

## Specifications

### Conditions of Sale

**STANDARD:** The seller's standard conditions of sale set forth in Price Sheets 181 and either Price Sheet 150 (Perpetual License) or Price Sheet 183 (Term License).

**SPECIAL TO THIS PRODUCT:**

**AVAILABILITY:** The equipment and services listed in this document are available for license only to end users. Distributors may resell license units, but the license agreement needs to be in place with the end users.

**INCLUSIONS:** The IntelliTeam FMS Feeder Management System is delivered as a virtual appliance and is deployed in a virtual machine environment. The IntelliTeam FMS server is packaged with an embedded Oracle® Linux● operating system and an embedded Oracle database. See S&C Instruction Sheet 1048-52, "IntelliTeam FMS Feeder Management System: *Server Overview*," for more information.

### Features

- The IntelliTeam FMS application displays configuration and operating statistics for IntelliRupter® PulseCloser® Fault Interrupters, IntelliNode™ Interface Modules, S&C Automatic Switch Controls, and IntelliCap® Automatic Capacitor Controls.
- The IntelliTeam FMS application is an enterprise Web application that collects event and operational data from S&C distribution automation devices and presents the data in easy-to-read tables, charts, and graphs via a browser-based interface. The IntelliTeam FMS application provides advanced data analytics not typically available via SCADA, such as providing the reason a device is in a particular state. This information can help improve efficiency of day-to-day operations and highlights the value of a self-healing grid. The basic IntelliTeam FMS system has the following features:
  - **Dashboards:** These provide summary system data with the ability to drill down to specific switching events and device status information. Data are also graphed for trending analysis. Dashboards presently included are: Trip/Lockout, IntelliTeam Status, Reliability, Communications Status, Control Battery Status, Software Versions, Data Graphing, and a customizable home dashboard comprised of user-selected components from the other dashboards.
  - **Alerts:** These include device alarms, warnings, and errors displayed as historical lists, counts, and trend charts. This information can be useful in finding system anomalies so they can be investigated and resolved before they cause operational issues.

● Oracle is a trademark of the Oracle Corporation.



- **Reports:** The IntelliTeam FMS application provides system reports that can be scheduled or run on-demand. These reports can then be downloaded in multiple data formats or sent to a user via email. Reports presently included are: Device Alert, Device Status, Team Not Ready, Daily Lockout and Abnormal Switch Status, and a Disturbance Summary.
- **Unsolicited alerts:** These allow the IntelliTeam FMS application to receive alerts from devices outside of the configured data retrieval from the devices.
- **Advanced device filtering:** This feature provides the ability to work with a set of devices based on a complex set of filters. All device fields are searchable and can be combined with “and/or” logic statements.
- **Device details:** The application provides details specific to a single device such as settings, metering, diagnostics, calibration, and IntelliTeam system status.

Five optional modules are available with the IntelliTeam FMS application:

- **Device settings management:** This feature pushes and tracks settings changes to devices. It allows multiple settings changes over a group of like devices. Device settings are captured and recorded so the present state can be displayed and the tracking of changes can be analyzed.
- **Device file retrieval:** This feature provides remote download of the compact flash contents of a single device or a group of devices. This greatly simplifies the collection of waveform captures, event files, etc., and saves users valuable time when analyzing system events. Files can either be retrieved on demand or automatically on a specified cadence.
- **Custom Alerts & Actions:** This feature allows users to create their own alerts by combining any number of DNP points or standard alerts as tested against various conditions. Custom and standard alerts can then trigger an action such as email, text message, or device-file retrieval if both optional modules are purchased.
- **Sequence of Events (SoE):** This feature collects only the most important event data from devices without the need to download event files. It then organizes the information across multiple devices for a single feeder. Multiple complementary features are included, such as search and filtering abilities, a feeder diagram display, device file retrieval, a timeline, and more. SoE is designed to significantly reduce the time required to understand what happened during an event.
- **Firmware Upgrade:** This feature allows a user to upgrade or downgrade the firmware for one or more devices. Firmware files are staged on the device before upgrade to minimize downtime. Multiple workflows are supported, from manual to fully automated, based on a schedule along with options for error-handling.

**Note:** Device firmware must be version 7.3 or later before this feature can be used.

**END USER LICENSE AGREEMENT:** The end user is granted a nontransferable, nonsublicensable, nonexclusive license to use the IntelliTeam FMS Feeder Management System software only upon acceptance of all the terms and conditions of the seller's end-user license agreement set forth in either Price Sheet 155 or Price Sheet 183.

## How to Order

Obtain the catalog number of the desired IntelliTeam FMS Feeder Management software license from Table 1 or 2.

Catalog Number:    -

- IntelliTeam FMS application licenses are based on the number and type of connected devices. The modules selected must be the same for all devices. There are four equipment types.
- There are term and perpetual licensing options.

**Table 1. Annual License**

IntelliTeam FMS Items	IntelliRupter® fault interrupter	IntelliNode Interface Module	6800/5800 Series Switch Control	IntelliCap Automatic Capacitor Control
IntelliTeam FMS Feeder Management System basic license	008-000111-01	008-000121-01	008-000131-01	008-000141-01
Include Settings Management	008-000211-01	008-000221-01	008-000231-01	008-000241-01
Include Device Files	008-000311-01	008-000321-01	008-000331-01	008-000341-01
Include Custom Alerts and Actions	008-000446-01	008-000447-01	008-000448-01	008-000449-01
Include Sequence of Events	008-000454-01	008-000455-01	008-000456-01	N/A
Include Firmware Upgrade	008-000501-01			NA
IntelliTeam FMS complete bundle (V5): basic, settings, device files, custom alerts, SoE license, and firmware upgrade	008-000560-01	008-000561-01	008-000562-01	008-000463-01

**Table 2. Perpetual License**

IntelliTeam FMS Items	IntelliRupter® fault interrupter	IntelliNode Interface Module	6800/5800 Switch Control	IntelliCap Automatic Capacitor Control
IntelliTeam FMS Feeder Management System basic license	008-000115-01	008-000125-01	008-000135-01	008-000145-01
Include Settings Management	008-000215-01	008-000225-01	008-000235-01	008-000245-01
Include Device Files	008-000315-01	008-000325-01	008-000335-01	008-000345-01
Include Custom Alerts and Actions	008-000450-01	008-000451-01	008-000452-01	008-000453-01
Include Sequence of Events	008-000457-01	008-000458-01	008-000459-01	N/A
Include Firmware Upgrade	008-000500-01			NA
IntelliTeam FMS complete bundle (V5): basic, settings, device files, custom alerts, SoE license, and firmware upgrade	008-000563-01	008-000564-01	008-000565-01	008-000467-01
IntelliTeam FMS annual maintenance	008-000005-01			