

Simplifying IT for Critical Operations at the Edge

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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

AVEVA



Micro Data Center



40% less field engineering time



20% faster time-to-market



7% less maintenance costs

Bringing the Micro Data Center to the Factory Floor



Scalable Solutions

Regional Data
Center Edge
Global Data
Center

Field Control Room

Cloud Connect

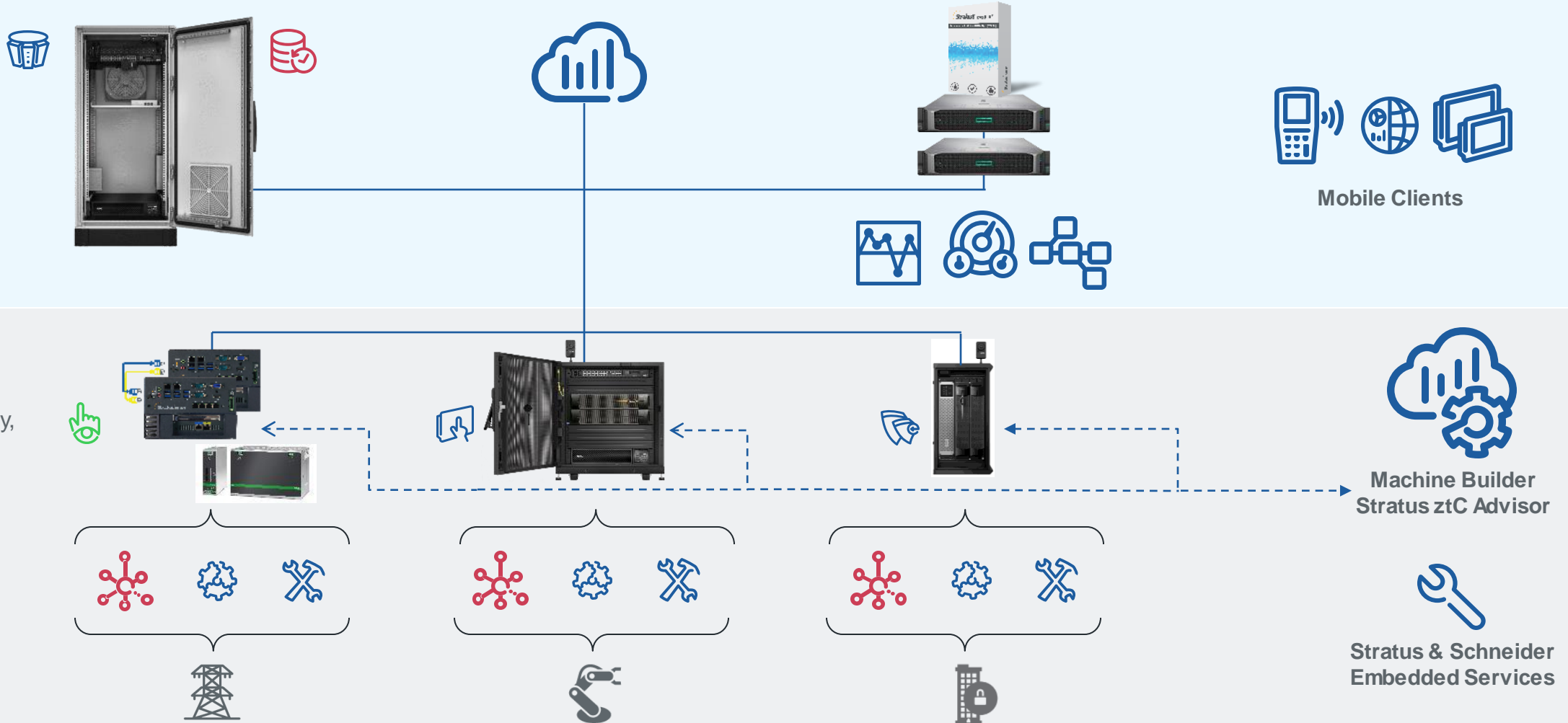
Command Center

Compute &
Local Data
Center Edge

Enterprise

Field

Device, Gateway,
Compute Edge



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



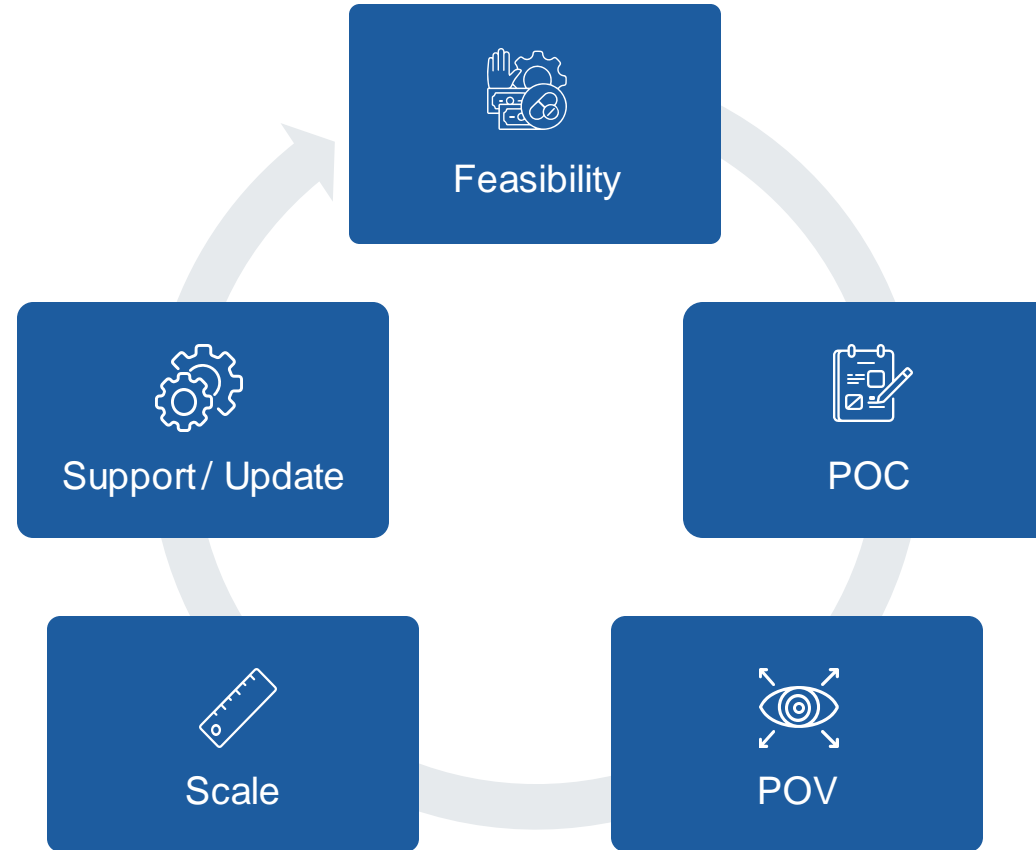
Power



Oil and Gas

Project Lifecycle

Simplification at Every Phase



Integration Options

Integration Levels to Meet Your Project Needs

Reference Design

Edge computing reference design
for industrial applications

Based on Stratus ftServer technology

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* NBP0165 (optional)	NetBotz™ Rack Monitor 250 or NetBotz Rack Monitor 750* 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	AR100V Caster Kit
Software & Service	SFTWESS-DIGI and/or WEXTWAR1YR-SP-02	EcoStructure 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

Thank You

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