

EMS Product Family

EMS-SM-SC-545-AX

Enhanced Alarm & Monitoring Solutions for Telecom Environments



The Tridium EMS-SM-SC-545-AX EMS Site Manager communicates over V.11 Service Channels enabling alarm transport over Fiber Infrastructure Devices such as Siemens SURPASS hiT 7500, NEC Spectrawave 160, Lucent WaveStar 40G, and Lucent WaveStar 400G. Central to its design is an in-case integration of a Tridium® JACE®- 545 device and a DPS Telecom 202 modem device. The single chassis reduces the need for extra connectors and rack space.

EMS-SM-PJ-545-AX

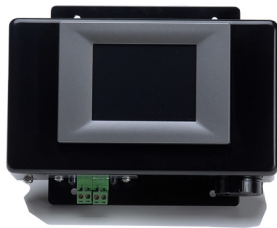
Enhanced Alarm & Monitoring Solutions for Telecom Environments



Designed specifically for today's carriers and service providers, Tridium's EMS-SM-PJ-545-AX Site Manager is a single-box, all in-one solution that provides all the necessary capabilities and functions for end-to-end delivery of remote monitoring, alarming, and control in real time. Integration of installed legacy systems from multiple manufacturers using multiple protocols provide a fully interoperable solution. This preserves and extends the useful life for previous investments while enabling more comprehensive surveillance technologies as needed for current and future infrastructure protection.

EMS-TP-3.5

3.5 inch Touch-Screen with Browser Enabled Graphical User Interface (GUI) for Telecom Environments



The EMS-TP-3.5 is designed to seamlessly work with Tridium's Niagara^{AX} family of products for the Telecommunications industry. This Touch screen solution enables installers and service personnel to view the values of all connected Enhanced Monitoring System (EMS) variables and digital input alarms without the need for a PC or Laptop connection.


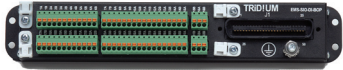
The EMS-TP-3.5 comes complete with preloaded Windows CE Explorer to enable the user to easily browse the EMS Web Pages in Tridium's EMS-SM-PJ-545-AX, and EMS-SM-SC-545-AX Site Managers

EMS-SIO-3-AS

Enhanced Alarm & Monitoring System Panel



The EMS-SIO-3-AS is a modular smart I/O interface device designed and optimized for a wide variety of Telecom monitoring environments when integrated with Tridium's family of Telecommunications Site Managers (EMS-SM-PJ-545-AX and EMS-SM-SC-545-AX).

<p>EMS-ENV1220</p> <p>Industrial Temperature and Humidity Transmitter</p> 	<p>A key factor for maximizing uptime and extending the useful life of critical electronic equipment is the maintaining of proper environmental conditions surrounding the equipment. With the Tridium Enhanced Monitoring System, temperature and humidity conditions are monitored in real time to insure environmental conditions that do not meet the electronic equipment specifications are alarmed. Not only are actual temperature and humidity values monitored and alarmed, the rate-of-change of these same variables can also be monitored, alarmed, and displayed to assist in prioritizing service response.</p>
<p>EMS-SIO-DI-BOP</p> <p>Digital Input Termination Accessory for the EMS-SIO-3 Series Smart I/O Interface Device</p> 	<p>The EMS-SIO-DI-BOP is the Digital Input Break-Out Panel for the EMS-SIO-3 Series smart I/O interface device. The EMS-SIO-DI-BOP enables the installer to easily connect up to 32 digital inputs into the EMS-SIO-3 Series panel via spring-loaded terminations. The EMS-SIO-DI-BOP can be located remotely to the EMS-SIO-3 Panel at installations where it will minimize digital (dry contacts) wiring costs.</p> <p>To connect between the EMS-SIO-DI-BOP and the EMS-SIO-3 Series panel, the installer can use easily installed, economical and widely available standard cables.</p>

Ordering Information

Part Number	Description
EMS-SM-SC-545-AX	Unit includes integrated V.11 Service Channel interface, one LonWorks Interface, one 10/100 MB Ethernet Network Interface, one RS-232 and four RS-485 (isolated) ports
EMS-SM-PJ-545-AX	Unit includes one LonWorks Interface, one 10/100 MB Ethernet Network Interface, two RS-232 and four RS-485 (isolated) ports
EMS-TP-3.5	48 VDC 3.5" Browser Touch Panel For System Commissioning, Diagnostics, & Display
EMS-SIO-3-AS	48 VDC Smart I/O; 1URack, 2-Bat AI, 6-AI, 32 DI, 2 DO & EMS-ENV1220 Temp Humidity Transmitter Assembled & Pre-Wired
EMS-ENV1220	Industrial Temperature and Humidity Transmitter, 3 wire, 4-20ma
EMS-SIO-DI-BOP	Unit can also be ordered with EMS-SIO-3-AS and Cables of various length