DELLTechnologies

Fast-Track Smart Manufacturing

Simplify the manufacturing edge to generate insights where you need them.

Edge data is exploding.

10.8 million petabytes
total data compute at the edge by 2024[1]

10X growth
in total data compute at the edge from 2019-2024[1]

3.5/10
maturity rating of edge computing for manufacturers / OT providers[2]

Edge proliferation

The explosion of industrial IoT and other edge endpoints escalate data management and security complexities.

71%
of decision-makers gather data faster than they can use it.[3]

#3 barrier
to transformation is the inability to transform data into insights.[3]

#1 factor
in planning edge computing is security.[4]

60%
of firms collect and generate more data than before.[5]

Simplify your edge.

Reduce complexity, siloed infrastructure, latency and security risks at the edge.

Consolidation
Consolidate apps, hardware and processes to enhance efficiencies in OT and IT management.

End-to-end solutions
Rely on a partner ecosystem with consistent solutions from edge to core to cloud.

Speed and scalability
Leverage a scalable infrastructure to enable real-time analytics and AI/ML applications at the edge.

Resiliency and security
Rely on a secure, high-availability infrastructure for faster disaster recovery that offers intrinsic security.

Unlock smart manufacturing with edge insights.

Act on real-time data to generate maximum value.

Manufacturing operational intelligence
Increase agility and efficiency while reducing costs and downtime.

Intelligent asset optimization
Improve utilization, reduce failures and eliminate inefficiencies in production cycles.

Predictive maintenance
Identify issues before they impact production and optimize maintenance schedules.

60% of firms
expect to move to a Data-as-a-Service (DaaS) model in the next 1–3 years.[5]

Extend APEX Cloud Services to the edge.

Run essential manufacturing workloads at the edge with the right security and service levels with APEX Cloud Services.

Learn more.

Manufacturing edge or DellTechnologies.com/Edge