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niagara

Niagara Framework for Data Centers
A Case Study: Cosentry

niagara

COSENTRY IS COVERED WITH NIAGARA FRAMEWORK

3 Locations
Nebraska
Missouri
South Dakota

Managed Points
Over 65,500 points
Over 240 devices

Purpose
To integrate current technologies with an effective billing and SLA tracking module capable of generating custom reports and sending notifications when an alarm condition is met.

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For more than ten years, Cosentry has provided businesses with resiliency solutions ranging from disaster recovery and managed technical services to hosting and data center services. As a top-tier technology utility, Cosentry allows businesses to operate seamlessly if there is a small incident or a full-scale disaster.

With six regional facilities, Cosentry is responsible for protecting its clients' business operations. To make sure clients are covered, Cosentry implemented Niagara-based systems in its regional facilities.

Before implementing Niagara, Cosentry took manual recordings, often referred to as "sneaker reports," to measure electrical circuits feeding customer servers. These manual recordings required personnel to walk to each meter, take a live recording and then report the reading for billing verification purposes.

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However, taking recordings manually can be time consuming, costly and prone to human error. In addition, manual reporting is an ineffective way to record data because it provides only a single measurement in time and does not provide data for other times of the day or month.

Above all, Cosentry wanted a monitoring system with the ability to display data in an easy-to-use, intuitive and customizable interface that could also be customized to their needs.

According to Scott Capps, Data Center Facility Manager, "We knew that we needed a highly flexible, customizable and easy-to-use application that our employees would use on a daily basis."

Cosentry decided to implement the Niagara framework to gather live data per circuit and automatically generate bills for customers. Niagara helped condense Cosentry's access points to make monitoring more efficient. Capps says, "Our business thrives on the ability to receive and provide our customers with real-time information. We can track thousands of points in one location and have the tools we need to report on real-time data."

With no more sneaker reports, personnel can focus on other priorities, readings are highly accurate and Cosentry can monitor their mission-critical facilities with even more confidence. The most helpful feature, according to Capps, is the notification. "We have peace of mind because we are notified right away if a device goes into alarm. This allows my team to work more efficiently and reduces the overall level of worry in our facility."

Capps also finds the reporting function useful. Capps runs reports to show power usage and overages of clients. "The customized views allow us to navigate through each one of our sites to ensure everything is up and running throughout the day. We also appreciate the Report Manager feature, which allows us to automate the reports that can be generated for any specific period of time."

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Creating Possibilities

Tridium is the global leader in open platforms, application software frameworks, automation infrastructure technology, energy management and device-to-enterprise integration solutions. Our software frameworks and applications have fundamentally changed the way devices and systems connect, integrate and interoperate with each other and the enterprise.

From building control, facility management, industrial automation and energy information systems to smart homes, smart cities and smart services, Tridium's innovative platforms enable the building and management of complex monitoring, control and automation solutions, and empower manufacturers to develop products that can collaborate and communicate with the enterprise.

We are committed to leading the industry in creating smarter, safer and more efficient buildings and communities, bringing intelligence and connectivity to the network edge and back.

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