XR500 Series
February 2011

Version 205 Software Update

XR500 Series Version 205 (1/25/11) software is available for download from the DMP Dealer Direct Website at http://dmp.com/dealer. This update provides improved cellular operation for systems currently using Version 205 Software.

Updated Operations – Improved 463G Cellular Operation

Remote Panel Programming Operation

The panel now correctly sends the programmed account number when programming is retrieved over cellular communication using Remote Link.

Previously, when the panel account number had been changed locally using the keypad, and then the panel programming retrieved with Remote Link using cellular communication, the original account number was sent causing the an incorrect encryption of user codes and profiles in Remote Link.

Cellular Path Restore Message

When a cellular path failed to communicate causing an S72 WARNING: Network/Communication Path Trbl to be sent on another path and then the cellular path restored, the S73 restoral message was not attempted until the panel had another cellular message to send (typically a daily test). Now, when a cellular path fails, the Daily Test message is attempted on the cellular once an hour until restored at which time the S73 will be sent.

Ambush Message

When the telephone line was in a trouble condition, a panel Ambush (or Early Ambush) message to be sent to the central station receiver would cause the digital dialer to make 10 attempts to dial no matter the programming set at Alarm Switch for that path.

The 10 attempts to dial only occurred if the panel was programmed for digital dialer Primary path with cellular as the Backup path and only for the Ambush message. All other alarm messages were not delayed and switched to the backup cellular path after the number of dial attempts programmed at Alarm Switch in Communication programming.

An Ambush message (System Message 15) is generated when the panel is programmed for user one to be the Ambush code and a user enters that user code at the keypad. Also, an Early Morning Ambush (System Message 33) is generated when programmed and a second code entry does not occur after entry into the premises.

Cellular Throttling Operation

The panel no longer sends a System Message 73 to the central station receiver incorrectly indicating a cellular path restore if cellular message throttling was invoked during a period of known cellular communication failure.

Previously, the panel incorrectly assumed that the cellular path was restored simply because an attempt was made to communicate which started cellular throttling.

Cell Signal Strength

When performing a CELL SIGNAL strength test from the Diagnostics menu (2313, DIAG), the number of bars shown now always reflect the signal strength from the cell tower where the panel's SIM card is registered.

Previously, the signal strength displayed could be from a closer or stronger cell tower even if the SIM card was not registered to this tower.

An activated SIM card is now required for cellular signal testing.

463G Cellular Operation

The XR500 now provides automatic operation to reset the cellular modem of the Model 463G Digital Cellular Communicator if the modem becomes unresponsive. This is a rare occurrence and would be indicated by a missed checkin message that does not restore or a failed daily test report that does not restore. If either of these conditions restore then the update is not necessary. Model 463G hardware Level D is required for this operation to occur. Please see the 463G Level D Hardware Update TU-0569 for additional detail.

Obtaining the New Software

XR500 Series software updates are available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

DMP
Digital Monitoring Products