

Edge computing for distribution network automation

The microservice-based edge computing apparatus is a novel technology in the smart distribution transformer area to improve the adaptability of the distribution automation system.

The solution portfolio for COM-HPC server modules is particularly impressive, tackling the fact that a significantly higher TDP must be mastered for these edge computing platforms, which represents a ...

Smart grid technology is advancing bravely in the tide of the development of the times, and edge computing plays an increasingly prominent role in the real-time

Leveraging integrated local AI and edge computing capabilities, the controller independently manages data acquisition, event analysis, and action execution, enabling rapid ...

To ensure reliable performance under extreme conditions, environmental hardening is essential for devices to perform reliably under extreme conditions including temperature ranges from ...

congatec - a leading vendor of embedded and edge computing technology - focuses on customers' ruggedization challenges at virtual embedded world 2021, presenting extended ...

This paper reviews intelligent acceptance systems for distribution automation terminals, highlighting the integration of edge computing technologies that enhance efficiency, reduce latency, and improve ...

HOUSTON - April 30, 2026 - HPE (NYSE: HPE) today expanded its HPE ProLiant edge portfolio for customers seeking to extend AI and mission-critical workloads to highly distributed and harsh ...

Understanding the definition, functions, and types of distribution automation terminals provides a foundation for exploring the application of edge computing in distribution automation ...

By categorizing edge computing applications, the findings provide a comprehensive reference for both researchers and industry professionals working on the development of next ...

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