

PRODUCT SOLUTIONS BRIEF  
**RARITAN**

**MICRO DATA CENTRE INFRASTRUCTURE MANAGEMENT**



Through our strong global partnerships and alliances with manufacturers such as Raritan, we are able to present you with the following offering to meet your specific data centre requirements.

**EMX® Smart Rack Controller**

Raritan's EMX Smart Rack Controller is a central connection point for all of Raritan's environmental sensors. The EMX device provides a rack management solution that combines both the asset management and environmental monitoring capabilities. The EMX smart rack controller offers up to eight sensor ports, eight feature ports for Raritan's dynamic asset-tracking solution and eight RS-485 ports, all in a 1U form factor.



The EMX is an IP-based appliance that allows you to use any of Raritan's sensors such as temperature, humidity, air pressure and airflow.

**CHALLENGE SOLVERS**

- Connect Raritan's environmental sensor to the EMX device for remote monitoring of conditions such as temperature or humidity.
- Accessible via 10/100 Ethernet or Wi-Fi so you can use existing wired network infrastructure or avoid the cost of pulling cables.
- Connect to a webcam for real-time snapshots or videos inside the server room or data centre to enhance the security.
- Users can define thresholds and receive alerts via SNMP, email and syslog when thresholds are crossed for both asset and environmental events.

**THE ANIXTER APPROACH**

- **Asset management**  
 Implement a centralised asset management process with an easily maintainable database.
- **Environmental monitoring**  
 Use temperature, humidity and pressure sensor technology to achieve conditional environmental control.

**THE RARITAN SOLUTION**

HARDWARE MODEL	CABINET SENSORS	ASSET MANAGEMENT
EMX2-111 EMX2-888	Temperature Temperature and humidity Airflow Contact closure	42U sensor kit 45U sensor kit 48U sensor kit 54U sensor kit

[anixter.com/shopraritan/emea](http://anixter.com/shopraritan/emea)



**WHAT WE HEAR**

Challenges from various data centre stakeholders:



**INTEGRATING** with business process



No technology **EVALUATION** tools



Supplier **INTEGRATION** competency



Interdepartmental **CONFLICT**



Cost of **IMPLEMENTATION**

**Infrastructure as a Platform**  
 by Anixter

Infrastructure as a Platform by Anixter provides a comprehensive approach to defining data centre infrastructure management (DCIM), which starts at the physical layer, by simplifying deployment and integration with your business processes.

## CONFIGURE

We help you discover and map your specific needs to the best solution.

- Sensor count
- Sensor type
- Asset management
- Intelligent asset tags

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Legrand® Mighty Mo® Cabinets
- Clarity® High Density Copper
- Power IQ® monitoring software
- Intelligent rack PDUs

## DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

## RARITAN EMX FEATURES

### ✓ ASSET MANAGEMENT

- Intelligent asset management tracking
- Works with Raritan's AMT/AMS tags and sensors
- Web-based GUI allows you to remotely see the location of each IT device
- Ability to set an RGB colour LED indicator for each rack unit slot on the AMS

### ✓ ENVIRONMENTAL MONITORING

- Ensures uptime by monitoring racks for possible hot spots
- Saves on cooling costs by confidently allowing you to raise data centre temperatures
- Improves data centre uptime by receiving environmental alerts
- LCD display for at-the-rack monitoring of all sensor data



Feature ports support Raritan's electronic asset tagging to track assets in 1U rack increments.

**> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPRARITAN/EMEA](https://www.anixter.com/shopraritan/emea)**

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**Legal Statement:** [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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