

Chapter 23

Inventory Management System Overview

This chapter provides an overview of the JUNOScope Inventory Management System you use to keep track of changes to devices on the network as they occur. The Inventory Management System keeps track of items installed in devices, such as hardware, software components, and feature licenses.

The Inventory Management System scans for inventory items in real time or as part of an existing scheduled operation, and stores the inventory records in the JUNOScope database. For more information about scanning the device inventory, see “Scanning Inventory Data” on page 231.

The Inventory Management System can generate predefined inventory reports from the stored inventory records, or you can define your own report formats. You can save custom inventory reports, including user-specified definitions and controls. Reports are saved in the JUNOScope database, where all JUNOScope users can view them.

An Inventory Management System Demo lets you view and manipulate sample inventory reports so you can practice and learn the full potential of the system before scanning real production inventory data.

The Inventory Management System displays reports in a browser using HTML, and can also be exported to Extensible Markup Language (XML), Comma-Separated Values (CSV) text, Adobe PDF, and Microsoft Excel formats. For more information about the Inventory Management System report, see “Using Inventory Reports” on page 239.

An external inventory application can connect to the Inventory Management System database and extract inventory data, such as hardware, software, licensed features, and inventory scan events from the database by way of a Structured Query Language (SQL) interface. A unique username and password must be configured during the JUNOScope software installation to enable read-only access to the Inventory Management System database. For more information about extracting Inventory Management System data, see “Exporting Inventory Management System Data” on page 291.

You must have one of the following access privilege levels to use the Inventory Management System:

- Superuser—Generate reports, scan inventory, set up devices and schedules for inventory scanning, and save and delete inventory reports
- Read-write—Generate reports, scan inventory, and save and delete inventory reports
- Read-only—Generate reports

This chapter includes the following topics:

- Prerequisites for Using the Inventory Management System on page 230
- Where To Go From Here on page 230

Prerequisites for Using the Inventory Management System

Before you can use the Inventory Management System, you must set up and populate access methods, devices, groups, and schedules in JUNOScope.

- To set up access methods, see “Setting Up Access Methods” on page 47.
- To set up devices, see “Setting Up Devices” on page 59.
- To set up groups, see “Setting Up Groups” on page 71.
- To set up schedules, see “Setting Up Schedules” on page 103.

Where To Go From Here

- To use the Inventory Management System to scan for device inventory items, see “Scanning Inventory Data” on page 231.
- To view and manipulate Inventory Management System reports of inventory items stored in the JUNOScope demo or production database, see “Using Inventory Reports” on page 239.
- To extract Inventory Management System data to an external inventory application using a read-only SQL interface, see “Exporting Inventory Management System Data” on page 291.