



Edge Computing for Industrial Applications

Based on HPE ProLiant technology

Avnet Integrated, HPE and Schneider Electric are partnering to provide rugged industrial edge computing solutions with certified interoperability, dramatically streamlining the process of deploying EcoStruxure Micro Data Center solutions.

EcoStruxure Micro Data Center solutions deliver high performance and ensure low latency while providing solid protection for IT equipment in edge installations that must coexist in non-IT environments.

Integrated edge computing solutions from Avnet Integrated, HPE and Schneider Electric are highly scalable and capable of easily adapting computing capacity and infrastructure to ever increasing volumes of data. Integral to its advanced design is the premium placed on security, both in terms of physical IT infrastructure and in preventing intrusions from IIoT devices.

This technology partnership has thoughtfully engineered a standardized infrastructure optimized to run applications based on the powerful AVEVA System Platform, fulfilling requirements for:

- Continuous streaming of (near) real-time data from multiple sources
- Persistent workloads
- High CPU clock speeds
- Low disk capacity requirements, benefiting from high IOPs disk throughput
- Data latency from real-world to screen: 1-2 seconds
- Recovery point objective: configurable from less than 1 second to 15 minutes
- Data loss objective: configurable from 0-60 seconds

Schneider Electric's EcoStruxure IT software and services allow for effective remote management, greatly reducing the need and cost of onsite IT support staff.



Approved by:



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Ruggedized Plug & Play Ready Solutions

Building a Complete End-to-End Solution



1. HPE ProLiant DL360 Gen10 Servers

Small Configuration, **DL360 Gen10 Model S** - Intel® Xeon® 8 Core CPU, 16GB RAM, 1TB HDD from 5000 to 10.000 data points, 2 remote Desktop clients.

Medium Configuration, **DL360 Gen10 Model M** - Intel® Xeon® 16 Core CPU, 32GB RAM, 1TB HDD : from 25.000 to 50.000 data points, 5 remote desktop clients.

Large Configuration, **DL360 Gen10 Model L** - Intel® Xeon® (2x)18 Core CPU, 64GB RAM, 244GB SSD: up to 100.000 data points, 20 Remote Desktop clients, 20.000 historian records per second, 10 alarm changes per second.

2. Schneider Electric Rack Enclosure & Power Protection

- High-performance server and physical infrastructure optimized for Aveva's users
- Pre-installed software, remote management and physical infrastructure components for rapid turn-key deployment within harsh environments
- Broad portfolio of configurations for a wide range of workloads



Connect with a certified
IT Solution Provider today!

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