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Simplifying IT for Critical Operations at the Edge

Rudy de Anda
Head of Strategic Alliances
Stratus

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Achieving the Full Benefits of Digital Transformation Requires Edge Computing

Simple

Easy to set up & provision
Easy to manage
Easy to add capabilities

Protected

No unscheduled downtime
Embedded cybersecurity
Single button restoration

Autonomous

Failure prediction
Easy to update
Remote monitoring

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AVEVA

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Schneider Electric

Micro Data Center

40% less field engineering time

20% faster time-to-market

7% less maintenance costs

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Bringing the Micro Data Center to the Factory Floor

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Scalable Solutions

Regional Data Center Edge
Global Data Center

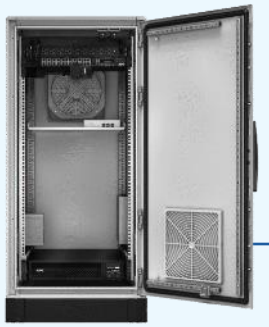
Compute & Local Data Center Edge

Enterprise

Field

Device, Gateway, Compute Edge

Field Control Room



Cloud Connect

Command Center

Mobile Clients

Machine Builder
Stratus ztC Advisor

Stratus & Schneider Embedded Services

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Micro Data Center Use Cases

Ecosystem

- OEM Machine Builders
- Solution Builders
- System Integrators
- Customers bringing data centers to the factory floor.

Applications

- Monitor and Control
- On-prem Historian
- MES/APM
- Material Handling
- AI/ML

Multi-Industry

- Water Wastewater
- F&B CPG
- Pharmaceutical
- Power
- Oil and Gas

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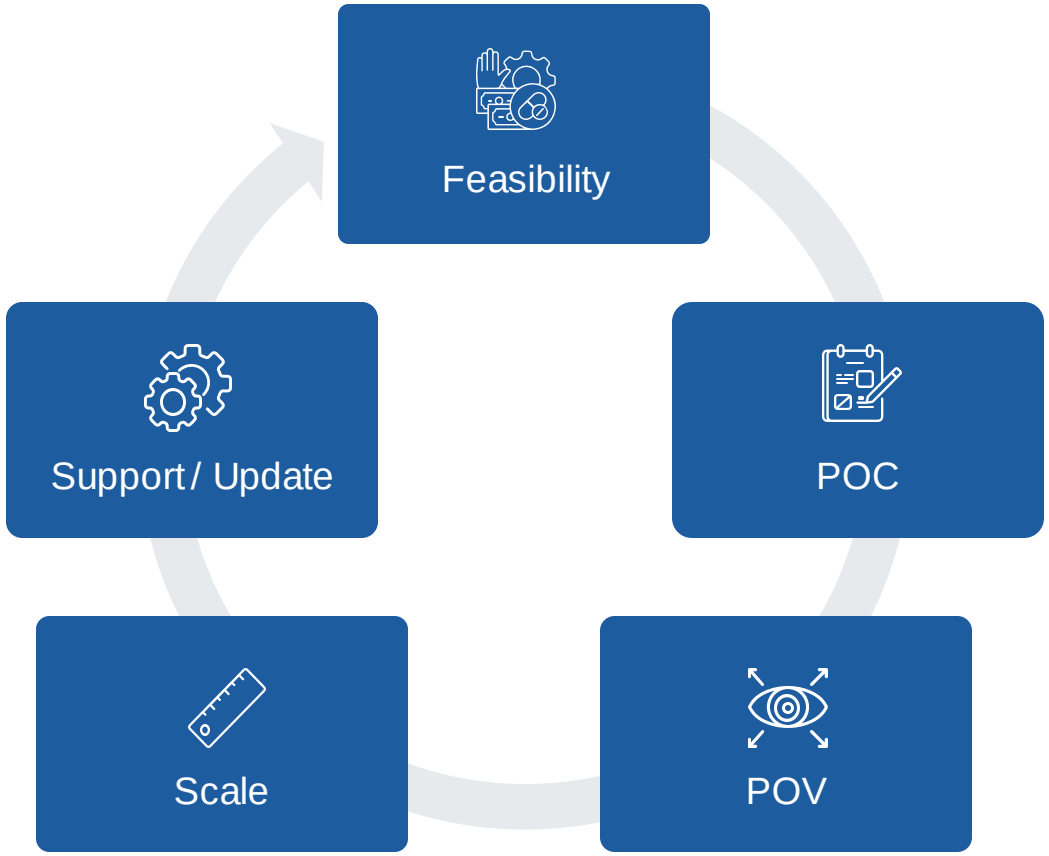
Project Lifecycle

Simplification at Every Phase



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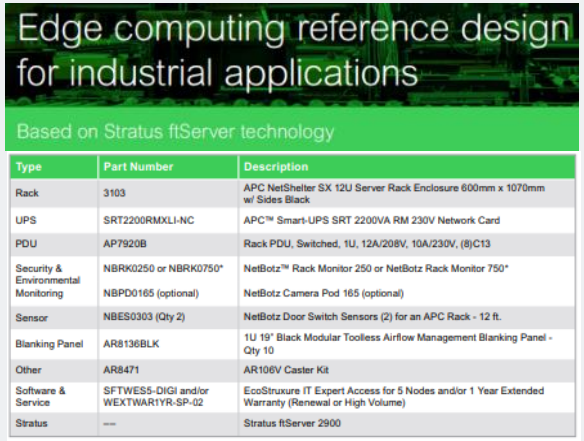
Integration Options

Integration Levels to Meet Your Project Needs

Reference Design



Type	Part Number	Description
Rack	3103	APC NetShelter SX 12U Server Rack Enclosure 600mm x 1070mm w/ Sides Black
UPS	SRT2200RMXLI-NC	APC™ Smart-UPS SRT 2200VA RM 230V Network Card
PDU	AP7920B	Rack PDU, Switched, 1U, 12A/208V, 10A/230V, (8)C13
Security & Environmental Monitoring	NBRK0250 or NBRK0750*	NetBotz™ Rack Monitor 250 or NetBotz Rack Monitor 750*
	NBPD0165 (optional)	NetBotz Camera Pod 165 (optional)
Sensor	NBES0303 (Qty 2)	NetBotz Door Switch Sensors (2) for an APC Rack - 12 ft.
Blanking Panel	AR8136BLK	1U 19" Black Modular Toolless Airflow Management Blanking Panel - Qty 10
Other	AR8471	AR106V Caster Kit
Software & Service	SFTWES5-DIGI and/or WEXTWAR1YR-SP-02	EcoStruxure IT Expert Access for 5 Nodes and/or 1 Year Extended Warranty (Renewal or High Volume)
Stratus	---	Stratus ftServer 2900

Reference design for self assembly

Physical Integration

Single PO and vendor, approved solution, UPS integrated to server

Turn-Key MDC

Your VMs pre-installed, tested, documented, and ready to configure

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Thank You

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