

Remote Link and System Link Software Update January 31, 2002

Version 1.07 Software Update

Effective the first week of February 2002, all Remote Link and System Link software are being shipped from the factory as version 1.07 (1/31/02) software. This version is an update from the 1.06 (12/31/01) software previously shipped and contains **New Features** to the program.

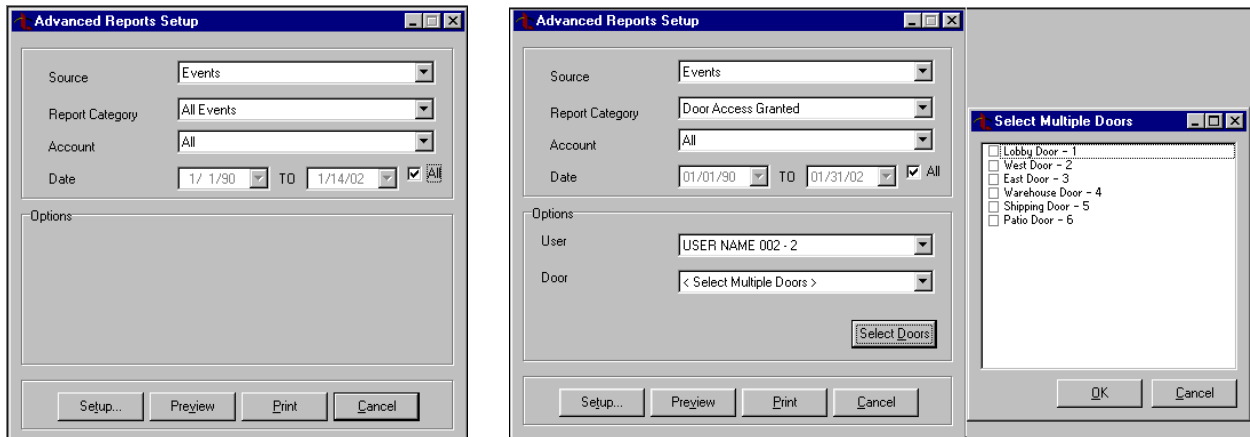
New Features

Advanced Reporting Module

Remote Link and System Link now support the new **Advanced Reporting Module** available February 2002.

The **Advanced Reporting Module** provides powerful filtering capabilities to create specific user activity reports for your company needs. Create reports using the panel's event buffer or by using the new Remote Link Host Log Reports feature. Host Log Reports from the panel are available by connecting to Advanced Reporting through a direct connection or network connection.

Advanced Reporting provides ten **Report Categories** from which you can create the reports. These categories allow further filtering of the information that you do not need so that reports are concise and manageable.



All Events—Prints all events received by the Advanced Reporting Module.

Zone Action—Allows you to select a specific zone action, such as alarm and bypass, or to further filter the reports by selecting specific zones and users.

Arming / Disarming—Creates a report for arming and disarming activity. Additionally you may filter the reports by selecting areas and users.

Area Late to Close—Allows you to create reports for those areas that were Late to Close. You may further filter the reports by selecting specific areas.

User Code—Creates reports for changed, added, or deleted user codes. In order to filter the reports, you can select the user who initiated the change or the user being changed.

Door Access Granted—Creates reports for door access granted. Filter the report by selecting specific doors and users.

Door Access Denied—Create reports for door access denied. Filter the report by selecting specific doors and users.

Opening / Closing Schedule Changes—Creates reports for schedule changes. Select the type of schedule, users changing the schedules, and the areas changed.

System Monitors—Generates reports about system components and its action, such as trouble and restore.

System Events—Generates reports about system events, such as automatic recall tests and alarm silenced.

You can save reports in up to seven other file formats, such as an Excel file. This provides added flexibility to use the reports that best suits your needs for archiving, storing, and integrating with other software packages such as web databases.



Panel Programming Host Log Reports

This section allows you to program the types of logging reports the panel will send through the 462N Network Interface Card. The reports include information such as the type of activity, time and date of the activity, and user name and number.

These data logging reports can be accessed using the **Advanced Reporting Module**. See the Advanced Reporting Module User's Guide, LT-0645.

Note: The network connection that the Host Log Reports are sent through is not monitored for network trouble. Therefore, the **Host Log Reports** option should **NOT** replace the primary communication method.

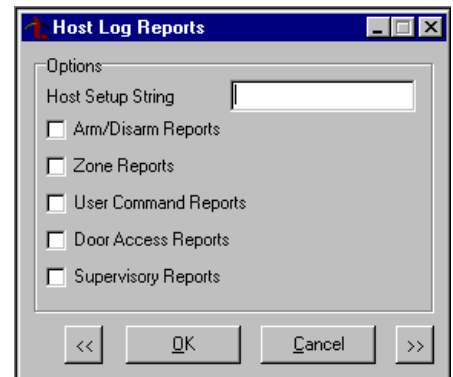
If there is trouble with the network connection, the panel will continue to attempt to send the **Host Log Reports** until the connection is reestablished. The panel will then send the reports. Also, a Network Trouble message will not be sent if the connection is lost. The **Host Log Reports** have the lowest priority of panel reports sent.

For more information about the 462N card capabilities with Host Log Reports and Host Communication method, see **462N Card Examples** on page 125 of the Remote Link User's Guide.

Host Setup String: Enter up to two lines of 16 characters to equal 32 characters for the string that is sent to the network device connected to the 462N Network Interface Card.

If you are using a direct connection through the 462N card to a Remote Link computer, do not enter a Host Setup String here.

If your network device is an iCOM, enter the following setup string: **AT#UCXXX.XXX.XXX#PPPPP**. The Xs represent the target IP Address of the iCOM, and the Ps represent the port number. The default port number is 2001. An example of a Host setup is: **AT#UC192.168.001.099#2001**.



Note: The **Host Setup String** entered CANNOT be the same as that entered in **Communication**.

Arm / Disarm Reports: Sends arming, disarming, and Late to Close events.

Zone Reports: Sends changes in the status of active zones. When the Walk Test or Panic Zone Test (485B only) is performed, Verify and Fail messages are also sent for each zone.

User Command Reports: Sends user code and schedule changes, and door access denied.

Door Access Reports: Sends door access activity.

Supervisory Reports: Sends system monitor reports, such as AC and battery, and system event reports. Supervisory Reports also sends the following reports:

Abort	Exit Error
Ambush	System Recently Armed
Alarm Bell Silenced	Unauthorized Entry
System Late to Close (only sent as a Supervisory Report if Area Schedules is not enabled, Closing Check is enabled, and an opening/closing schedule has been programmed.)	

Note: To send these reports through the host logger, you must enable **Supervisory Reports**.

Direct Monitoring

Remote Link and System Link provide a Direct Monitoring option.

Note: The options available in the Modules tab are only present when using an additional Module such as Alarm Monitoring, Command Center, or Advanced Reporting.

Host Monitoring

(Must have an additional Module to use)

Host Monitoring: Select **Host Monitoring** to enable the Module to receive alarms from network panels that are connected by an iCOM.

UDP Port: (Must have an additional Module to use) Enter the data network UDP port number through which the Module will use to monitor for incoming alarm signals. 2001 is the default port.

Direct Monitoring

(Must have an additional Module to use)

COM Port: Select the COM port that is connected to your panel.

Baud Rate: Set the baud rate to 9600.

The screenshot shows the 'Modules' tab in a configuration window. It contains two main sections: 'Host Monitoring' and 'Direct Monitoring'. In 'Host Monitoring', there is a checkbox for 'Host Monitoring Enabled' (unchecked) and a text field for 'UDP Port' set to '2001'. In 'Direct Monitoring', there is a dropdown for 'COM Port' set to 'COM1' and a dropdown for 'Baud Rate' set to '9600'. Below these is a 'Command Center' section with a checked checkbox for 'Track Armed Status'. At the bottom right are 'OK' and 'Cancel' buttons.

Operator Configuration

A new authority option has been added in the Operator Configuration window to allow operators to program Host Log Reports. Host Log Reports provide data logging for use with the Advanced Reporting Module.

The screenshot shows the 'Operator Configuration' window. It has a table on the left with columns 'Last Name', 'First Name', and 'Username', containing one entry 'new'. To the right are 'Login Information' (Login: new, Password: ****) and 'Personal Information' (Last, First). Below these are several groups of checkboxes for permissions: Communications, Device Setup, Remote Options, System Reports, System Options, Output Options, Output Groups, Output Names, Menu Display, Administrator, Status List, Printer Reports, Host Log Rpts, Area Information, Zone Information, Access Code, Panel Send, Panel Retrieve, User Codes, Profiles, Schedules, Holiday Dates, Forgive User, Arm / Disarm, Alarm Silence, Sensor Reset, Set Time Date, LX Bus Diag, Zone Status, Output Status, and Send Message. Each group has 'All' and 'Clear' buttons. At the bottom are 'New', 'Delete', 'Description', 'OK', and 'Cancel' buttons.

DNET Communication Type

The DNET Communication type has been removed for the XR200 and XR2400F Command Processor panels version 111 or higher and the 485 Command Processor panel version 205 and higher. If DNET communication type is required, XR200 and XR2400F Command Processor panels version 110 or lower and the 485 Command Processor panel versions 204 and lower provide this functionality.

Remote Key

Remote Link and System Link now limit the viewing and editing of the Remote Key in Panel Information to authorized operators only.

Remote Link: When setting up an operator for Remote Link, check the **Remote Options** box in the Operator Configuration window to allow operators to view the Remote key.

System Link: When setting up an operator for System Link, check the **Administrator** box in the Operator Configuration window to allow operators to view the Remote key.

Remote Key: Enter a numerical code up to 8 digits long that the panel should use as a password to verify its identity to the Remote Link computer. The panel must give the correct key to Remote Link before any programming may take place. All panels are shipped from the factory with the key preset as blank.

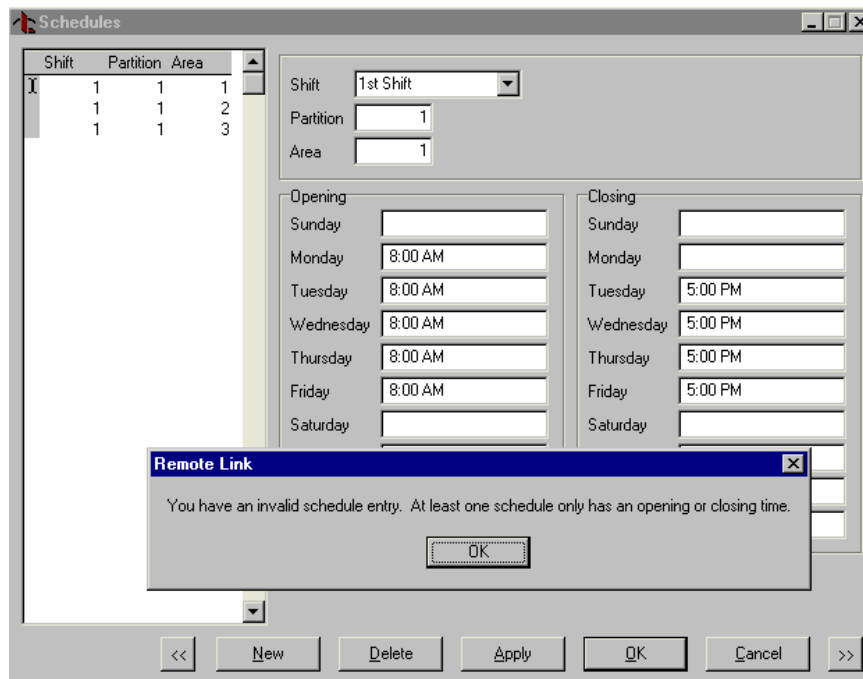
When you enter a **Remote Key** in Panel Information, it is also assigned in **Program > Remote Options** in the **Remote Key** field.

For security reasons, the **Remote Key** cannot be viewed from a panel keypad.

Invalid Schedule Entry

Remote Link and System Link provide an alert box if an operator enters an invalid panel schedule into the Program > Schedules window. Example: If an operator enters a closing time without an opening time or enters an opening time that is after the closing time, an alert box will notify the operator of an invalid schedule. The picture below shows an example of entering an opening time without a valid closing time. This feature is available for any panel that allows schedule entry.

Note: When a schedule spans more than one day, (i.e. open on Monday and close on Friday), the invalid schedule entry alert box does not apply.



Area Schedule Conflict

Remote Link and System Link provide an alert box to warn an operator when programming conflicts occur with Area Schedules. Example: If an operator has programmed multiple schedules and then turns off the Area Schedules option in Partition Information, an alert box will warn of the programming conflict. The picture below shows an example. This feature is available for any panel that allows Area Schedules.

Output Groups

Remote Link and System Link allow an operator to assign Output Group numbers 1 - 20 to a profile. Previously, only 1-10 was allowed. If a profile is assigned a number greater than 10, it is recommended that any Master Profiles also be set to this number to allow them access to change the profile.

The **Profiles** window allows you to add, delete, or change user profiles. A profile defines the authority of each user code in the system.

Output Group: You may assign each profile to an output group number from 1 to 20.

Note: This feature is only available on the XR200-485(B) Command Processor Panel.

Database Repair Option

Remote Link now provides an external Database Repair Option for attempting repair of a corrupted database.

Note: This Database Repair Option only appears after a complete new installation of Remote Link or System Link. When only installing the update for this version, this option does not appear.

Although rare, it is possible that a Remote Link account database may be damaged if your computer experiences a power outage or hardware or another software program problem that causes Remote Link to stop unexpectedly. The **Repair** feature attempts to repair corrupted account information, activity, panel programming, and configuration files in your Remote Link database. If you believe your Remote Link database has been damaged or corrupted, close Remote Link and follow the directions below.

1. Go to **Start > Programs > Remote Link**.
2. Click on **Repair Database**.

You will then see an information window listing off the database files that are being repaired. When the database is repaired, the Remote Link starts and the **Log On / Off** window will open.

Updated Operation

Schedule Changes

When Remote Link performs a Request Events for an XR200 Command Processor panel, the printed event report shows Schedule Changes in standard time. Previously, the report showed Schedule Changes in military time.

Arming Mode for XRSuper6

In the XRSuper6 Command Processor panel System Operations, Arming Mode now displays Home/Sleep/Away. Previously the display read Home/Away.

Ordering the New Software

Remote Link and System Link Updates version 1.07 (1/31/02) are available for download free of charge on the DMP Dealer Direct Website at dealer.dmpnet.com. Hard copy updates can be obtained by calling DMP Customer Service at 1-800-641-4282 and ordering the Link Update. The cost for each update is \$30.00. If you are a current user of Remote Link, you will automatically be notified of this update.

