPS 5.11, modems are now grouped by similar control panel types; only one modem initialization (init) string is needed per control panel type.

1.2.2 Version 5.10 Enhancements

- Support for Easy Series V3+ control panel
- Support for upgrading an Easy Series V2+ account to an Easy Series V3+ account
- RPS user interface and Easy Series V3+ control panel account now available in Norwegian
- Support for ITS-DX4020-G Integrated GPRS/GSM IP Communicator
- RPS now provides support for Unattended Over Modem (UOM) and Unattended Over Network (UON) communication initiated by the Easy Series V3+ Control Panel.
- For new installations of RPS, the Locate feature now allows you to search the central station phone numbers and account numbers inside of the control panel accounts. If you are upgrading RPS and a database already exists, first open the **RPSToolKit.exe** file on the RPS CD-ROM, and then click **Tools→Merge Database→Extract Phone Numbers**. After the phone numbers are extracted, you can use the new function of the Locate feature.

1.3 Version 5.10 and 5.11 Fixed Items

- **Incorrect History Event Date Stamp (Easy Series V2 and V3, D7024, FPD-7024):** In a previous release of RPS, if an event occurred on the 31st day of a month, but was retrieved during a month with 30 days, RPS showed the event as occurring on the 30th day, not the 31st day. This issue is now fixed. Events that occur on the 31st day of a month appear with the correct date stamp.
- RPS correctly shows history events that occurred on the 31st day of a month, but were retrieved during a month with 30 days,
- History events logged on the 31st day of a month, but retrieved during a month with 30 days
- **DS7400xiV4 Zone Function 31:** The default for the Allow Bypass option in RPS and the control panel are now both set to **Yes**. The Out of Sync window in RPS will no longer appear when a defaulted DS7400xiV4 control panel connects to a defaulted RPS account.
- **RPS and Windows® Vista Ultimate:** RPS is now compatible with Windows® Vista Ultimate, and installs as expected.

1.4 Version 5.11 Installation Notes

- **Installing SQL Express on a PC with a non-English version of Microsoft® Windows® XP SP3:** When installing SQL Express on a non-English version of Windows XP SP3, the following error message might appear:

“The Windows Installer service cannot update the system file C:\WINDOWS\system32\msxml6r.dll because the file is protected by Windows.”

If this error message appears, cancel the installation and perform the following steps:

1. Make a backup copy of the system registry.
 2. Navigate to the registry key on the RPS CD-ROM at **X:\Windows File Protection Registry Update**.
“X” refers to the letter assigned to the PC’s CD-ROM drive.
 3. Double-click the **WindowsFileProtection.reg** file.
 4. Restart the PC and reinstall SQL Express.
- **Installing RPS after Uninstalling RPS (Windows 2000):** If RPS is installed on a Windows 2000 system after being uninstalled while RPS was configured for a network a, RPS generates an ActiveX® error. To repair RPS when this error occurs:
 1. Click **Start**.
 2. Select **Settings→Control Panel**.
 3. Double click **Add/Remove Programs**.
 4. Select **RPS** from the Currently Installed Programs list.
 5. Select **Change/Modify**.
 6. Select **Repair** to repair the database.

- **Unattended Mode:**

- If you plan to use Unattended Mode when installing RPS on a PC running Windows 2000/XP Pro/Vista, select **Use Existing Database** during the installation instead of changing file locations. You cannot use the Universal Naming Convention (UNC). Map a drive letter instead.



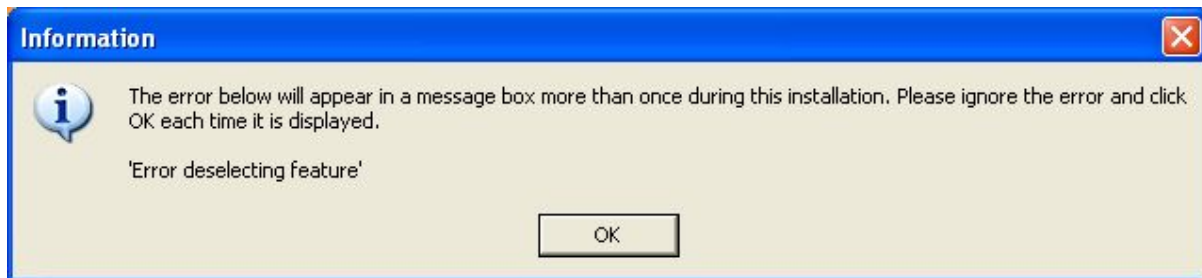
RPS does not support the Unattended Mode for Microsoft® Windows XP Home, Vista Home Basic, or Vista Home Premium.

- If Unattended Operation is installed, stop this service before upgrading RPS. To stop Unattended Operation, select **Unattended→Stop Service** from the Remote Programmer User Interface.
- **Upgrading RPS in a Language Other Than English:** If you are using the English version of RPS (version 3.7.020 or higher) and are upgrading to a version in a language other than English, uninstall the existing version first, then install the non-English version.

1.5 Version 5.10 and 5.11 Known Issues

1.5.1 Installation and Administration Issue

- **Error Message when Upgrading from RPS 5.9 or RPS 5.10 to RPS 5.11:** When upgrading from RPS 5.9 or RPS 5.10 to RPS 5.11, a information message appears to alert the installer that an “Error deselecting feature” message appears several times during the installation.



When the “Error deselecting feature” message appears, click **OK** to clear the message.



This message does not interfere with the upgrade, and it appears only when upgrading from RPS 5.9 or RPS 5.10 to RPS 5.11.

- **RPS 5.9 Desktop Shortcut Icon:** When upgrading from version 5.9 to 5.10, you must manually delete the desktop shortcut icon for version 5.9. This issue does not apply if you are either upgrading from version 5.7 or earlier, or performing a first-time installation of RPS 5.10.
 - **Directory Installation Issue:** Do not install RPS in a directory with a space in its name (for example, “Program Files”).
 - **Uninstalling RPS in Microsoft® Windows® Vista:** When an error message appears during the uninstall process in Windows Vista indicating that RPSProxy is still running, click **Ignore** to continue and complete the process.
 - **Opening an Account During an Unattended Mode Session:** If you open a control panel account while RPS is currently performing Unattended operations on that account, an error message appears. You must wait until RPS completes the Unattended Mode operation with the control panel account before you can edit the account data. To open the account in view-only mode while the Unattended Mode operation is in progress, click **Cancel** on the error message. If the account is still open when RPS completes the Unattended Mode operation, close the account and re-open it. You can then edit the account data at that time.
 - **Importing Accounts with Unattended Mode Enabled:** When importing control panel accounts that are configured for Unattended Mode, ensure that you assign a time window to the imported account. Otherwise, Unattended Mode will not function.
- ### 1.5.2 General Operation Issues
- **Language Settings for Windows Users Without Admin Rights:** If a Windows user who does not have admin rights on the RPS PC changes the default language setting (for example, from English to Spanish), the change is not preserved when RPS is closed and restarted. The setting reverts to the default language.

- **Address Information Lost When Importing Accounts from Version 3.7 to 5.11:** If the address in the Panel Data-Edit window is entered as follows, only the first line is imported from RPS 3.7 into RPS 5.11:

130 Perinton Parkway
Fairport, NY 14450

To preserve the entire address when importing the account, re-enter the address in RPS 3.7 in the following format:

130 Perinton Parkway
Fairport
NY
14450

Each address line is filled in accordingly in RPS 5.11.

- **User Deletion of Accounts:** If a user on one PC is online with a control panel, another user on a different PC can delete that same account. When this occurs, no error message appears on either PC.
- **Backup/Restore and Export/Import:** In all operating systems, when you back up or export an existing RPS database (versions 5.0 to 5.7), two data files are created. When you subsequently restore or import the database from these versions, both data files are required. In RPS version 5.9 and later, only one file is created. To facilitate the organization and tracking of backed-up or exported databases, the user should create a new sub-directory each time the backup or export operation is performed.
- **Saving Reports in Windows XP with Default Network Printer:** If individual or multiple reports are saved by RPS on a Windows XP system, **and the default printer is a network printer**, the Save operation might take longer than normal to complete. On some installations, saving might take about two minutes for a single report, and significantly longer when multiple reports are saved at the same time.

To work around this limitation, set a local printer as the default printer before saving the reports. When you are ready to print, set the network printer as the default.

- **Permanently Uninstalling RPS (Versions 5.7 and earlier):** If RPS on a Windows 2000 system is uninstalled while RPS is configured for a network database, the uninstall operation might fail. To permanently uninstall RPS in this situation:
 1. Copy a default database from the installation disk to a local drive.
 2. Configure RPS to use the local database.
 3. Uninstall RPS.
 4. Delete the network database.
- **Operator Level 15 Account Override:** If an operator with an authority level of 15 overrides and opens an account that another operator already has open and in communication with the control panel, the operator who was online loses the connection. No indication of the disconnection occurs.
The operator who lost the connection should execute an End Task, or End Process, from Windows to cancel the session:
 1. In Windows, press [CTRL]+[ALT]+[DELETE] and select **Task Manager**.
 2. On the Applications tab, select **Remote Programming Software (RPS)** and click **End Task**.
- **Do Not Use UNC When Exporting or Backing Up Files:** Do not use the Universal Naming Convention (UNC) when exporting or backing up RPS files. Map a drive letter instead.
- **Changing the PC's Regional Settings Affects Date Displays:** If you change your RPS PC's regional settings, some date displays might not appear correctly.
- **Invalid Messages:** Some modems can cause RPS to generate an invalid RPS passcode message as a result of a busy phone line. Calling an invalid control panel type (for example, a D7024 account calling a D6412 control panel) does not always cause RPS to generate an Invalid Panel Type error message. An Invalid RPS Passcode message might appear instead.
- **RPS and Door Access Control Module (DACM) Software Compatibility:** If you install RPS and the DACM software on the same PC, the DACM software might not start. Uninstall the DACM software, and then reinstall it.

- **Open Condition on a DACM Door Contact (DS7200V2 and DS7400XiV4-EXP):** An open condition on a DACM door contact appears as a shorted condition in RPS diagnostics.
- **European Characters Not Supported in DS7200V2-EXP Account:** The following characters do not appear in RPS when using the DS7240V2-EXP or DS7220V2-EXP accounts: σ, π, Σ, Π, Ω, Ξ, ζ, δ, Δ, ε, Φ, Γ, γ, η, ι, λ, Λ, κ, Ø, ω, ρ, Θ, Ψ, α, τ, θ, ÿ, Ä, ä, Ö, ö.
- **Creating Country-Specific Versions of DS7200V2-EXP or DS7400XiV4-EXP Accounts:** Use the appropriate .dsf file located in **X:\Country-Specific Accounts (Exported Files)** on the RPS CD-ROM to create country-specific versions of the DS7200V2-EXP or DS7400XiV4-EXP account with country-specific defaults. "X" = the letter of your CD-ROM drive.
- **Incoming Phone Call Indication:** RPS provides no indication of an incoming phone call.
- **Importing Accounts from Older Versions of RPS:** Accounts imported from older versions of RPS do not appear in the Panel List regardless of a successful import message from RPS. This issue applies only to non-English versions of RPS installed on compatible Microsoft Windows operating systems.

1.5.3 Modem Issue

Modem Re-initialization: Some instances have been reported of the modem not re-initializing when switching between RPS and RAM II.

1.5.4 Help File Issues

- **Norwegian RPS General Help File:** The Norwegian RPS general help file contains incorrect operational descriptions for the following features:
 - UOM/UON Tab (Config→System)
 - Hours:Minutes from UTC (Easy Series V2+ and V3+ accounts only)
 - Supported Panel Types (Config→System→Modem Tab)For correct operational descriptions, refer to the English RPS general help file.
- **F1 Not Available:** Pressing the F1 key might open the wrong help topic, or it might not open any help topic.

- **Help File Selections and Defaults:** Some of the control panel Help files show Blank as a valid selection, but RPS might show some of these fields as zero. Some programming defaults listed in the help files might not be accurate. Refer to the defaults in RPS in these cases.
- **Resizing Saved Exported Reports:** To print a saved exported file correctly, some manual resizing might be required for the selected printer.

1.5.5 Print Issues

- **Printing the Program Record Sheet (PRS):** RPS might add extra blank pages when printing the PRS to the .rtf file format. Some PRS reports printed in .pdf or .rtf format might show unaligned data.
- **RPS Uses Default Printer for All But First Report in Multiple Report Group:** When printing multiple control panel reports, RPS sends only the first report to a selected printer other than the default printer. All subsequent reports in the request are sent to the default printer.

1.6 Control Panel Known Issues

1.6.1 D2000 Series Known Issues

- **Panel Event Window Not Working Properly:** The Panel Event Warning window does not work properly for all event levels when the **Continue, New Event** button is clicked. Instead of appearing only for new events, the window continues to appear for previously recognized events.
- **No Warning Message for Overwriting RF ID's (D2212 only):** RPS does not show a message warning against overwriting RF ID's due to differences between the ID codes programmed in the control panel and in RPS. Receive the data and then save it when initially connecting to control panels containing RF ID's.
- **Viewing/Printing Point Notes:** Only the first 64 characters of a Point Note are shown in the **Notes (Ref Only)** cell in the Panel Account window. If a Point Note is printed, only the first 64 characters are printed. To view the Point Note in its entirety, double-click the Point Note cell to open the **View Notes** window.

1.6.2 D6412/D4412 and DS7200 Series USA Known Issues

- **Panel Event Occurs:** If you are online and a Panel Event occurs, clicking the **Display Event Alert Help** button causes the Help window to cover up the Event Warning window. You cannot see the auto-terminate timer unless you close the Help window before the 30-second limit expires.
- **Call RPS at Test Time:** This function currently does not work.
- **Remote Program [#][4][3]:** If the control panel is programmed for callback, it does not call the RPS PC when [#][4][3] is pressed.

1.6.3 D7024 and DS9400 FACP Known Issues

- **History:** When viewing the FACP's history in RPS, Program Start and Program Stop events are not shown if history filters are used.
- **Delayed Retry Count Exceeded Error Message:** When RPS is connected to a DS9400i/DS9400M FACP and the control panel disconnects to report an alarm, it can take up to five minutes before RPS shows the Retry Count Exceeded error message.
- **Invalid Character in Silence Report Event Type:** The opening bracket character, "[", might appear following the user identification under the Details column for a Silence Report event type when uploading the FACP's history log into RPS version 5.11. This invalid character does not affect the operation of RPS or the control panel when online with RPS.
- **Programming a Multiplex I/O Point (DS9400M only):** RPS does not force the output half of a multiplex I/O point type to 0 (zero) for the output zone. It leaves the output zone at the previous setting before the point changed. Use the *Program Outputs/MUX Relay Outputs* section of the control panel's program record sheet to program the output half of the multiplex I/O point type.
- **Zone Outputs When Using a DS9465:** When a zone output for a DS9465 Input/Output Module is programmed, Function 63 (General Alarm – Non-silenceable) is always sent to the control panel regardless of the zone output function selected. Because this output function can be applied only to an input zone, the control panel ignores this selection.

1.6.4 D8112 Series Known Issues

- **D8112 Control Panel Report Error:** If an account exists without an account number, and Error 6003: The account information could not be read appears when attempting to print a Panel Report, open the account, edit the account, and save it. The report now works properly.
- **MemLog Start:** This function is not used.

1.6.5 D9412G/D9412, D7412G/D7412, D7212G/D7212, D9112 Known Issues

Operational Issues

- **Ground Fault Restoral Event:** RPS does not show this event as a restoral event in the History List details.
- **Incorrect Maximum Value Allowed for Poll Rate:** RPS allows a maximum poll rate (RADXAUX→Enhanced Communications) setting of 65,535 sec for Paths 1 through 4. This value is incorrect. The correct maximum setting is 1,275 sec.
- **User Window Defaults:** Upgraded D9112B1/D7212B1 accounts do not properly preserve the 9000 Series User Group default (1) for each of the eight User Windows in RADXSKED→User Group. The upgraded account shows "1" as the default for User Window 1, "2" for User Window 2, "3" for User Window 3,... "8" for User Window 8.
- **Panel Sync Window Appears When Control Panel and RPS are Synchronized:** The Panel Sync Window might appear even if the control panel account and RPS are synchronized.
- **Passcode Rejected During Log % Full Call to RPS:** A call from the control panel to RPS caused by the Log Threshold % event results in RPS rejecting the passcode even if it is valid.
- **History: Relay Set and Relay Reset Events:** The Relay Set and Relay Reset events in the History window do not show which relay (A, B, or C) was activated when RPS performed a Relay Set or Reset.
- **"Invalid Passcode" Error Message:** If an invalid passcode is entered when using the Enhanced Direct or Network Communication method, a Retry Count Exceeded error message appears instead of an Invalid Passcode message.

Diagnostic Tab Issues

- **Master Armed Instant Status (Area Tab):** RPS only displays the current status for Master Armed Instant in the Area tab. RPS cannot send this command to the control panel.
- **RF Point Low Battery Condition Not Included in Control Panel Upload (Points Tab):** 9000 Series control panels do not send RF point low battery conditions to RPS. The control panel's keypad shows Service RF Low Batt as expected. RPS shows Trouble.
- **Changing the Armed State of Disabled Areas (Area Tab):** Although certain areas in a control panel might be disabled, the armed status of these areas is still shown.
- **Message Limitation (Keypad Tab):** Although you can send messages to each command center address, only one message can be performed at a time.

1.6.6 D9112B1, D7212B1 Known Issues

- **Point Notes Fields:** The Point Notes fields located in **POINT ASSIGNMENTS→Point Assignments** are for reference only. Information entered in these fields is not sent to the control panel.
- **Message Limitation (Keypad Tab):** Although you can send messages to each keypad's (command center) address, only one message can be performed at a time.

1.6.7 D9412GV2, D7412GV2, D7212GV2 Known Issues

- **Master Armed Instant Status (Area Tab):** RPS only displays the current status for Master Armed Instant in the Area tab. RPS cannot send this command to the control panel.
- **IP Address and Port Number Duplicate Entries:** RPS only validates IP address and port number entries and rejects duplicate entries for newly created GV2 Series control panel accounts. If RPS finds duplicate entries, it displays an error message and forces you to enter new values. RPS does not validate entries if you upgrade a G Series control panel account to a GV2 Series control panel account, nor does RPS validate entries in accounts that were imported from earlier versions of RPS.

If duplicate entries exist in an upgraded account, and you edit either field, RPS displays an error message and resets the entry to **0.0.0.0**. If you do not edit the duplicate entry in either field, RPS sends the values to the control panel without any validation.

- **Ground Fault Restoral Event:** RPS does not show this event as a Ground Fault Restoral event in the History List details. In the Events column, RPS shows "Restoral Report." In the Details column, RPS shows "Area 1 Point N/A."
- **Routing Selections do not Match Diagnostic Reports Selections:** To enable all Diagnostic Reports or disable Diagnostic Reports for Route Groups 1 through 4, select **Yes** or **No** for that category from **PANEL-WIDE PARAMETERS→Routing**. The only time you should select specific reports from **PANEL-WIDE PARAMETERS→Routing→Diagnostic Reports** is when you want to enable some diagnostic reports but not all. All Diagnostic Reports selections made from that location appear as "Custom" in the corresponding Route Group.
- **Invalid Relay Parameter Entries in Upgraded D7212GV2 Accounts:** An upgraded D7212GV2 account might contain invalid entries if the original D7212 or D7212G account contained a value between 25 and 64 in any of the relay parameters. The valid range for D7212GV2 relay parameters is 0 to 24, except for the Silent Alarm relay parameter. This parameter also allows additional entries of 60, 63, and 64 as alternate functions.
- **Panel Sync Window Appears When Control Panel and RPS are Synchronized:** The Panel Sync Window might appear even if the control panel account and RPS are synchronized.
- **RPS Override of Control Panel High Security Features:** For high security applications, the control panel provides features such as Two-Man Rule and Early Ambush that require two valid passcode entries to disarm an area. Disarming an area through the RPS Diagnostic window overrides these high security features without alerting the RPS operator.

- **Update Retry Count when sending to a GV2 Series Control Panel using a D5360:** When using a D5360 Local Programming Interface to send data to a GV2 Series Control Panel in the direct connect mode, the transmission might not complete. RPS shows an **Error 5025 Connection Terminated...Retry Count Exceeded** message. This problem is caused by timing issues between RPS and the control panel that can occur with some PC configurations.

In many instances, you can correct the problem using the following procedure to update RPS to allow more retries to the control panel. This change is recommended for anyone who uses a D5360 to send to a GV2 control panel.

1. Ensure that RPS is installed and is not running.
2. On the RPS CD, browse to the folder, **D5360 Retry Count Update**.
3. Double-click the file, **Retry Count.reg** to update RPS settings.



The send time might be longer if the configuration issue does exist on the PC.

This problem is being investigated for a solution. An alternative solution to the problem is to use a DX4010i to make an enhanced direct connection with a GV2 Control Panel.

- **Using RPS in Exclusive Mode:** If you enable Exclusive Mode when communicating with the control panel over a network, the following issues occur:
 - Access doors unlock.
 - Keypads show **Call for Service**.
 - If communication between the control panel and RPS is lost or interrupted, the control panel locks in an unstable state with no supervisory functions. The status LEDs on the the DX4020 or the DX4010i flash to indicate this condition.
 - If site information or access tokens are changed, added, or deleted, you must reset the control panel. Check the **Reset Panel** box when you disconnect RPS from the control panel.

1.6.8 DS7200 Series International Known Issues

- **Missing RF Receiver Appears as Not Programmed and Normal (DS7200V2-EXP, SWE, UK):** RF receivers that the control panel declares as missing appear as **Not Programmed** and **Normal** in RPS diagnostics.
- **Panel Event Occurs:** If you are online and a Panel Event occurs, clicking the **Display Event Alert Help** button causes the Help window to cover up the Event Warning window. You cannot see the auto-terminate timer unless you close the Help window before the 30-second limit expires.
- **Call RPS at Test Time:** This function currently does not work.
- **Remote Program [#][4][3]:** If the control panel is programmed for callback, it does not call the RPS PC when [#][4][3] is pressed.
- **Zones Diagnostic Status for Missing or Restored Devices (DS7240-UK and all DS7200V2 types):** Differences between the information shown on the Zones Diagnostics tab and the control panel's history log can differ when devices are missing and then physically restored. RPS registers a restored device's electrical state as **Normal**; however, the control panel's keypad still shows **Trouble** until the Installer's PIN is entered.
- **Zones in Tamper Alarm not indicated in Diagnostics (DS7240-UK only):** RPS does not indicate tamper alarms in Diagnostics.
- **Missing RF Receivers appear as "Not Programmed":** RPS does not indicate if an RF receiver is missing in Diagnostics. "Not programmed" appears for Devices 50 and 51 (RF receiver device numbers).
- **Zone Text and Location Number Missing in Zones Tab:** The Zone tab does not show zone text and location numbers for zones with Chime Mode as their zone function assignment.

1.6.9 DS7400XiV4-EXP Known Issues

- **Selecting Current Events option in History Events window duplicates last event retrieved:** Retrieving current events from the DS7400XiV4 Control Panel always retrieves the last history event, even if there are no new current events. This causes a duplicate entry to appear in the history list.
- **Incorrect Maximum Value Allowed for Heartbeat Interval:** RPS allows a maximum heartbeat interval (**Alternate Comms**→**Alternate Communications**) setting of 65,535 sec. This value is incorrect. The correct maximum setting is 1,275 sec.
- **Daylight Saving Time Default Error:** RPS shows Disabled as the default for **System Parameters**→**Daylight Savings**. The correct default is Enabled. The Help file also shows Disabled as the default.
- **Invalid Keypad Entries Might Prevent RPS Fields From Operating Correctly:** If you enter a programming setting incorrectly from the keypad, and then RPS receives this entry, the corresponding cell in RPS no longer works correctly. If you cannot open a cell in the RPS account, check the corresponding programming in the control panel for a possible error.
- **Alarm Verification Not Supported:** Alarm Verification disables any zone where this feature is turned on.
- **No Error Message for Diagnostic Beeper Outputs (SWE, FRA, and SPA only):** RPS does not show an error message that prevents you from selecting ON at the same time for the Resettable Beeper and the Permanent Beeper in **Diagnostics**→**Output Tab**.
- **RPS Displays RF Receiver Faults Incorrectly:** RPS shows RF receiver faults as RF Keypad Fault. The correct text is Radio Comm Fault.
- **Configuring a Fire Zone for Bypassing (DS7400Xi-SWE only):** You can configure a fire zone for bypassing from keypad programming; you cannot, however, configure a fire zone for bypassing from RPS.
- **Tamper-Wired Zones Show Open Instead of Short:** If you program a tamper-wired zone for Trouble on Open and you short the zone, RPS shows Open instead of Short in the zone diagnostics tab.

1.6.10 Easy Series V2+ and V3+ Known Issues

Operational Issues

- **Default Change in Destination Heartbeat Parameters (Easy Series V3+ only):** The default value for the Destination Heartbeat parameters (Routes 1 and 2, Primary and Backup) is changed from 5 minutes to 0 minutes (disabled). This change was made to reduce cost incurred from wireless service providers when using the ITS-DX4020-G GPRS/GSM IP Communicator.
- **No Point Numbers Shown for 24-Hour Trouble and Restoral Events:** In RPS 5.10, the event history for an Easy Series control panel account does not show the associated point numbers for 24-Hour Trouble and 24-Hour Trouble Restoral events.
- **Incorrect Status in History for Failed and Pending Reports:** If RPS retrieves history events from an Easy Series control panel with firmware version 3.0 installed, the history log shows an event report status of **Failed** when the actual status is **Pending**. The history log also shows an event report status of **Pending** when the actual status is **Failed**.
- **DX4020 Firmware:** If the DX4020 is used to provide a network connection between the control panel and RPS, ensure the DX4020 is using firmware version 2.23 or later for proper operation.
- **Fire Verified Point Type Option Not Supported by the wLSN Smoke Detector:** The wLSN smoke detector does not support the **Fire Verified** point type option even though RPS shows this as an available option.
- **No User Number Shown for Key Fob Duress Events:** RPS does not show in the History List the user number for Duress events initiated from a wireless key fob. To identify the user number, listen to the event in the control panel event history, or look at the event sent to the central station receiver.
- **Cancel Events Show as Points instead of Users:** In the History List, Cancel events show as point numbers instead of user numbers in the Details column.
- **Keyfob Low Battery Acknowledge:** This parameter is not supported by RPS. Setting this parameter has no effect on RPS or the control panel.

- **Incorrect External Power Messages for Wireless Points:** The External Power field on the Diagnostics Points tab incorrectly shows “Present” or “Missing” for the wireless door/window contact, mini recessed door/window contact, PIR detector, smoke detector, and glass break detector. These messages apply only to the wireless relay module and siren.
- **Cross Zone Time and Confirmed Alarm Operation:** If you select either of the Confirmed Alarm options for **Point Alarm Verification**, RPS only allows a minimum entry of 1800 sec. (30 min.) for **Cross Zone Timer**. If you enter a value less than 1800 sec., the control panel adjusts this entry to 1800 sec., but does not update the cell display accordingly in RPS. For example, if you set **Cross Zone Timer** to 1500 sec., the control panel adjusts this setting to 1800 sec., but RPS continues to show 1500 sec. as the entry. The maximum entry of 3600 sec. (60 min.) is unaffected.
- **Norwegian Easy Series Help File:** The Norwegian Easy Series help file contains incorrect or missing descriptions for the following features:
 - Hours:Minutes from UTC (Panel Data-New Window or Panel Data-Edit Window)
 - Expert Mode (Config→System and panel account window)
 For complete descriptions, refer to the English Easy Series V3+ help file.
- **Network Option Missing from Panel Communication Topic (Easy Series V3+ only):** The Panel Communication topic does not include information for the Network option.

Help File Issues

- **Missing Modems in Modem Compatibility List Topic (Easy Series V2+ and V3+ Help Files):** The following modems are missing from the Modem Compatibility List topic:

Agere Systems AC'97 Modem

- **Init String:**
ATE0X1B0\G1\N1\Q0&K0S7=255S11=200S10=255N0S37=5S8=5

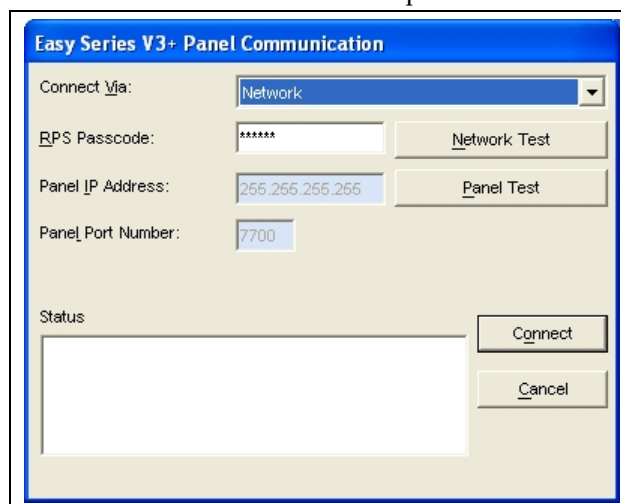
- **Reset String:** AT&F

Conexant CXT Soft Data Fax Modem with SmartCP

- **Init String:**
ATL1M1N0X0&C1&D2&Q0%C0\N0S7=255S10=255

- **Reset String:** AT&F

- **Incorrect Screenshot Labels in UOM/UON Tab Overview Topic:** In the RPS Help, the screenshot in the UOM/UON Tab Overview topic shows incorrect labels. The incorrect labels as shown in the screenshot are the **Call In Settings** button, and the **Expert Mode** checkbox. In RPS 5.10, the correct labels are the **Panel Call In Settings** button, and the **Expert Mode for Easy Series V3+** checkbox.



- **Connect Via:** Select Network for network communication.
- **Panel IP Address:** This field displays the IP address as entered in the Panel Data window. This field is read-only.
- **Panel Port Number:** This field displays the port number, to which the control panel is connected, as entered in the Panel Data window. This field is read-only.
- **Network Test:** RPS conducts a network test by sending a “ping” only as far as the network interface module (NIM). If the NIM hears the “ping,” it generates the appropriate response and sends it back to RPS. The Status field shows the result of the network test.

- **Panel Test:** RPS conducts a panel test by sending a “ping” to the control panel at the specified IP address. If the control panel hears the “ping” from RPS, it generates the appropriate response and sends it back to RPS. This test confirms that the physical link between the control panel and RPS is correctly configured. The Status field shows the result of the panel test.
- **Help File Defaults:** The defaults shown in the help files for the Easy Series V2+ and V3+ control panels are for Country Code 58 (default country code selection). If you change the country code selection, RPS updates the defaults shown to match the selected country code.

1.6.11 FPD-7024 Known Issues

- **Alternate Communication Parameters for Computer Phone/IP Not Supported:** RPS does not support the three alternate communication parameters shown in Program Accounts→Alternate Communications→Computer Phone/IP.
- **Zoom® VFX 28.8 Modems:** Zoom VFX 28.8 modems are not compatible with RPS and the FPD-7024 FACP.
- **History Filter Might List Events in Wrong History Group:** Events that appear in a History Group list might not filter correctly for that group.

2.0 Version 5.9

2.1 Enhancements

- The Microsoft® Access database is replaced with SQL/SQL Express to enhance RPS performance.
- RPS now runs on a wide-area network (WAN).
- RPS now runs on all variants of Microsoft® Windows® Vista™, except Vista Ultimate.
- RPS includes a new option to filter the Panel List View.
- RPS now provides support for Unattended Over Modem (UOM) communication initiated by the DS7400Xi-EXP Control Panel.
- RPS now has the ability to access account notes from inside an account instead of only through Panel List View.
- RPS provides new secure Passcode reports for all control panel types that begin with “D”, for Easy Series V2, and FPD-7024.

- Custom Security Levels by Parameter View Level and Edit Level settings are now retained during an upgrade to a newer version of RPS.
- The COM port selection is now retained during an upgrade.
- For GV2-Series and G-Series control panels, the year shown for new events in the History List is always 9996.
- The Activity Log Max Count value is now saved in the database so that the setting is global in a networked environment. This value is no longer set locally on the client PC.

2.2 Fixed Item

Missing *Close System ON Custom Report* in RPS:

This report is no longer missing from **Report**

Routing→System On and Off Reports in RPS.

Enabling this report in Expert Programming from the control panel is not necessary.

3.0 Version 5.7

3.1 Enhancements

The D9412GV2, D7412GV2, and D7212GV2 control panel accounts now support the following enhancements:

- Control panel firmware version 7.07 features:
 - Enhanced communication path port numbers
 - RPS port number
 - Improved anti-substitution (anti-replay)
 - Improved time synchronization between control panel and central station
 - Local AC failure annunciation
- DNS/Hostname support during Unattended Mode sessions

3.2 Fixed Items

- **Limited Windows User Accounts:** The **tempdat.000** file, which was originally located at the root level of the C: drive, is now located in the RPS directory. System administrators no longer need to grant write access to the C: drive for limited Windows users.
- **RPS/Easy Series Connection Issue:** RPS now properly communicates with an Easy Series Intrusion Control Panel, version 2 or later, when both Microsoft® .NET™ Framework 1.1 and 2.0 are installed on the RPS PC.

4.0 Version 5.6

4.1 Fixed Item

- **Windows Installer Error 1609 Message:** You can now install RPS v5.6 on PCs running non-English versions of Windows® XP Professional or Windows® 2000 operating systems, and on a Windows XP Home Edition PC, regardless of the operating system's language version. Error 1609 prevented the installation of previous versions of RPS.

5.0 Version 5.5

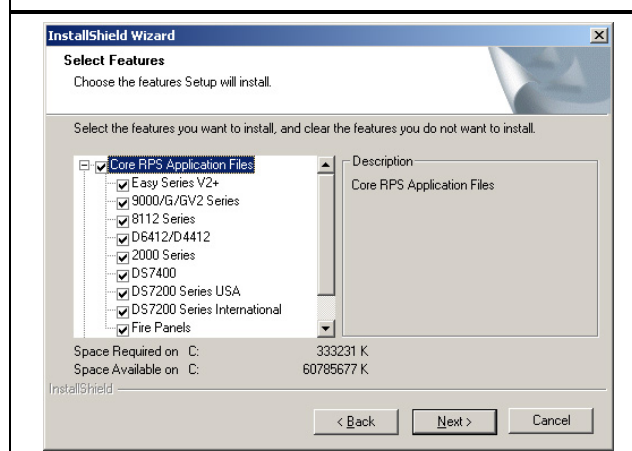
5.1 Enhancements

- **SIA CP-01 Support for D9000GV2 Series:** The D9412GV2, D7412GV2, and D7212GV2 control panel accounts now comply with SIA CP-01 False Alarm Reduction.
- **Running RPS Without Admin Rights on the RPS PC:** A Windows user who does not have admin rights on the RPS PC can now run RPS without assistance from the system administrator.
- **Easy Series V2+ Enhancements:**
 - German translations are now available for the Easy Series V2+ control panel account.
 - The default for Daylight Saving Time for Country Code 58 (USA) was changed from "North America" to "North America 2007 and beyond."
- **Updated Defaults for the DS7240V2-FRA and DS7220V2-FRA:** The programming defaults for the DS7240V2-FRA and DS7220V2-FRA control panel accounts were updated to comply with AFNOR requirements.
- **DS7400XiV4 Calendar Control:** The calendar control feature for the DS7400XiV4 control panel account was updated and works as expected.

- **Expanded List of Available Control Panels:** RPS now supports all of Bosch Security Systems' released control panels, regardless of region or market. Refer to *Section 1.1 Version 5.11 Compatibility* on page 1 for the complete list of supported control panels.

Figure 1 shows the screen shot of the new **Select Features** window from the InstallShield® wizard.

Figure 1: Select Features Window



Refer to *Table 1* for information about the new selections shown in *Figure 1*.

Table 1: RPS Installation Features

Feature	Description
Core RPS Application Files	This feature installs the core application files, including control panel types and related help files. By default, all available control panel types are selected for installation. If you clear a checkbox, RPS does not install the corresponding control panel type. For more information about a control panel type, click the title next to the checkbox. Information about that control panel type appears in the Description field.
Toolkit	Install supplemental tools for system maintenance and troubleshooting. This feature is selected by default.
Unattended Operation	Install feature that allows supported control panels to perform unattended tasks such as history retrieval. This feature is not selected by default.

5.2 Fixed Items

- **Hyphens in Phone Number Entries:** RPS now supports hyphens in phone number entries. Use of hyphens is optional.
- **Regional Options and Diagnostic Calendar:** RPS now shows the correct date and day of the week on the Diagnostics calendar when you select a location other than English (United States) in **Regional Options (Start→Settings→Control Panel→Regional Options→General)**.
- **Spaces in Text Entry Fields (DS7400XiV4):** You can now enter a space in any text entry field in the DS7400XiV4 control panel account.

6.0 Version 5.4

6.1 Enhancement

RPS supports the Easy Series V2+ control panel.

7.0 Version 5.2

7.1 Enhancements

- Support for D9000GV2 Series Control Panels – UL864 9th Edition (pending release from UL)
- Support for FPD-7024 Control Panel
- SQL support
- Enhanced performance for opening accounts in large databases
- Increased storage in Activity List to 99,999 activities
- Increased programmable communication ports from 4 to 16
- No floppy License Disk is necessary; the license files are included on the CD.
- History filter opens automatically when first viewing history list, preventing instant loading of large amounts of data
- Language selectable by operator
- Additional security level setting for Diagnostics features
- Operations Menu

- Support for networked Security Key – For details, locate Rainbow Sentinel Pro Drivers\RPS Sentinel Protection Server Instructions.pdf on the CD.

7.2 Fixed Items

- **RPS Setup Maintenance Window (Error 1612):** The system no longer requires that you provide the original CD-ROM or installation files to run the RPS Maintenance Window from **Start→Settings→Control Panel**.
- **Security Levels:** The View/Edit security level in the Panel List, Template List, and Operator List now operates correctly.
- **Saving Reports to a Root Drive:** Reports can now be saved directly to a root drive such as C:.
- **Column Resizing:** Column widths no longer revert to their default settings when a window is exited and re-opened.
- **History Filter Dates:** Date ranges entered in the History Filter can now span different years.
- **Language Change Option Now Available:** The language change option is now available as described in the general Help file.
- **Invalid Entry Window for Integral Voice Verification Module (DS7200V2-SWE/UK only):** The Invalid Entry window now opens if you select an output the integral voice verification module to follow before you set that output's function and assign the output to an area. Refer to *Integral Voice Verification Module* in the Help file for the correct procedure.
- **Correct RF Receiver Displayed (DS7240-UK only):** The DS7240-UK control panel account now shows the correct RF receiver, RF3227E, under the "Hardware Switch Settings and Other Information" heading.
- **Correct Descriptions for Output Function Types 0,1 and 0,2 (DS7200 Series USA and DS7200 Series International):** RPS shows correct descriptions for Output Function Types 0,1 and 0,2 in the Output Parameters Report.

