AxxonSoft

Setup and User Guide for the Integration Module for

Intrepid Grunt

Version 1.0

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ITV ИНТЕЛЛЕКТ. ТЕХНОЛОГИИ. ВИДЕО.

axxon Video Surveillance and Security Solutions

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1 Key Terms

Intellect Server: a computer that hosts the **Server** installation version of the Intellect software package.

Perimeter protection system (PPS): a software and hardware suite designed for monitoring perimeter intrusions.

Intrepid Grunt PPS: a PPS which employs high-sensitivity cables to pinpoint intrusions to within three meters.

2 Introduction

2.1 Purpose and Structure of the Guide

The Setup and User Guide for the Intrepid Grunt Integration Module is a reference guide for users of the Intrepid Grunt software module, which is a part of perimeter protection systems based on the Intellect software package .

This Guide discusses the following topics:

1. Uses of Intellect's perimeter protection system
2. Overview of the Intrepid Grunt software module
3. Configuration of Intrepid Grunt
4. Operation of Intrepid Grunt

2.2 Uses of Intellect's perimeter protection system

Intellect's perimeter protection system can accomplish the following tasks:

1. processing information from perimeter protection sensors and from sensors at the entrance to secure facilities
2. managing actuators (for example, access and entry control devices such as turnstiles or boom barriers; or security lighting devices)

Intellect's perimeter protection system is a combination of software and hardware. The software portion consists of software modules that allow configuring interaction between Intellect and the hardware portion.

Note: Athird-party perimeter protectionsystemcan serve as the hardware portion.

2.3 Overview of the Intrepid Grunt software module

The Intrepid Grunt software module is a component of an Intellect-based perimeter protection system. This module enables interaction between Intellect and the Intrepid Micropoint cable fence perimeter protection system (manufactured by Southwest Microwave, Inc.).

Note: For detailed informationabouttheIntrepidMicropointperimeter fence detection system, consult the manufacturer's documentation.

Before configuring the Intrepid Grunt software module, first perform the following steps:

1. Install the Intrepid Grunt PPS hardware at the secure facility.
2. Connect the Intrepid Grunt PPS to the Server.

3 Configuring the Intrepid Grunt Integration module

3.1 Steps to configure the Intrepid Grunt integration module

To configure the Interpid Grunt integration module:

1. Configure Intrepid Grunt's connectionto the Server.
2. Create a **Microtrack Processor Module** object.
3. Configure Microtrack Train objects.
4. Configure Microtrack Control Segment objects.

3.2 Configuring Intrepid Grunt's connectionto the Server

To configure Intrepid Grunt's connection in Intellect, use the settings panel of the relevant **Intrepid Grunt** object. To find this object, go to the **Settings** dialog box, click the **Hardware** tab, and browse the object tree of the relevant **Computer** object (Fig. 3.2—1).

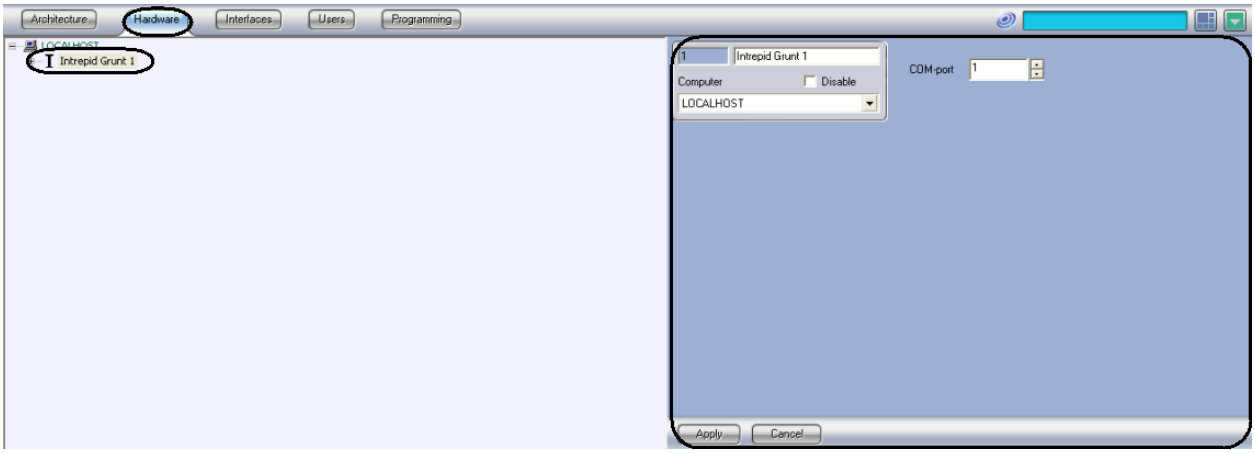

Fig. 3.2—1 Intrepid Grunt object

To configure Intrepid Grunt's connection to the Server:

1. Go to the **Intrepid Grunt** object's settings panel(Fig. 3.2—2).

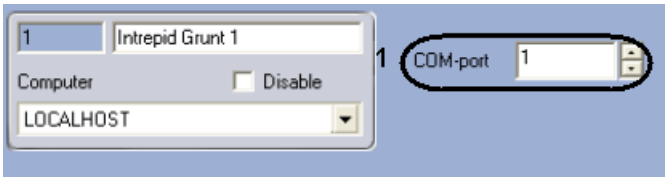

Fig. 3.2—2 Configuring the Microtrack connection to the Server

2. With the help of the **up arrow** and **down arrow** buttons, in the **COM Port** field, enter the number of the COM port for the Intrepid Grunt connection (see Fig. 3.2—2, **1**).
3. Click **Apply**.

Configuration of Intrepid Grunt's connection to the Server is now complete.

3.3 Creating a Microtrack Processor Module object

To create a **Microtrack Processor Module** in Intellect, in the **Hardware** tab of the **Settings** dialog box, go the the **Intrepid Grunt** object(Fig. 3.3—1).

*Note: You can create one and only one**Microtrack Processor Module** object for a single **Intrepid Grunt**object. Other objects of this type will be ignored by the system.*

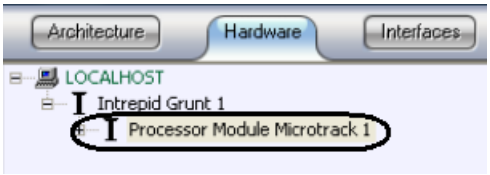

Fig. 3.3—1 A Microtrack Processor Module object

After an object is created, its settings panel displays information about the connected Microtrack processor module (Fig. 3.3—2).

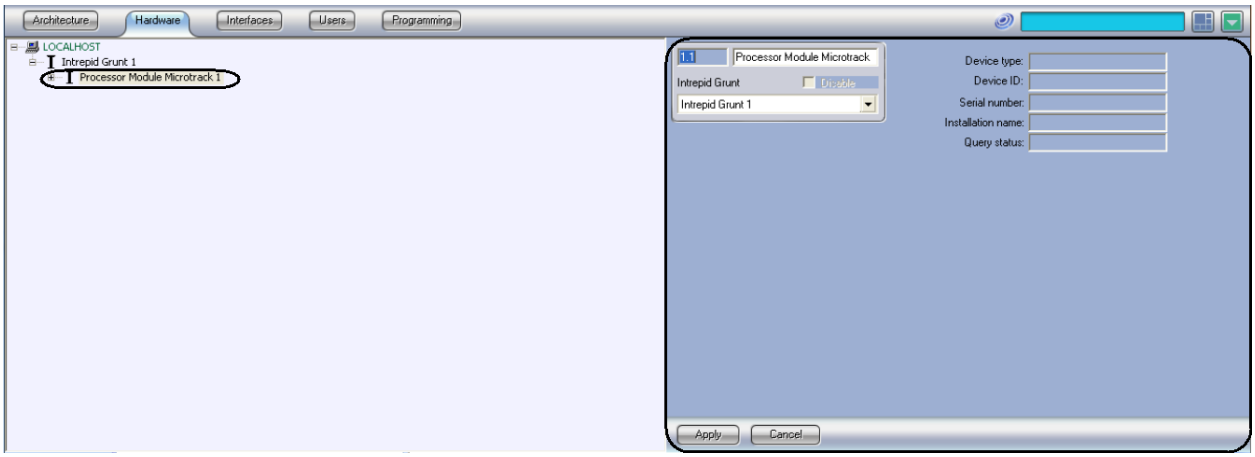

Fig. 3.3—2 settings panel for a Microtrack Processor Module object

To view information about a Microtrack Processor Module:

1. Go to the **Microtrack Processor Module** object's settings panel(Fig. 3.3—3).

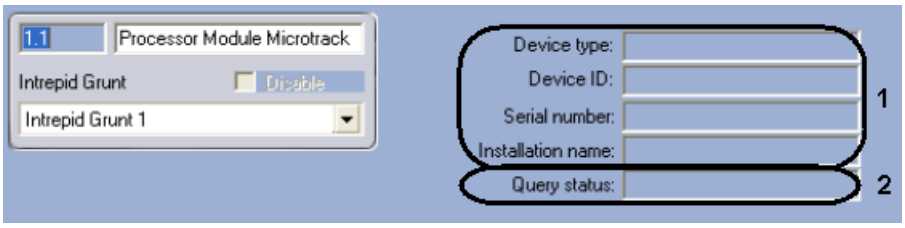

Fig. 3.3—3 Information about a Microtrack processor module

2. View information about the connected processor module: type, ID, serial number, and installation name (see Fig. 3.3—3, **1**).

Note: This information is displayed if the hardware has been connected correctly.

3. View information about the status of processor module queries in the **Query status** field (see Fig. 3.3—3, **2**).

Information about the Microtrack processor module is now provided.

3.4 Configuring a Microtrack train

To configure a Microtrack Train object in Intellect, use the settings panel of the relevant **Microtrack Train** object. To find this object, go to the **Settings** dialog box, click the **Hardware** tab, and browse the object tree of the relevant **Microtrack Processor Module** object (Fig. 3.4—1).

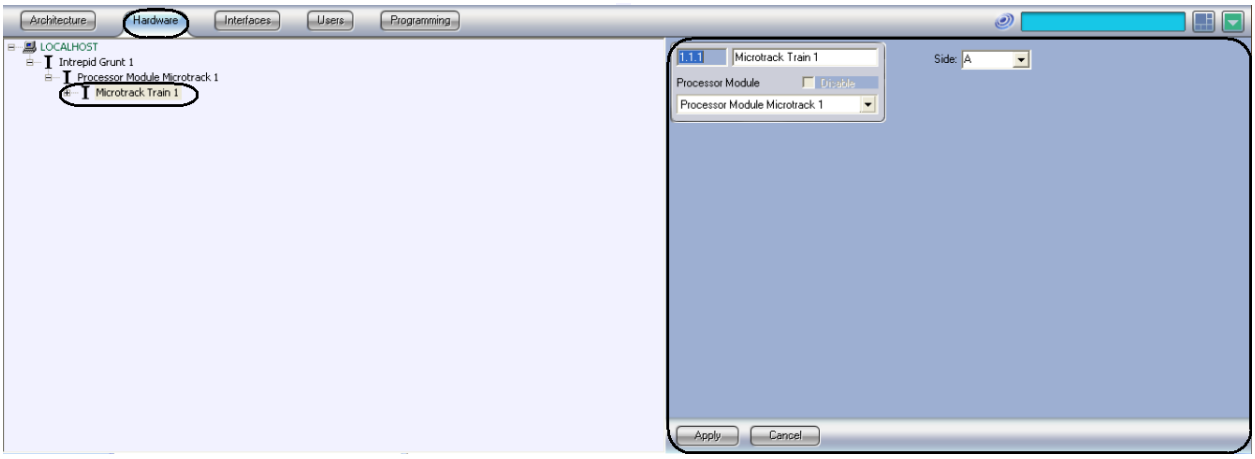

Fig. 3.4—1 Microtrack Train object

Note: A Microtrack processor module supports two trains (A, B). Any larger number of trains will cause them to be ignored by the system.

To configure a Microtrack train:

1. Go to the settings panel of the relevant **Microtrack Train** object (Fig. 3.4—2).

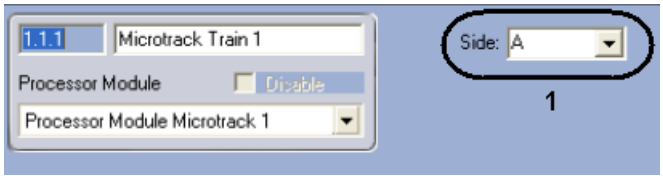

Fig. 3.4—2. Configuring a Microtrack train

2. In the **Side** drop-down menu, select the ID of a Microtrack cable (see Fig. 3.4—2, **1**).
3. Click **Apply**.

Configuration of the Microtrack train is now complete.

3.5 Configuring a Microtrack Control Segment

To configure a Microtrack train in Intellect, go to the settings panel of the **Microtrack control segment**. To find the settings panel, go to the **Settings** dialog box, click the **Hardware** tab, and browse the object tree of the relevant **Microtrack Train** object (Fig. 3.5—1).

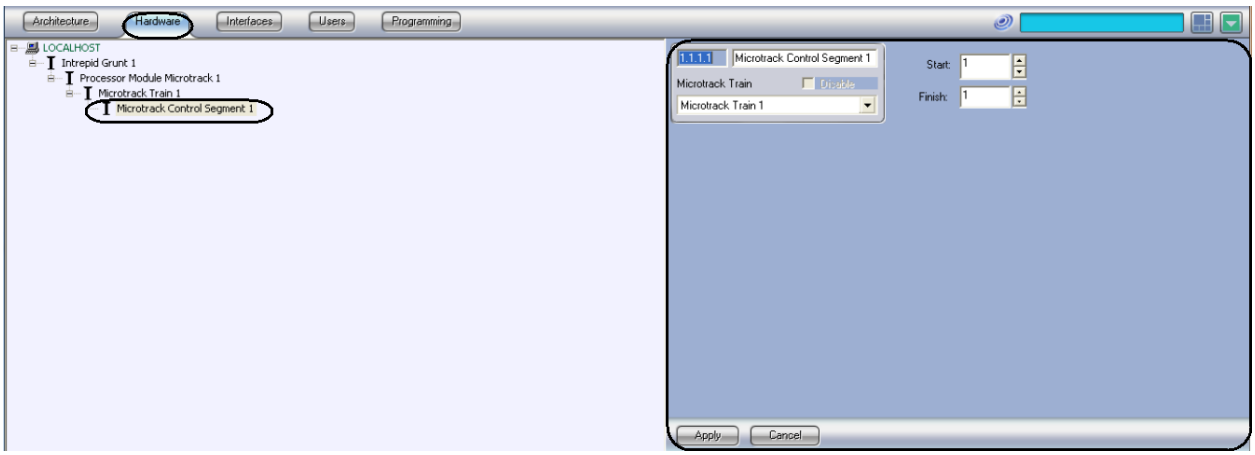

Fig. 3.5—1 A Microtrack Control Segment object

To configure a Microtrack control segment:

1. Go to the settings panel of the **Microtrack Control Segment** object (Fig. 3.5—2).

Fig. 3.5—2 Configuring a Microtrack control segment

2. In the **Start** field, use the **up arrow** and **down arrow** buttons to indicate the number of the subcell that matches the key point where the control segment begins (see Fig. 3.5—2, **1**).
3. In the **Finish** field, indicate the number of the subcell that matches the key point where the control segment ends (see Fig. 3.5—2, **2**).

*Note: The**Start** and **Finish** fields can contain values in the range1…143. Try to not let control segments overlap.*

Attention! The value in the Finish field must not be larger than the value in the Start field.

4. Click **Apply**.

Configuration of the Microtrack II control segment is now complete.

4 Operating the Intrepid Grunt integration module

4.1 Basic operation of the Intrepid Grunt integration module

To operate the *Intrepid Grunt* integration module, use the following GUI objects:

1. **map**
2. **event viewer**

For information on how to configure these GUI objects, consult the Intellectadministrator's guide.

For more information on how to use GUI objects, refer to the Intellectoperator’s guide.

4.2 Managing a Microtrack Control Segment

To manage a Microtrack Control Segment, go to the **Map** window and use the menu of the relevant **Microtrack Control Segment** object (Fig. 4.2—1 and Table 4.2-1).

Fig. 4.2—1 Menu for a Microtrack Control Segment object

Table 4.2-1. Description of Microtrack Control Segment menu items

Menu item	Function performed
Alarm processing	Starts the alarm processing process. After the alarm is processed, the control segment switches from alarm status to normal status.