

Now is the moment to transform Data Center Operations

Why now?

Few technologies have greater potential to balance the three biggest challenges facing data centers – to maintain uptime, to mitigate costs and to manage complexity – than unified operations centers

Unified Operations Center

What is it, and how can it dramatically improve my Data Center Operations?

For data centers today, pressures on uptime are increasing, costs are rising, and the complexity is huge.

- What if you could intelligently detect inefficiencies and potential problems, automatically trigger remedial action and constantly optimize uptime performance?
- What if you could feel confident every day that risks are minimized, costs (including energy efficiency) are mitigated and workforce efficiency is at its optimum?
- What if you could remove complexity by controlling all operations with a single-pane-of-glass, a system of systems, with 300 connectors integrating all IT and OT systems?

You *can* with AVEVA Unified Operations Center

We'll take you there.

AVEVA

Industry Challenges

Maintaining Uptime

31% of data centers faced downtime in the past year

\$1m+ reported cost of outages by 41 data centers

Zero downtime expectations that go beyond the SLA

+

Mitigating Costs

Up to 50% of Data Center OPEX relates to energy efficiency and water usage

Workforce and other OPEX also have high impact

Sustainability impacted by resource inefficiencies

+

Managing Complexity

5+ siloed specialized applications are required to operate a single data center site

Increasing complexity and variety of software & hardware upgrades, tasks & projects – amid high agility, security & scalability expectations



Availability and service level agreements impacted by poor asset reliability and capacity planning. Operations and management don't have easy access to the right data, early warnings & maintenance protocols.



Lack of full visibility and real time KPIs makes resource management and forecasting ineffective resulting in increased energy costs and environmental impact. Slow manual remediation leads to waste.



Lack of integration of data from multiple 3rd parties and home-grown systems hampers operations and efficient decision making. Information overload leads to inaction.

Proven Business Outcomes (\$)

Across a wide range of industries with equivalent challenges

Maintaining Uptime

\$100k average saving for each predicted failure

+5X detecting abnormalities before system availability is impacted

+37% success rate handling abnormal situations when occurring

£250k (avg) operational cost saving via network failure detection, real time monitoring and control

+

Mitigating Costs

Up to 15% less energy consumption

10% operating cost reduction

15% fewer operating staff hours

20% reduction in staff labour

50% reduction in training time

ROI within 12-18 months on enhanced workforce operator training and resultant efficiencies

100% maximising sustainability

+

Managing Complexity

Up to 40% improvement in operational effectiveness

1 x solution, a system of systems, automating facilities and IT

41% reduction in the time required to complete tasks

80% less engineering effort

Up to \$1m annual benefits from real-time operation visibility and control through remedial actions

5,000+ customers worldwide

A Unique Approach

A truly comprehensive Data Center Operations Management solution

From...

Disparate systems and data

- Little or no visibility of key data
- IT and OT silos & lack of system integration
- Slow response to issues and remediation
- Inefficient workforce resource management
- Complex integration that limits possibilities

...To

A single system of insight *and action*

- Single-pane-of-glass view of sites, operations and assets
- Full integration of all 3rd party & home-grown systems
- Automated self-healing actions
- Easy to use, intuitive workflows & replicable procedures
- Hardware and software vendor agnostic system

A Unique Solution

An IT & OT operations management platform based on expertise and technology in both domains

Unified Operations Center

Single pane solution converging IT\OT systems for monitoring, control, and optimization

Sites

Single-Sites, Multi (Campus), Regional, Enterprise

Operations

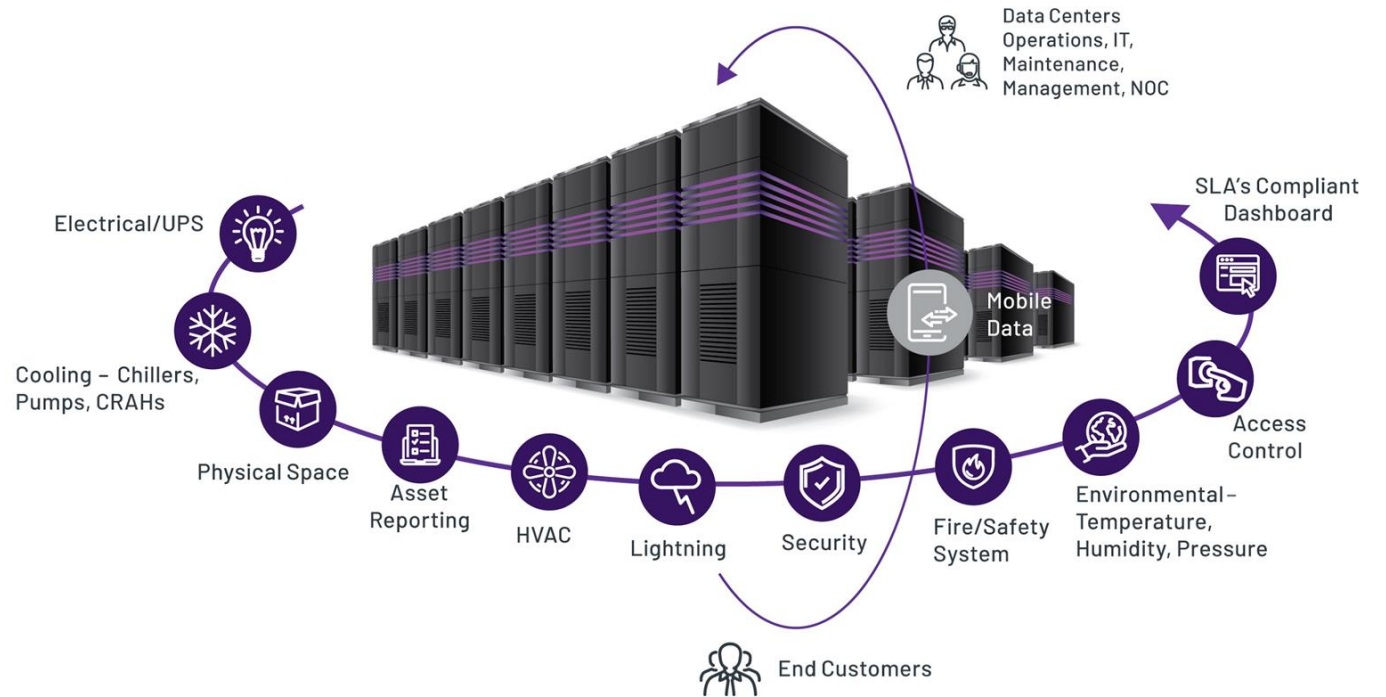
Remote Access, NOC, SLA, Uptime, Reporting, Compliance, AI\ML, Predictive Analytics, Simulation, Training

Systems

DCIM, BMS, HVAC, Power Monitoring, Backup Power, Chilled Water, Security, Surveillance, Leak Detection, Asset Management, Maintenance, Finance, IT systems

Assets

Servers, UPS, PLC, DDC, CRAC\CRAH, Sensors, Meters, Equipment, Instruments, Camera



We'll take **you** there