

Alarm Control Panels

INTEGRA

Satel® 

Connecting to Sentinel monitoring platform MANUAL



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WARNINGS

The security alarm system should be installed by qualified personnel.

Prior to installation, please read carefully this manual in order to avoid mistakes that can lead to malfunction or even damage to the equipment.

Disconnect power before making any electrical connections.

Changes, modifications or repairs not authorised by the manufacturer shall void your rights under the warranty.

SATEL's goal is to continually upgrade the quality of its products, which may result in some changes of their technical specifications and firmware. The current information on the introduced modifications is available on our website.

Please visit us:
<http://www.satel.eu>

The declaration of conformity may be consulted at www.satel.eu/ce

The following symbols may be used in this manual:



- note;



- caution.

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1. General

This manual applies to the control panels of the INTEGRA and INTEGRA Plus series:

- INTEGRA 24
- INTEGRA 32
- INTEGRA 64
- INTEGRA 128
- INTEGRA 64 Plus
- INTEGRA 128 Plus
- INTEGRA 256 Plus

This manual assumes that the installer has already setup an account on the MonitorSoft Sentinel monitoring platform.

The SATEL ETHM-1 Plus module is a pre-requisite for this installation.

The SATEL ETHM-1 Plus module can be programmed with a static IP address dependent on the LAN configuration at the premises.

2. System installation



Disconnect power before making any electrical connections.

The following tools will be useful during installation:

- slotted screwdriver 2.5 mm,
- Phillips screwdriver,
- side cutters.

2.1 Cabling

It is recommended that unscreened straight-through cable be used for making electric connections between devices included in the system (using twisted-pair cable, e.g. UTP, STP, FTP, is not advisable).

2.2 Connection of ETHM-1 Plus module



The control panel mainboard contains electronic components sensitive to electric charges.

You must complete all wiring, connections and device installations before connecting the battery or applying AC mains to the control panel.

1. Install the ETHM-1 Plus ethernet module following the SATEL installer manual.
2. Ensure the RJ45 socket on the ETHM-1 Plus ethernet module is connected to a local area network (LAN) which has a wide area network (WAN) connection.

3. System programming

Connect your computer to an INTEGRA panel for programming using:

- DLOADX software (available from Satel website)
- PC computer running Windows
- USB-RS programming cable

3.1 Programming communication with Sentinel

1. Navigate to “Data → Reporting → Monitoring stations” in DLOADX.
2. Click the tick box next to “Reporting – ETHM”.
3. Select “Station 1 only”.
4. Select “Reporting Format: SIA (full)”.
5. Enter the IP address supplied by MonitorSoft for Sentinel in “ETHM/GPRS Server”.
6. Enter the port supplied by MonitorSoft for Sentinel in “ETHM/GPRS Port”.
7. Enter the account number supplied by MonitorSoft for Sentinel in both the field labelled “Identifiers 1” and the field labelled “Identifiers Sys.”.
8. Navigate to the tab labelled “SIA-IP” in the same window.
9. Tick “Send MAC address” and “Send timestamp” under “Monitoring Station 1”.
10. Write the changes to the panel.

3.2 Programming ETHM-1 Plus module

1. If the ETHM module is not shown under “Keypads” in the hardware list, then add it following the instructions in the ETHM-1 Plus programming manual.
2. Navigate to “Data → System and hardware structure” in DLOADX.
3. Click on “ETHM module” under “INTEGRA mainboard” → “Keypads”.
4. Tick “Obtain IP address automatically (DHCP)”.
5. Tick “Obtain DNS server address automatically”.
6. Write the changes to the panel.

3.3 Testing communication with Sentinel

1. After completing all previous sections in this manual, test functionality of the system by arming and disarming the alarm from any keypad.
2. Then navigate to “Communication” → “Event Log” in DLOADX.
3. After a short delay the event log will update with the arming and disarming events.
4. If communication with Sentinel is successful and the event has been successfully reported to Sentinel, there will be a “+” symbol in the column labelled “S1”.
5. If communication with Sentinel is unsuccessful and the event has not been successfully reported to Sentinel, there will be a “!” symbol in the column labelled “S1”.
6. If communication with Sentinel is pending and the event is waiting to be reported to Sentinel, there will be a “.” symbol in the column labelled “S1” and you should wait briefly before refreshing the log.

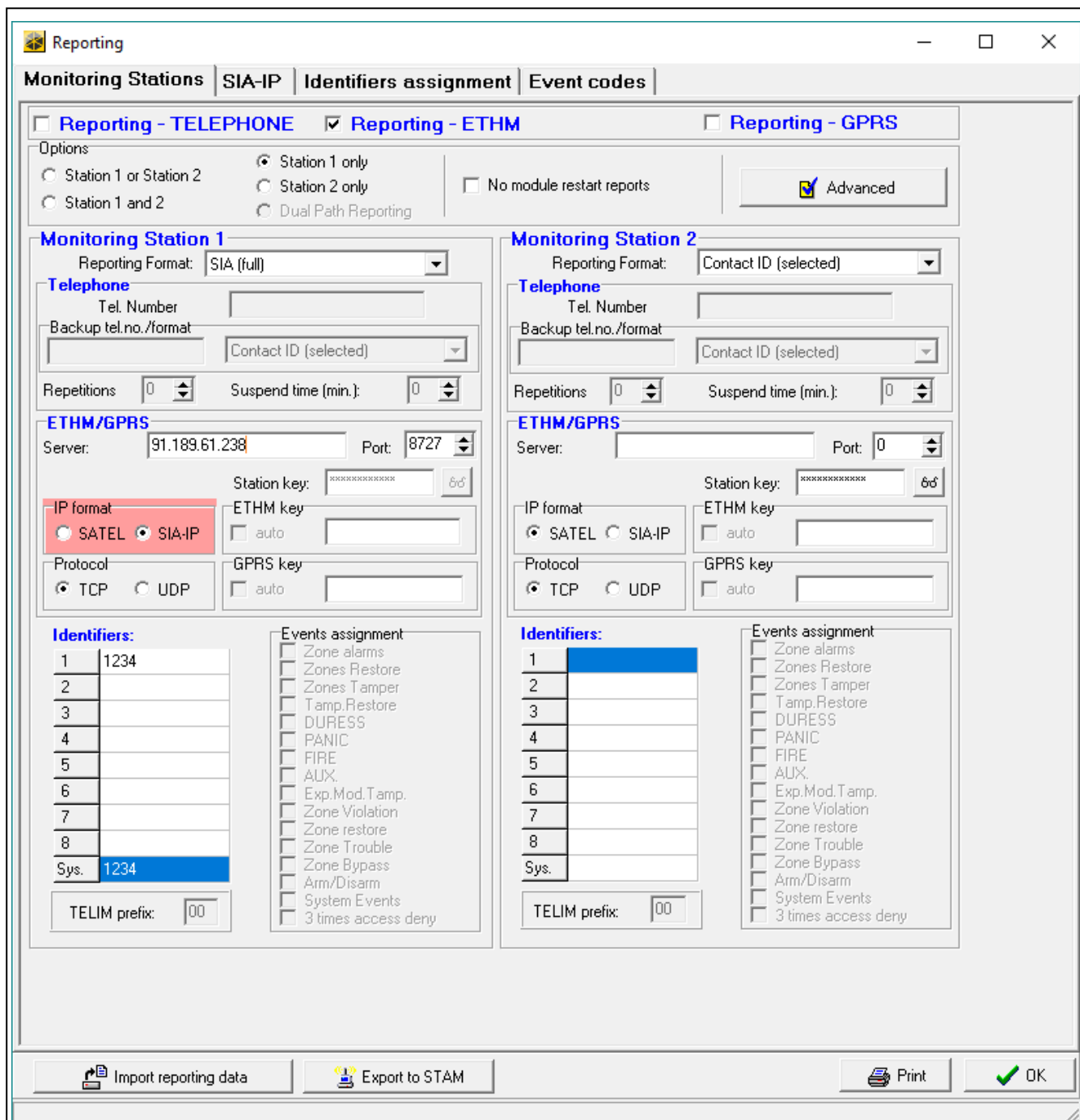


Fig. 1. Example of Reporting settings.

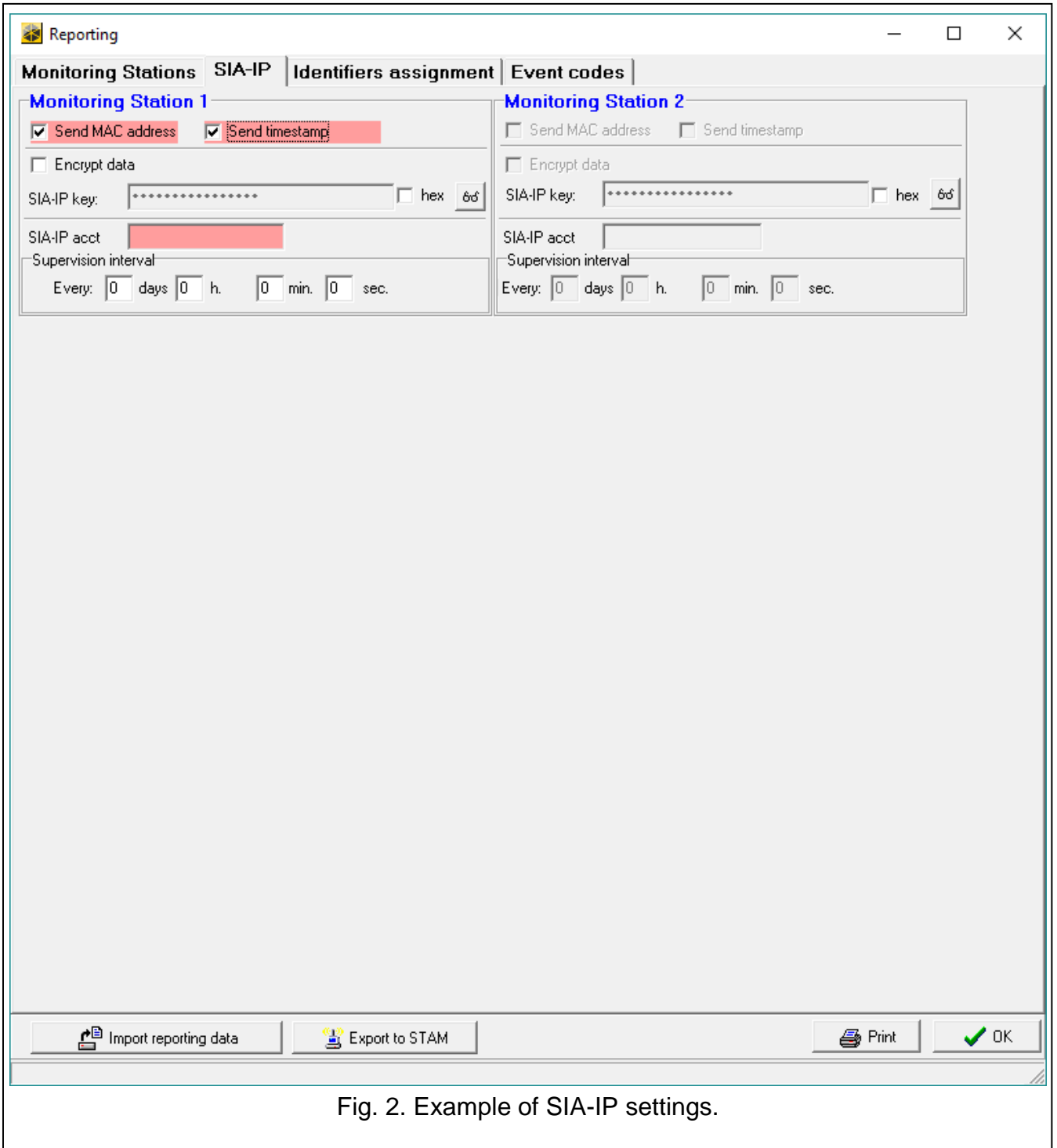


Fig. 2. Example of SIA-IP settings.