StruxureWare Central Server and Software

APC BY SCHNEIDER ELECTRIC

StruxureWare Central provides an efficient way for organizations to manage their company-wide physical infrastructure, regardless of manufacturer. Available on a range of platforms, it provides a centralized repository for critical power, cooling, environmental, rack access and surveillance data and events. The centralized software solution can be accessed by multiple users, from anywhere on the network, creating a consolidated view of the physical infrastructure. Real-time monitoring, user-defined reports and graphs, and instant fault notification and escalation enable quick assessment and resolution of critical issues. Extend the capabilities of the platform to grow with changing business needs through additional device licenses and add-on surveillance, capacity management and change management modules.

FEATURES

- Centralized management: Immediate visibility to your physical infrastructure through real-time device monitoring and notification enabling quick assessment of events as they occur. Simplify management of the physical infrastructure using a centralized repository accessible from anywhere on the network through a powerful and easy-to-use console application
- Fault notification: Real-time event notification minimizes response times to critical physical infrastructure events. Enables IT administrators to reduce mean time to repair, improve efficiency and maximize uptime. Receive alerts via mobile phones (SMS), Web applications (HTTP Post) and e-mail
- Easiest deployment and daily operations with auto-discovery of devices, mass configuration, mass software and firmware updates and private LAN
- Multivendor device support: Extensive multivendor support for monitoring networked SNMP devices. Enables visibility of existing SNMP devices through threshold alert notifications, data trending and reporting
- End-to-end monitoring from rack to row to room to building with integrations with power, building- and enterprise-management systems including IBM/Tivoli and Microsoft System Center Operations Manager and HP Operations Manager for Windows

STRUXUREWARE CENTRAL BASIC

NetBotz Surveillance is an add-on surveillance software application for StruxureWare Central that enables the creation of a visual record of visitors and their activities. This appliance-based software acts as a central repository for pictures captured by the NetBotz monitoring appliances and provides options for tracking and replaying events by date and time. Allows users to tag clips for review and categorize clips. When tagged, the surveillance retains the starting and ending time of the clips. Users can use a flexible search interface to recall clips by camera, date, category, level of importance or text. Clips can be "digitally signed," to provide the highest level of security from tampering. Signed clips can be exported as a signed AVI file for playing on a standard media player. Add-on software covers 15 nodes.

Anixter No.	Vendor No.	Description
373040	AP9465	StruxureWare Central Basic
354755	AP9525	StruxureWare Central, 25-node license only

Anixter No.	Vendor No.	Description
354756	AP95100	StruxureWare Central, 100-node license only
354757	AP95500	StruxureWare Central, 500-node license only
354840	AP951000	StruxureWare Central, 1,000-node license only
373034	WMS1YRBASIC	One-year StruxureWare Central Basic Software Support Contract
373035	WMS1YR25N	One-year 25-node StruxureWare Central Software Support Contract
373037	WMS1YR100N	One-year 100-node StruxureWare Central Software Support Contract
373038	WMS1YR500N	One-year 500-node StruxureWare Central Software Support Contract
373039	WMS1YR1000N	One-year 1,000-node StruxureWare Central Software Support Contract

STRUXUREWARE CENTRAL STANDARD

Includes a server appliance, a one-node surveillance license key, a 25-node license key, CD with software and an installation guide. A software support contract is required as are licenses for nodes. StruxureWare Central Standard offers 250 GB of data storage, 1U in height, may be expanded to support up to 2,025 nodes, up to 125 NetBotz cameras and support for up to 100 racks.

Anixter No.	Vendor No.	Description
330671	AP9470	StruxureWare Central Standard
354755	AP9525	StruxureWare Central, 25-node license only
354756	AP95100	StruxureWare Central, 100-node license only
354757	AP95500	StruxureWare Central, 500-node license only
354840	AP951000	StruxureWare Central, 1,000-node license only
373042	WMS1YRSTD	One-year StruxureWare Central Standard Software Support Contract
373034	WMS1YRBASIC	One-year StruxureWare Central Basic Software Support Contract
373035	WMS1YR25N	One-year 25-node StruxureWare Central Software Support Contract
373037	WMS1YR100N	One-year 100-node StruxureWare Central Software Support Contract
373038	WMS1YR500N	One-year 500-node StruxureWare Central Software Support Contract
373039	WMS1YR1000N	One-year 1,000-node StruxureWare Central Software Support Contract

STRUXUREWARE CENTRAL ENTERPRISE

Includes a server appliance, a one-node surveillance license key, a 25-node license key, CD with software and an installation guide. A support contract is required for the first year. StruxureWare Central Enterprise offers 4 GB/5 x 300 GB RAID 5 available for data storage, 2U in height, may be expanded to support up to 4,025 nodes, up to 250 NetBotz cameras, support for up to 1,000 racks and up to 2,500 nodes.

Anixter No.	Vendor No.	Description
330672	AP9475	StruxureWare Central Enterprise
354755	AP9525	StruxureWare Central, 25-node license only
354756	AP95100	StruxureWare Central, 100-node license only
354757	AP95500	StruxureWare Central, 500-node license only
354840	AP951000	StruxureWare Central, 1,000-node license only

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(continued) StruxureWare Central Server and Software

Anixter No.	Vendor No.	Description
373043	WMS1YRENT	One-year StruxureWare Central Enterprise Software Support Contract
373034	WMS1YRBASIC	One-year StruxureWare Central Basic Software Support Contract
373035	WMS1YR25N	One-year 25-node StruxureWare Central Software Support Contract
373037	WMS1YR100N	One-year 100-node StruxureWare Central Software Support Contract
373038	WMS1YR500N	One-year 500-node StruxureWare Central Software Support Contract
373039	WMS1YR1000N	One-year 1,000-node StruxureWare Central Software Support Contract

NETBOTZ SURVEILLANCE

NetBotz Surveillance is an add-on surveillance software application for StruxureWare Central that enables the creation of a visual record of visitors and their activities. This appliance-based software acts as a central repository for pictures captured by the NetBotz monitoring appliances and provides options for tracking and replaying events by date and time. Allows users to tag clips for review and categorize clips. When tagged, the surveillance retains the starting and ending time of the clips. Users can use a flexible search interface to recall clips by camera, date, category, level of importance or text. Clips can be "digitally signed," to provide the highest level of security from tampering. Signed clips can be exported as a signed AVI file for playing on a standard media player. Add-on software covers 15 nodes.

Anixter No.	Vendor No.	Description
247138	NBSV1000	StruxureWare Surveillance base (HW, SW, 15 nodes)
259831	NBSV1005	Five-node license add-on
251118	NBSV1010	10-node license add-on
251120	NBSV1025	25-node license add-on

NETBOTZ SURVEILLANCE ADD-ON LICENSE NODE PACKS

Add-on node license packs are required for each additional node. Each of the following count as one node: NetBotz appliances (all models); additional camera pods, CCTV pods and compatible Pelco IP cameras.

Anixter No.	Vendor No.	Description
259831	NBSV1005	Five-node license add-on
251118	NBSV1010	10-node license add-on
251120	NBSV1025	25-node license add-on

Environet DCiM System

GEIST MANUFACTURING INC

Part of Geist's Environet Facilities Monitoring Systems. Environet DCiM is a highly customizable, fully scalable system with a single point of access for all your monitoring needs. Geist DCiM provides monitoring, trending, alarming and custom views of up to tens of thousands of monitored data points. The aggregated results are collected across your facilities and presented through a visually rich graphical user interface.

FEATURES

- Tools
  - Floor plans with dynamic links
  - Power one-line diagrams
  - Power capacity planning
  - Energy cost analysis
  - Data center documentation storage
  - Custom reporting
  - Custom views
  - Key performance indicators
  - PUE/DCiE
  - Unique views per user
  - Multi-user based permissions
  - Tenant billing manager
  - User-defined alarm thresholds
- Supported Equipment
  - Chilled water systems
  - CRAC units
  - Utility power meters
  - Switch gear
  - Generators
  - Fuel systems
  - ATSs, STSs
  - UPSs, PDUs
  - RPPs, BCMs
  - Rack PDUs
  - Battery strings
  - Leak detection
  - Fire panels
- Communication Protocols
  - SNMP
  - Modbus
  - BACnet
  - LONworks
  - Niagara
  - Hardwired I/O
  - oBIX

> For more information, please contact your local sales representative.

Racknet Product Family

GEIST MANUFACTURING INC

Part of Geist's Environet Facilities Monitoring System. Manage IT and white space with a single point of integration. The Racknet product family offers vendor-neutral options which allow you to integrate and manage a variety of mission-critical equipment. User-defined graphics, calculations and reports allow for a consolidated view of your data center.

Racknet-Aggregator (Racknet-A): Connects to GNET* via 48 aggregation ports to collect critical data from Geist products. Racknet-A provides visibility to data from Geist power strips in one, centralized location. It prevents users from having to set up thousands of IP addresses on the production network and saves space on costly network switches. Racknet-A communicates via SNMP and supports up to 1,000 devices per unit.

Racknet-Aggregator Server (Racknet-AS): Includes the full feature set of the Racknet product line. It can be used with third-party equipment, has 48 aggregation ports for direct connection, and includes full customization capabilities.

Racknet-Server (Racknet-S): Gathers data from Geist products as well as third-party equipment. It allows users to fully customize graphics and collections. In addition, Racknet-S comes with the ability to derive values from monitored points to create meaningful views of data.
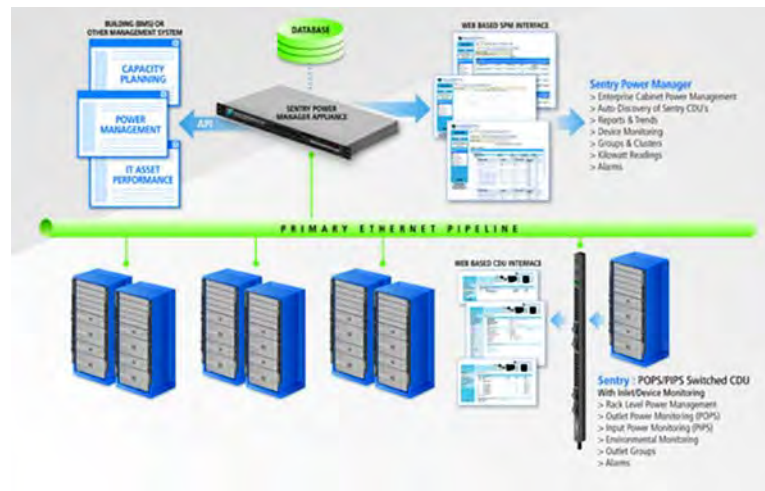
* What is GNET? GNET is the advanced network that brings various Geist devices together - using only one IP address. This technology frees up extra ports on the existing network switches and eliminates the need for a separate connection to each individual device.

> For more information, please contact your local sales representative.

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7.3

System Management and Monitoring Solutions

Sentry Power Manager (SPM)

SERVER TECHNOLOGY

Specifically designed for data centers and telecommunications operations. Sentry Power Manager (SPM) is the most comprehensive and affordable software solution to measure, monitor and trend power in your operation. This solution monitors and manages multiple devices in IP-based enterprise networks. SPM provides a cabinet-level, global view of all CDUs with the ability to view devices based on their temperature, humidity, current and device status. Besides managing and monitoring all alarm conditions, this information can also be used to provide reporting and trending information for display within SPM or integrated using an Application Programming Interface (API) with your existing Building Management System (BMS) or other system.

FEATURES

- A central interface to access multiple network-monitored cabinet power distribution units
- New features include VMWare-ready virtualization, easy to navigate user interface with unlimited customizable views, scheduling and reporting capabilities
- Global view of all Sentry power distribution units (cabinet PDUs) and ability to view devices based on temperature, humidity, current and device status
- Control all networked Sentry cabinet power distribution units. Interoperability to control third-party PDUs
- Control Sentry POPS (Per Outlet Power Sensing) Cabinet PDU on a per outlet basis
- Power information including kW and kW-hour information for billing, power monitoring, trending and power reports. Stores three years of trending data
- IT equipment power information can be used to measure the efficiency in your data center for PUE and DCiE, power efficiency ratings from the Green Grid
- Using industry-standard SOAP and REST API tools SPM often acts as a middleware solution providing power monitoring, management and control solutions down to the device and branch circuit level
- Managing and monitoring alarm conditions
- Power consumption for capacity planning
- Maximize each power circuit by realizing current power being drawn

HARDWARE APPLIANCES
Hardware includes two-year warranty.

Anixter No.	Vendor No.	Description
426851	SPM-APP	Required for SPM node license(s)
426852	SPM-APPR	With hot swappable redundant power supplies and RAID 1; required for SPM node license(s)

NODE LICENSES
Licenses requires support contract.

Anixter No.	Vendor No.	Description
426853	SPM-25	25-node licenses
426854	SPM-50	50-node licenses
426855	SPM-100	100-node licenses
426856	SPM-250	250-node licenses
426857	SPM-500	500-node licenses
426858	SPM-1000	1,000-node licenses

SERVICE PLANS
Includes software updates.

Anixter No.	Vendor No.	Description
426859	SPM1-25	25 node - one-year service contract
426860	SPM1-50	50 node - one-year service contract
426861	SPM1-100	100 node - one-year service contract
426862	SPM1-250	250 node - one-year service contract
426863	SPM1-500	500 node - one-year service contract
426864	SPM1-1K	1,000 node - one-year service contract
426865	SPM3-25	25 node - three-year service contract
426866	SPM3-50	50 node - three-year service contract
426867	SPM3-100	100 node - three-year service contract
426868	SPM3-250	250 node - three-year service contract
426869	SPM3-500	500 node - three-year service contract
426870	SPM3-1K	1,000 node - three-year service contract

NetBotz Physical Threat Protection

APC BY SCHNEIDER ELECTRIC

NetBotz environmental is a family of network-accessible appliances that detect and alarm on environmental factors which threaten or impact the availability of your network-critical physical infrastructure. Scalable from small wiring closets to large data centers to enterprise-wide deployments, the modular design allows for sensor configuration and easily integrates third-party sensors to accommodate specific monitoring needs from temperature and humidity to chemicals and radiation. User-defined alerts can be sent in a variety of formats and easily integrated into event-escalation policies. The NetBotz line includes rack appliances and wall appliances with built-in surveillance camera and video functionality. Rack access control also is integrated into the 455, 550 and 570 products.

FEATURES

- A single interface for surveillance, environmental monitoring and rack access control
- Key integrated sensors include temperature, humidity/dew point, airflow and audio
- Third-party sensor support for monitoring fluid, gas, vibration and dust particles
- Monitors physical "vital signs" of network and computer equipment via IPMI or SNMP
- Notification of critical issues via mobile phones (SMS), Web applications (HTTP Post), e-mail and SNMP

MONITORING APPLIANCES

Anixter No.	Vendor No.	Description
393832	NBRK0201	NetBotz rack monitor 200 (with 120/240 V power supply)
372886	NBWL0355	NetBotz room monitor 355 (without PoE Injector)
394628	NBWL0356	NetBotz room monitor 355 (with 120/240 V PoE Injector)
397505	NBWL0451	NetBotz rack monitor 450 (with 120/240 V power supply)
372882	NBWL0455	NetBotz room monitor 455 (without PoE Injector)
372883	NBWL0456	NetBotz room monitor 455 (with 120/240 V PoE Injector)
394632	NBRK0551	NetBotz rack monitor 550 (with 120/240 V power supply)

SENSORS AND ACCESSORIES

Anixter No.	Vendor No.	Description
373047	NBPD0155	NetBotz Room Sensor Pod 155
373045	NBPD0150	NetBotz Rack Sensor Pod 150
288303	NBPD0129	4-20 mA Sensor Pod, includes 5 m USB cable
324900	AP9335T	Temperature sensor
324901	AP9335TH	Temperature and humidity sensor
324908	AP9520T	Temperature sensor with display
397508	AP9529TH	Temperature and humidity sensor
249503	NBDA1501	NetBotz Amp detector 1-15 (for NEMA 5-15)
251106	NBDA2001	NetBotz Amp detector 1-20 (for NEMA 5-20)
251110	NBDA20L1	NetBotz Amp detector 6-20L (for NEMA L6-20)
274833	NBDA20L2	NetBotz Amp detector 6-20L (for NEMA L6-20)
251112	NBDA30L2	NetBotz Amp detector 6-30L (for NEMA L6-30)
373086	NBES0304	NetBotz dry contact cable - 15 ft.
373087	NBES0302	NetBotz door switch sensor for rooms or third-party racks - 50 ft.
373099	NBES0303	NetBotz Door Switch Sensor (two) for a rack - 12 ft.
272792	NBES0201	NetBotz Particle Sensor PS100
373090	NBES0308	NetBotz Leak Rope Sensor - 20 ft.
373103	NBES0309	NetBotz Leak Rope Extension - 20 ft.
373101	NBES0306	NetBotz vibration sensor - 12 ft.
373102	NBES0307	NetBotz smoke sensor - 10 ft.
324896	AP9324	Alarm Beacon
265313	NBAC0205	Mounting bracket for camera pod 120
265315	NBAC0206	Mounting bracket for sensor pod 120
272794	NBAC0221	Pod-mounting kit
443064	NBPD0171	Integrated Rack Access for NetShelter SX
443065	NBPD0172	Integrated Rack Access for Chatsworth GlobalFrame

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Chatsworth Products, Inc.

RIM-600 Remote Infrastructure Management System

CHATSWORTH PRODUCTS INC (CPI)

The RIM-600 gives you the ability to remotely monitor, record and analyze environmental conditions in your data centers and equipment rooms. It also supervises the status of network links, routers, printers, servers and any other device with an IP address. If a problem occurs in your network, the RIM-600 will inform you through various communications interfaces (Web, voice, two-way e-mail, fax and page). With the embedded Web server, you have the ability to check the condition of your network at any time and from anywhere. The flexibility, scalability and adaptability provided by the RIM-600 make it the ultimate choice for any data center. The RIM-600 system components include: host unit, node, sensors and network cameras (all sold separately); also has Ethernet and phone connections so you can be contacted even if the network is down.

FEATURES
- Host unit (1U):
  - Internal sensors include: sound, backup-battery power level, source power on/off
  - Eight external sensors: any mix of sensors desired
  - Monitor 64 IP addresses
  - View up to 128 network cameras
  - Store 62,500 records (can be downloaded)
  - 64 user profiles with eight contacts each
  - Includes configuration software CD and user's manual
- Node module (1U):
  - Supervised by host unit
  - Able to use up to 31 node modules per one host unit
  - Eight external sensors: any mix of sensors desired
- External sensors (connected by RJ45 using Cat 5 UTP):
  - Temperature
  - Humidity
  - Water detection
  - Smoke detection
  - Power monitoring
  - Motion sensor
  - NO/NC dry contact bridge
  - 4-20 mA bridge
  - Door open/door closed sensor

RIM-600 SYSTEM

Anixter No.	Vendor No.	Description
324436	60000-001	Host unit, 110/220 V AC, 60/50 Hz
324438	60001-002	Node unit, 110/220 V AC, 60/50 Hz
324463	60075-001	Wall-mount kit

EXTERNAL SENSORS AND NETWORK CAMERAS

Anixter No.	Vendor No.	Description
324442	60010-001	Temperature; 5°F to 122°F, no display
324443	60011-001	Temperature; 32°F to 95°F, with display
324444	60013-001	Temperature; 0°C to 50°C, with display
324445	60012-007	Mini-temperature; 5°F to 140°F, no display
324446	60032-010	Water sensor with 10 ft. L (3 m) detection rope
324447	60072-001	Additional 10 ft. L (3 m) water detection rope
324448	60030-001	Humidity sensor, no display
324449	60031-001	Humidity sensor with display
324450	60062-007	Smoke detector with 7 ft. L (2.1 m) cable
324451	60040-001	Power monitoring sensor with C14 power inlet
324452	60061-007	Motion sensor, passive infrared with 7 ft. L cord
324453	60050-001	NO/NC dry contact bridge
324454	60051-001	4-20 mA bridge
324455	60052-001	Door open/closed sensor, magnetic reed
339445	60052-002	Dual door open/closed sensor, magnetic reed, for cabinets

Monitor, Environmental Monitor and Power Distribution

GEIST MANUFACTURING INC

Geist specializes in 15 to 120 amp power distribution units (PDUs). In addition to their 1,000+ standard units, Geist offers rapid-response production of custom PDUs. All Geist units are built to order and made in the USA. From in-house chassis production to an on-site UL testing lab, Geist's cohesive abilities result in the lowest lead times in the PDU industry. Your configuration, your PDU can be available for shipment in as little as three days. Geist's IP-based products feature intelligent power distribution and monitoring systems. From tiny monitors for tight locations to PDUs providing individual outlet level control. There's a dynamic GUI interface, including logs and graphs, and accessibility via any Web browser. You are able to remotely monitor power and environmental conditions, establish thresholds, receive alerts and remotely respond to warnings with real-time feedback confirmation.

POWER MONITORING - POWER + POWER MONITORING + ENVIRONMENTAL MONITORING (WITH ON-BOARD DISPLAY)

Anixter No.	Vendor No.	Description
494653	RCXB243-103D20TL21-D	66 in. 30 amp vertical, 3-phase WYE, 120 V output, 24 outlets (20 amp duplex 5-20R) L21-30P
494654	RCXB300-103IN6TL6-D	66 in. 30 amp vertical, 120 V output, 30 outlets (24 IEC C13 and six IEC C19), L6-30P
494655	RCXB308-103IN6TL21-D	66 in. 30 amp vertical, 3-phase WYE, 208 V output, 30 outlets (24 IEC C13 and six IEC C19), L21-30P
494656	RCXB308-103IN6TL15-D	66 in. 30 amp vertical, 3-phase DELTA, 208 V output, 30 outlets (24 IEC C13 and six IEC C19), L15-30P
494657	RCXW300-103PN6TL6-D-LP	70 in. 30 amp vertical, 30 amp vertical, 208 V output, 30 outlets (24 locking IEC C13 and six locking IEC C19), L6-30P. Reduced footprint, low profile, ideal for tight installations
494658	RCXW308-103PN6TL21-D-LP	70 in. 30 amp vertical, 3-phase WYE, 208 V output, 30 outlets (24 locking IEC C13 and six locking IEC C19), L21-30P. Reduced footprint, low profile, ideal for tight installations

Anixter No.	Vendor No.	Description
494659	RCXW308-103PN6TL15-D-LP	70 in. 30 amp vertical, 3-phase DELTA, 208 V output, 30 outlets (24 locking IEC C13 and six locking IEC C19), L15-30P. Reduced footprint, low profile, ideal for tight installations
494660	RCXW368-105IT9CS15-35-D	70 in. 35 amp vertical, 3-phase DELTA, 208 V output, 36 outlets (30 IEC C13 and six IEC C19), 50 A CA style twist-lock, 250 V, 3P/4W

WIRELESS POWER MONITORING

Anixter No.	Vendor No.	Description
494668	VHVBPN308-102IN6TL21	66 in. 20 amp vertical, 30 outlets (24 IEC C13 and six IEC C19), L21-20P
494669	XPBP308-103IN6TL15	66 in. 30 amp vertical, 3-phase DELTA, 30 outlets (24 IEC C13 and six IEC C19), L15-30P
494670	ZPBP248-106IBBPS15	66 in. 60 amp vertical, 3-phase DELTA, 24 outlets (12 IEC C13 and 12 IEC C19), 60 A 3P + N + E 30 A pin and sleeve

POWER MONITORING + OUTLET LEVEL MONITORING

Anixter No.	Vendor No.	Description
494671	RCOBN248-102PH6TL21-D	66 in. 20 amp vertical, 3-phase WYE, 208 V output, 24 outlets (18 locking IEC C13 and six locking IEC C19), L21-20P
494672	RCOW240-103PH6TL6-D	72 in. 30 amp vertical, 24 outlets (18 locking IEC C13 and six locking IEC C19), L6-30P
494673	RCOW243-103PH6PS56-D	72 in. 30 amp vertical, 3-phase WYE, 230 V output, 24 outlets (18 locking IEC C13 and six locking IEC C19), 30 A 3P + E 60 A pin and sleeve

SWITCHED - POWER + POWER MONITORING + ENVIRONMENTAL MONITORING + REMOTE CONTROL

Anixter No.	Vendor No.	Description
494678	RCMWN243-102S15TL21-OD	70 in. 20 amp vertical, 3-phase WYE, 120 V output, 24 outlets (15 amp individual), L21-20P
494679	RCMW240-103S15TL5-OD	70 in. 30 amp vertical, 120 V output, 24 outlets (15 amp individual), L5-30P
494680	RCMW243-103PK3PS56-OD	72 in. 30 amp vertical, 3-phase WYE, 230 V output, 24 outlets (21 locking IEC C13 and three locking IEC C19), 30 A 3P + N + E pin and sleeve

SWITCHED ULTRA - POWER + POWER MONITORING + ENVIRONMENTAL MONITORING + REMOTE CONTROL + OUTLET LEVEL MONITORING (WITH ONBOARD DISPLAY)

Anixter No.	Vendor No.	Description
494681	RCUWN242-102S15ST5-OD	70 in. 20 amp vertical, 120 V, 24 outlets (15 amp individual), 5-20P
494682	RCUR080-103D20TL5-OD	19 in. 30 amp, 120 V output horizontal, eight outlets (20 amp duplex), L5-30P
494683	RCUW248-103PK3TL15-OD	72 in. 30 amp vertical, 3-phase DELTA, 208 V output, 24 outlets (21 locking IEC C13 and three locking IEC C19), L15-30P

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(continued)   Monitor, Environmental Monitor and Power Distribution

ENVIRONMENTAL MONITOR
Includes 19 in. horizontal environmental monitor, 16 RJ11 jacks and three I/O ports

Anixter No.	Vendor No.	Description
350729	RSMINI163	Monitoring Aggregator

ENVIRONMENTAL MONITOR + DISPLAY

Anixter No.	Vendor No.	Description
352758	RSE2X16	Environmental Monitor + Display

ENVIRONMENTAL MONITOR + RELAYS

Anixter No.	Vendor No.	Description
427215	RS0	Environmental Monitor + Relays, 19 in. horizontal Environmental Monitor, four RJ11 jacks and six I/O ports, three internal control relays, LCD display
494686	RS0-P	Environmental Monitor + Relays, 19 in. horizontal Environmental Monitor, four RJ11 jacks and six I/O ports, three internal control relays, LCD display, PoE enabled
494685	GBB15	Environmental Monitor, on-board temperature, humidity and dew-point sensors, two RJ12 expansion ports for connecting up to four external digital sensors
494687	GBB15-P	Environmental Monitor, on-board temperature, humidity and dew-point sensors, two RJ12 expansion ports for connecting up to four external digital sensors, PoE enabled
494689	GBB100	Climate Monitoring, on-board temperature and humidity, input capacity of eight external sensors and output of one NO/NC relay, four 0—5 V DC/dry-contact analog inputs and one digital sensor port, unique features of the GBB100 is its relay contact port used to energize or de-energize an external device
494690	GBB100-P	Climate Monitoring, on-board temperature and humidity, input capacity of eight external sensors and output of one NO/NC relay, four 0—5 V DC/dry-contact analog inputs and one digital sensor port, unique features of the GBB100 is its relay contact port used to energize or de-energize an external device, PoE enabled

ENVIRONMENTAL MONITORING ACCESSORIES

Anixter No.	Vendor No.	Description
355469	POE SPLITTER	PoE splitter has the option of outputting 5 V DC or 12 V DC power signal from the 48 V DC on the Data In port
494697	KVM1116P	16-port digital IP KVM with Virtual Media, one remote user
311808	RT-20	RJ Port Sensor, Remote Temperature Sensor, 20 ft. cord
311809	RDPS	I/O Port Sensor, Remote Door Position Sensor
311810	RWS	I/O Port Sensor, Remote Water Sensor
355470	WSCK-10	I/O Port Sensor, Water Sensing Cable Kit, 10 ft. cord
494698	GTHD	RJ port sensor, temperature and humidity, multiple sensors can be daisy chained using the remote sensor port, two additional RJ12 ports available to add remote temperature sensors (RT)
494699	GT3HD	RJ port sensor, temperature, humidity and dew point sensor, multiple sensors can be daisy chained using the remote sensor port, two additional RJ12 ports available to add remote temperature sensors (RT)

SeaHawk Leak Detection

RLE TECHNOLOGIES

SeaHawk leak-detection products detect and annunciate the presence of fluids in contact with a spot detector or sensing cable. SeaHawk products provide reliable, scalable solutions to accommodate any leak-detection need while mitigating the potential for costly business outages and downtime in facilities worldwide. RLE's patented leak-sensing cable helps eliminate false alarms commonly associated with other leak-detection cable. It is available in standard and custom lengths with preinstalled mating connectors and can be used with "zone" controllers to identify that fluid is in contact with the sensing cable as well as "distance-read" controllers to identify the actual distance to the leak from the controller.

FEATURES

- Versatile leak detection - spot detectors, single zone/multizone/distance read controllers
- Sensing cables for detecting conductive fluids and chemicals
- Interactive, integrated leak-detection maps
- Easy integration with existing alarm-monitoring systems
- IP addressable and Web accessible
- BMS and NMS friendly - SNMP, BACnet and Modbus output communications
- Hardwire outputs - NO/NC Form C dry contacts, 4-20 mA

SPOT DETECTORS

Anixter No.	Vendor No.	Description
425890	SD-RO1	Spot detector, conductive fluids, 14 ft./4.26 m leader, relay output, 24 V AC/V DC
247975	SD	Spot detector, conductive fluids, 14 ft./4.26 m leader cable, 12-36 V AC or 18-36 V DC (for use with Falcon F3400 and FMS products)
259716	SD-Z	Spot detector, conductive fluids, two 10 in./0.25 m male/female leader cables (for use with SeaHawk panels)
425891	SD-Z1	Spot detector, conductive fluids, 14 ft./4.26 m leader cable (for use with SeaHawk LD300, LD1000 and LDRA6 panels)

SEAHAWK LEAK-DETECTION SENSING CABLE

Anixter No.	Vendor No.	Description
425892	SC-10	Sensing cable, conductive fluids, 10 ft./3.04 m, preinstalled male/female connectors
425893	SC-17	Sensing cable, conductive fluids, 17 ft./5.18 m, preinstalled male/female connectors
247158	SC-25	Sensing cable, conductive fluids, 25 ft./7.62 m, preinstalled male/female connectors
247159	SC-50	Sensing cable, conductive fluids, 50 ft./15.24 m, preinstalled male/female connectors
442887	SC-C-10	Sensing cable, chemicals, 10 ft./3.04 m, preinstalled male/female connectors
442889	SC-C-25	Sensing cable, chemicals, 25 ft./7.62 m, preinstalled male/female connectors
442890	SC-C-50	Sensing cable, chemicals, 50 ft./15.24 m, preinstalled male/female connectors

SEAHAWK LEAK-DETECTION CONTROLLERS

Anixter No.	Vendor No.	Description
425895	LD300	Single-zone panel, no audible, 5 V DC
425896	LD1000	Single-zone panel, selectable audible, 24 V AC/ V DC
425897	LDRA6	Six-zone/input panel, dual functionality, 24 V DC
425900	LD1500	Distance read, integration panel, Web enabled, 24 V AC/V DC
441505	SEAHAWK 10K	Distance read, stand-alone or integration panel, 12-24 V AC/V DC
437512	LD2100	Distance read, integration panel; Web enabled; integrated, interactive leak-detection map; 24 V AC/V DC
441504	LD5200	Distance read panel, LCD touchscreen display; integrated, interactive leak-detection maps; 110/120/230-240 V AC

SEAHAWK LEAK-DETECTION ACCESSORIES

Anixter No.	Vendor No.	Description
425904	NSC-10	Non-sensing cable, for use with SC only (not SC-C),10 ft./3.04 m, preinstalled male/female connectors
258831	NSC-25	Non-sensing cable, for use with SC only (not SC-C), 25 ft./7.62 m, preinstalled male/female connectors
258832	NSC-50	Non-sensing cable, for use with SC only (not SC-C), 50 ft./15.24 m, preinstalled male/female connectors
442894	NSC-10-M	Non-sensing cable, for use with SC-C, 10 ft./3.04 m, preinstalled male/female connectors
442895	NSC-25-M	Non-sensing cable, for use with SC-C, 25 ft./7.62 m, preinstalled male/female connectors
442896	NSC-50-CH	Non-sensing cable, for use with SC-C, 50 ft./15.24 m, preinstalled male/female connectors
258835	JC-25	J-clips, for use with SC only (not SC-C), quantity 25
442897	JC-C-25	J-clips, for use with SC-C, quantity 25

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RLE Technologies

(continued) SeaHawk Leak Detection

Anixter No.	Vendor No.	Description
425918	LC-KIT	15 ft./4.57 m leader cable and EOL terminator for SeaHawk panels, for use with SC only (not SC-C)
442898	LC-KIT-M	15 ft./4.57 m leader cable and EOL terminator for SeaHawk panels using SC-C
425919	SC-T	Cable caution tags, quantity 10
425920	FM1114	Framed reference map, 11 in. x 14 in. (27.9 cm x 35.5 cm)
425921	WCCS-50	Weighted cable connector, for use with SC only (not SC-C), simulates 50 ft./15.24 m of SC
425922	X-CON	X-Connector, for use with SC only (not SC-C), single input, three "branch" outputs
425926	LD-ENC	Wall-mount enclosure for LD2100 and LD1500, 110/120/230-240 V AC
425927	LD-ENC-NP	Wall-mount enclosure for LD2100 and LD1500 with no internal power supply
426232	LD1500-RMB	Rack-mount bracket for LD1500, 19 in./482 mm
441506	LD2100-RMB	Rack-mount bracket for LD2100, 19 in./482 mm
425928	PSWA-DC-24	85-264 V AC, 50/60 Hz, to 24 V DC with barrel connector
425929	WA-AC-24-ST	120 V AC to 24 V AC (for use with the SD-RO1), stripped end
425930	WA-DC-5-ST	100-240 V to 5 V DC, stripped end

Falcon Monitoring and Notification Products

RLE TECHNOLOGIES

Falcon monitoring systems track environmental conditions and the status of equipment in critical areas and provide redundant alarm notification when conditions exceed acceptable limits. These Web-based alarm-monitoring and notification systems accommodate third-party sensors, can be accessed and configured with a Web browser and do not require additional external computer hardware or software. Falcon products are stand-alone appliances with no recurring fees that can also be easily integrated into existing building management or network management systems via SNMP, Modbus and BACnet protocols. Internal logging provides the ability to view historical information of sensors that are integrated. Image files can be uploaded to provide a graphical representation of the location being monitored and display sensor locations and values.

Falcon Monitoring Systems include products that are scalable (eight to 104 inputs) and accept dry contacts, analog sensors (4-20 mA, 0-5 V DC, 0-10 V DC), SNMP,

Modbus and BACnet signals. Relay outputs provide the ability to turn equipment on and off manually, when an alarm condition is identified and through configured schedules.

ALARM MONITORING AND NOTIFICATION

Anixter No.	Vendor No.	Description
425931	F110	Eight DI (dry contacts), three RJ11 inputs, includes two temperature sensors, USA 5 V DC power supply
425932	F110-A	Eight DI (dry contacts), three RJ11 inputs, includes temperature and temperature/humidity sensor, USA 5 V DC power supply
425937	F3400	32 inputs, two RO, no modem, 24 V DC
425940	FMS-X-N-24	Eight UI (dry contacts and 4-20 mA), two relay outputs, 1RU, one expansion card slot, 24 V DC
425941	FMS-X-Y-24	Eight UI (dry contacts and 4-20 mA), two relay outputs, 1RU, internal temperature/humidity sensor, one expansion card slot, 24 V DC
425942	FMS-X-N-48	Eight UI (dry contacts and 4-20 mA), two relay outputs, 1RU, one expansion card slot, 48 V DC
425943	FMS-XXXX-N-24	Eight UI (dry contacts and 4-20 mA), two relay outputs, 2RU, four expansion card slots, 24 V DC
425945	FMS-XXXX-N-48	Eight UI (dry contacts and 4-20 mA), two relay outputs, 2RU, four expansion card slots, 48 V DC

ACCESSORIES

Anixter No.	Vendor No.	Description
425951	EXP-A-24/48	12 UI (dry contacts and 4-20 mA, 0-5 V DC, 0-10 V DC), eight relay outputs (24 V DC or 48 V DC FMS models), limit one per 48 V DC FMS
425952	EXP-C-24	24 DI (dry contacts) (24 V DC FMS models only)
418128	EXP-C-48	24 DI (dry contacts) (48 V DC FMS models only)
425938	EXP-IM	Internal modem for F3400 and FMS
425933	F110-RMB	F110 19 in. rack-mount bracket
247953	WMB	FMS wall-mount brackets, quantity two
426240	EM-WHMB	Wire harness - FMS main board, 50 ft./15.24 m
426244	EM-WHEC	Wire harness - FMS expansion cards, 50 ft./15.24 m

FALCON MISCELLANEOUS SENSORS

Note: The Falcon F3400 and FMS monitoring products can also accommodate third-party sensors.

Anixter No.	Vendor No.	Description
425934	F110-TS	F110 temperature sensor, 25 ft./7.62 m with RJ11 connector
425935	F110-THS	F110 temperature/humidity sensor, 25 ft./7.62 m with RJ11 connector
247168	T120D	Temperature sensor with LCD display, 4-20 mA, wall mount, 12-24 V DC
247956	TH140	Temperature/humidity sensor, 4-20 mA, wall mount, 12-24 V DC
247957	TH140D	Temperature/humidity sensor with LCD display, 4-20 mA, wall mount, 12-24 V DC
425961	H130	Humidity sensor, wall mount, 4-20 mA, 12-24 V DC and hydrogen detector, two relays (10 and 25 percent LEL), 24 V AC/V DC
442899	AFS-D	Airflow sensor, digital
425966	MD3	Motion sensor, 12-24 V DC
418109	MDS	Magnetic door sensor
425968	SMK	Smoke detector, photoelectric, 12-24 V DC
426262	HD150-2	Hydrogen detector, two relays (10 and 25 percent LEL), 24 V AC/V DC

WIRELESS GATEWAY - FDS-WI

The FDS-Wi is a wireless gateway capable of receiving 418 MHz and 900 MHz signals from select transmitters that sense temperature, humidity, motion, power, dry contact, analog signals and signal repeaters.

Anixter No.	Vendor No.	Description
425971	FDS-WI	418/900 MHz receiver, 24 V DC power supply included
425972	FDS-WI-418	418 MHz receiver, 24 V DC power supply included

WIRELESS REPEATER AND 418 MHZ WIRELESS SENSORS (FOR USE WITH THE FDS-WI)

Anixter No.	Vendor No.	Description
425973	WI-PR	Wireless repeater (mesh repeater), 418 MHz receiver with 900 MHz transmitter
425974	WI-TS	Temperature sensor, 418 MHz wireless transmitter
425975	WI-THS	Temperature/humidity sensor, 418 MHz wireless transmitter
425976	WI-DIT	Temperature sensor and digital input; 418 MHz wireless transmitter
483543	WI-LD-SPOT	Leak detector with spot sensor, 418 MHz wireless transmitter, includes 14 ft/4.26 m leader cable
483640	WI-LD-25	Leak detector with sensing cable; conductive fluids, 418 MHz wireless transmitter, 25 ft./7.62 m leader cable

900 MHZ WIRELESS SENSORS (FOR USE WITH THE FDS-WI)

Anixter No.	Vendor No.	Description
425981	WI-TS9	Temperature sensor, 900 MHz wireless transmitter
425982	WI-THS9	Temperature/humidity sensor, 900 MHz wireless transmitter

Raptor Integration Solutions

RLE TECHNOLOGIES

Raptor Integration Solutions provide custom solutions for unique applications. UL 508a certification allows RLE to engineer and manufacture custom annunciation panels and certify them under the UL label. RLE has a number of products that accommodate specific integration needs. Raptor products easily integrate into existing management and monitoring systems to provide enhanced visibility of critical equipment and environmental conditions.

FEATURES

- Protocol converter accepts SNMP, Modbus or BACnet and can output any of these three protocols
- Power-fail monitors identify the loss of power to 120 V AC outlets and provide a dry contact output to alarm on loss of power to the outlet
- Alarm-status panels provide audible and visual alarm notification when a dry contact relay changes status
- Relay replicators split and electrically isolate dry contact signals to simplify integration into multiple alarm-monitoring systems
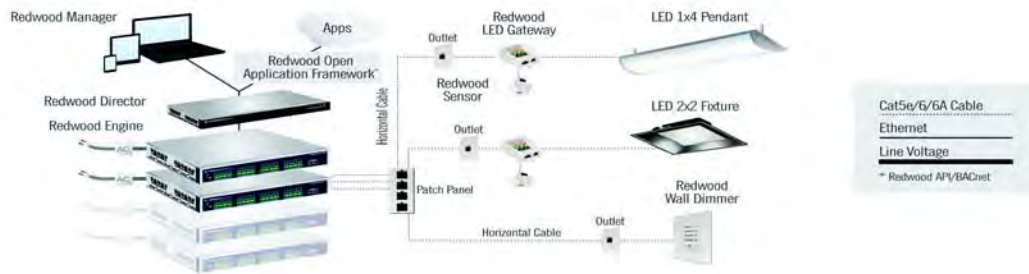
Anixter No.	Vendor No.	Description
425910	FDS-PC	Protocol converter - SNMP/Modbus/BACnet
441503	FDS-PC-DP	Protocol converter - dual port (two additional Modbus EIA-485 ports), SNMP/Modbus/BACnet
247977	PFM	Power-fail monitor, (USA) 120 V AC
258839	RR1X2	Single-input alarm status panel or relay replicator with one input/two outputs, dual functionality, 24 V AC/V DC
425897	LDRA6	Six-zone/input panel, dual functionality, 24 V DC
247163	RR5X10	Relay replicator, 5 inputs/10 outputs, 24 V AC/V DC
425908	RR5X10-48	Relay replicator, 5 inputs/10 outputs, 48 V DC
247164	RR10X20	Relay replicator, 10 inputs/20 outputs, 24 V AC/V DC
425909	RR10X20-48	Relay replicator, 10 inputs/20 outputs, 48 V DC
258840	RR20X40	Relay replicator, 20 inputs/40 outputs, 110/120/230-240 V AC

System Management and Monitoring Solutions

Redwood Systems

Building Performance Lighting for Data Centers

REDWOOD SYSTEMS

Facing mounting pressure to improve power usage effectiveness (PUE) and drive uptimes higher, data center operators need to look beyond the IT equipment to the entire facility to lower costs and create high-performing workplaces. Creating an efficient lighting system is a quick and easy way to capture energy savings.

Redwood Systems' intelligent lighting platform is the world's only smart building platform that uses Cat 5e, 6 and 6A structured cabling to power and control LED lights and a high-density sensor grid in order to reduce energy. The system relies on a standards-based infrastructure, which includes energy-efficient lighting and controls found in the ANSI/TIA-942-A standard. The Redwood system scales well across various types of data centers from large Fortune 500 companies to co-location facilities, service providers and smaller mission-critical ones.

This lighting solution delivers value far beyond lighting to data center operations by concurrently deploying a smart network that senses and reports on multiple environmental parameters providing the following benefits:
- Monitor threats to uptime
- Reduced maintenance
- Enhanced security
- Remote monitoring and control

REDWOOD DIRECTOR

Anixter No.	Vendor No.	Description
461088	DIR-1G	Director

REDWOOD ENGINE

Anixter No.	Vendor No.	Description
461083	RE64-2G-120-250	120 - 250 V engine
461084	RE64-2G-277	277 V engine

REDWOOD GATEWAY AND SENSORS

Anixter No.	Vendor No.	Description
461087	RS-2G	Sensor
487144	RS-2G-D	PIR sensor
493064	RG-2G-LED-ML22D122	Redwood gateway for all Maxlite Gen II DP 2 x 2 and 1 x 4 LED fixtures

REDWOOD DIMMER SWITCHES

Anixter No.	Vendor No.	Description
455574	RD-1G-W	Dimmer switch
486385	DIM-2-4SW	Four-scene controller switch

REDWOOD SOLUTION ACCESSORIES

Anixter No.	Vendor No.	Description
478410	POWERCORD-NA-120-250	Power cord for 120 - 250 V engine
478411	POWERCORD-NA-277-20P-10	Power cord for 277 V engine
455580	CABEXT-2	2 ft. cable extender
455581	CABEXT-4	4 ft. cable extender
455582	CABEXT-6	6 ft. cable extender
455583	CABEXT-8	8 ft. cable extender

COMPULINK
For Redwood Solution

Anixter No.	Vendor No.	Description
476721	35-10047-01	84 in. copper assembly engine connector on one end and terminated RJ45s on the other (Redwood Part # RPC-RJ45-IG)

MAXLITE
For Series 2 x 2 Fixtures

Anixter No.	Vendor No.	Description
490862	MLCP22DP4035RW	GEN II DP series 2 x 2 LED fixture 3500K
490864	MLCP22DP4041RW	GEN II DP series 2 x 2 LED fixture 4100K
490865	MLCP22DP4050RW	GEN II DP series 2 x 2 LED fixture 5000K

MAXLITE
For Series 1 x 4 Fixtures

Anixter No.	Vendor No.	Description
490866	MLCP14DP4035RW	GEN II DP series 1 x 4 LED fixture 3500K
490868	MLCP14DP4041RW	GEN II DP series 1 x 4 LED fixture 4100K
490869	MLCP14DP4050RW	GEN II DP series 1 x 4 LED fixture 5000K
490870	EM	Emergency pack

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ANIXTER

Your Source for Your Infrastructure Needs

Telecom Closet
- Copper and fiber optic cable
- Patch cords and patch panels
- Racks, cabinets and shelving products
- Cable management
- Grounding and bonding
- UPS and power protection
- Tools and test equipment
- Switches
- Power over Ethernet (PoE)
- Media converters
- Transceivers

Horizontal Building Space
- Copper and fiber optic cable
- Flexible cable runway
- J-hooks
- Indoor plenum innerduct
- Cable ties
- Wireless access points
- Building wire
- Wireless distributed antenna systems (DAS)
- Ceiling and wall-mount zone enclosures

Remote Manufacturing Facility
- Electrical and electronic support and supply products (cable tray, cable ties, etc.)
- Power cable
- Instrumentation and control cable
- Specialty industrial cable
- Portable cord
- Industrial networking products
- Industrial control cable
- Industrial communication cable (Ethernet, fieldbus, fiber)
- Enclosures
- Perimeter security
- Power distribution and power protection

Workstation
- Jacks, adapters and faceplates
- Patch cords
- Labeling
- Surface raceway
- Telephones
- Headsets
- Voice and visual paging
- UPS and power protection products

Commercial Building

Riser Building Space
- Copper and fiber optic backbone cable
- Firestop
- Building wire

Remote Manufacturing Facility

Security Systems
- Video surveillance
- Access control
- Network and environmental monitoring
- Sound and paging systems
- Fire and intrusion products
- Low-voltage and fiber cabling
- Accessories
- UPS and power protection
- Architectural hardware
- Key systems/Key control

Data Center
- Copper and fiber optic cable
- Patch cords and patch panels
- Intelligent patching
- Preterminated copper and fiber solutions
- Racks, cabinets and shelving
- TZ Praetorian™ Cabinet Locking System
- Cable management
- Intelligent rack power strips
- Grounding and bonding
- Precision cooling units
- Power distribution units (PDUs)
- Uninterrupted power supplies (UPS)
- Overhead duct and ladder rack
- Environmental monitoring and management products
- Switches
- Console servers
- Device servers
- CSU/DSU
- KVM switches and console managers
- Power cabling and accessories
- Power over Ethernet (PoE)
- Access control and surveillance systems
- Tools and test equipment
- Building entrance protection

Anixter's Supply Chain Solutions can help customers stay profitable and competitive in the marketplace. By customizing our Supply Chain Solutions, we provide our customers with effective, scalable and repeatable solutions to eliminate costs, save time, mitigate risk and enhance productivity throughout the deployment process.

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