

### Overview

- Account Supervision
- Security Profiles Management



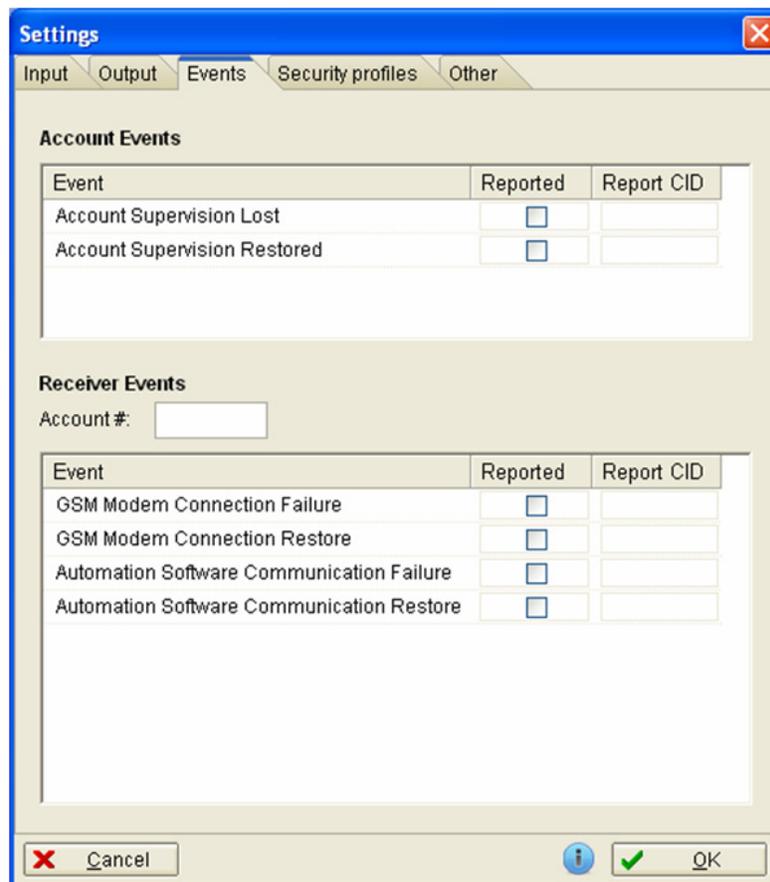
(IPRS-7 splash screen pictured)

The following new features are included in IPRS-7 V1.2.3. They may not be included in any manuals, therefore use this document in conjunction with the IPRS-7 Quick Start manual.

### Account Supervision

Two internal receiver events have been added in order to monitor and report account supervision lost or restored. The event codes can be configured under Settings>Events (see figure 1 below).

Figure 1: Account Supervision Configuration

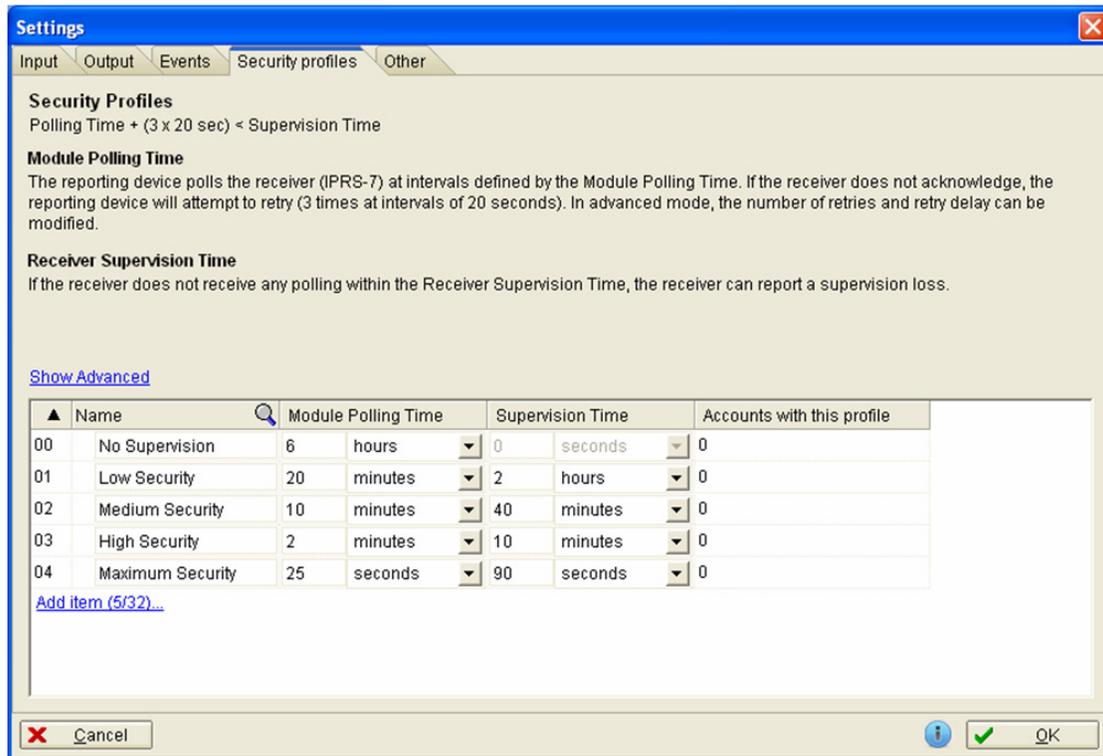


An "account supervision lost" event is generated if the receiver does not get any communication from a registered panel during the supervision interval. Once a link request or an event is received the subsequent "account supervision restored" event is generated and sent to the monitoring software.

## Security Profiles Management

IPRS-7 V1.2.3 now offers the possibility of adding custom security profiles and customizing the default ones. Security profile management is configured under Settings>Security Profiles (see figure 2 below).

Figure 2: Security Profiles Management



The IPRS-7 offers five default security profiles. Up to 32 security profiles (including the five defaults) can be added. A custom security profile can be deleted (via the right-click menu), while a default one can only be reset to default (via the right-click menu). A security profile represents a set of parameters that determine the behavior of the registered account towards the receiver. These include:

- Module Polling Time: how often the IP module/control panel will poll the receiver.
- Supervision Time: how much time elapses from the last polling request without communication, to when the receiver generates an “account supervision lost” event.
- Polling Retries: how many retries on a polling request.
- Polling Retry Delay: the delay between two polling retries.
- Event Retry Delay: the delay between two event retries
- Event Retry: the number of times the panel/module tries to report the same event if not acknowledged.

### NOTES:

- Special rules apply when calculating the “supervision time”, as described on the profiles management form header ( $\text{Polling time} + (3 \times 20 \text{ sec.}) > \text{Supervision Time}$ ).
- By default, the same amount of profile parameters as the IPR512 GPRS/IP Receiver. Additional parameters can be customized by clicking the “Show Advanced” link.

## SMS Reporting

SMS reporting requires a special security profile. The only parameter that can be customized for this profile is the 'event retry delay'. It can be changed via Settings>Input (see figure 3 below).

Figure 3: SMS Reporting

The screenshot shows a 'Settings' dialog box with the 'Input' tab selected. The dialog is divided into several sections:

- Password:** A text field for 'Receiver Password'.
- IP Devices:** A checkbox for 'IP Reporting' (unchecked) and a text field for 'IP Port' containing '10001'.
- GSM/GPRS Modem:** A checkbox for 'SMS Reporting' (unchecked), a text field for 'Event retry delay' containing '20' with 'sec' to its right, a dropdown for 'SMS Modem COM Port', a dropdown for 'Baud Rate' containing '57600 bps', a text field for 'SIM Card PIN', a dropdown for 'Polling' containing '30 seconds', a 'Signal Strength' field with a refresh button, and an 'Advanced' button for 'Modem Configuration'.

At the bottom of the dialog are 'Cancel', 'OK', and an information icon.