MONITORING FOR MAXIMUM UPTIME

Ensuring your network edge does not become a liability

VERTIV™

THE NETWORK EDGE IS NOW A CRITICAL AREA FOR BUSINESS PERFORMANCE.

As data processing moves closer to data points of origin, network edge locations are expanding in both number and capacity. By the year 2020, the pervasiveness of the Internet of Things (IoT) and the growing presence of Internet-connected devices and their respective data will solidify uptime as a data center's top priority.[1]

It's the lack of visibility into the edge environment that presents a real threat to ensuring uptime.

Dealing with our increasing dependence on the edge

As our reliance on edge environments has grown, so have our expectations. Speed and availability are essential to ensure customer satisfaction and service.

For example, dynamic, edge-oriented market sectors such as healthcare, finance and retail all need a window into IT performance. When availability drops, user experience suffers, and that can have detrimental effects on business outcomes.

The key to ensuring high-level performance is visibility. And that can be complicated by distance.

When equipped with the right monitoring, management and troubleshooting tools, personnel can gain comprehensive vision into their edge computing environment. With instant remote access to edge routers and servers, issues can be quickly diagnosed and resolved—increasing productivity and ensuring the security of essential business systems.

Every edge is different

Each distributed computing environment is unique. It will behave differently based on its intended purpose and on the number and types of applications running there. And from planning and deployment to remote monitoring, each edge environment has a unique set of issues based on its geographical location, data requirements and available IT expertise.

These divergent needs demand an exceptional solution for monitoring, management and control. IT professionals and network operations center (NOC) personnel need serial access, environmental monitoring, IoT integration and remote networking capability to know the status of all operational equipment.

The solution

Our infrastructure monitoring, intelligent controls and centralized management systems work together to increase equipment availability, utilization and efficiency.

The Avocent® ACS 800 and 8000 enable IT personnel to remotely monitor and manage IT assets from virtually anywhere to ensure uninterrupted network service, security and reliability for a complete management solution.

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1. Gates, R. Data center uptime pressure mounts as IoT takes hold. IoT Agenda 2015. http://internetofthingsagenda.techtarget.com/news/4500256105/Data-center-uptime-pressure-mounts-as-IoT-takes-hold. Accessed February, 23, 2018.

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The five factors that maximize uptime

Unrestricted access to the operational status of distributed computing environments

High availability of all critical equipment

Secure remote management

Rapid identification and response to fault conditions

Integrated power management via network or serial communications