Overview

- Account Supervision
- Security Profiles Management





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

	ettings				
put Output Events Security profiles Other					
ccount Even	ıts				
Event		Reported	Report CID		
Account Supervision Lost] [
Account Supervision Restored					
eceiver Evei	nts				
ccount#:					
Event		Reported	Report CID		
	n Connection Failure	Reported	Report CID		
GSM Moden	n Connection Failure n Connection Restore	Reported	Report CID		
GSM Moden GSM Moden		Reported	Report CID		

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

Input Output Events Security profiles Polling Time + (3 x 20 sec) < Supervision Time Module Polling Time The reporting device polls the receiver (IPRS-7) at intervals defined by the Module Polling Time. If the receiver does not acknr reporting device will attempt to retry (3 times at intervals of 20 seconds). In advanced mode, the number of retries and retry of modified. Receiver Supervision Time If the receiver does not receive any polling within the Receiver Supervision Time, the receiver can report a supervision loss. Show Advanced Name Module Polling Time Supervision Time Accounts with this profile 0 No Supervision hours 0 seconds 0 	wanced mode, the number of retries and retry delay can be me, the receiver can report a supervision loss. me Accounts with this profile
Polling Time + (3 x 20 sec) < Supervision Time Module Polling Time The reporting device polls the receiver (IPRS-7) at intervals defined by the Module Polling Time. If the receiver does not ackn reporting device will attempt to retry (3 times at intervals of 20 seconds). In advanced mode, the number of retries and retry or modified. Receiver Supervision Time If the receiver does not receive any polling within the Receiver Supervision Time, the receiver can report a supervision loss. Show Advanced Name Module Polling Time Supervision four seconds generation generation generation generation generation generation 	ivanced mode, the number of retries and retry delay can be me, the receiver can report a supervision loss. me Accounts with this profile rds v 10
The reporting device polls the receiver (IPRS-7) at intervals defined by the Module Polling Time. If the receiver does not ackn reporting device will attempt to retry (3 times at intervals of 20 seconds). In advanced mode, the number of retries and retry or modified. Receiver Supervision Time If the receiver does not receive any polling within the Receiver Supervision Time, the receiver can report a supervision loss. Show Advanced Name Module Polling Time Supervision Time Accounts with this profile 0 No Supervision 6 hours 0 seconds 0 0	Ivanced mode, the number of retries and retry delay can be me, the receiver can report a supervision loss. me Accounts with this profile rds v 0
If the receiver does not receive any polling within the Receiver Supervision Time, the receiver can report a supervision loss. Show Advanced Name Module Polling Time Supervision Time Accounts with this profile 0 No Supervision 6 hours 0 Seconds 0	me Accounts with this profile
Show Advanced Anne Module Polling Time Supervision Time Accounts with this profile 00 No Supervision 6 hours 0 seconds 0	me Accounts with this profile
Name Module Polling Time Supervision Time Accounts with this profile 00 No Supervision 6 hours 0 seconds 0	ds 🔽 0
Name Module Polling Time Supervision Time Accounts with this profile 00 No Supervision 6 hours 0 seconds 0	ds 🔽 0
Name Module Polling Time Supervision Time Accounts with this profile 00 No Supervision 6 hours 0 seconds 0	ds 🔽 0
00 No Supervision 6 hours 🔽 0 seconds 🗹 0	ds 🔽 0
	▼ 0
02 Medium Security 10 minutes V 40 minutes V 0	
03 High Security 2 minutes 10 minutes 0	
04 Maximum Security 25 seconds 🔽 90 seconds 🔽 0	ds 🔽 0

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 (Polling time + (3 x 20 sec.) > 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.

PARADOX.COM

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

Settings				
Input Output Events Security profiles Other				
Password				
Receiver Password				
IP Devices				
IP Reporting				
IP Port	10001			
GSM/GPRS Modem				
SMS Reporting				
Event retry delay	20 sec			
SMS Modern COM Port	_			
Baud Rate	57600 bps			
SIM Card PIN				
Polling	30 seconds			
Signal Strength				
Modem Configuration	Advanced			
X <u>C</u> ancel	<u>і</u> 🗸 <u>о</u> к			