**DELL**Technologies

# Fast-Track Smart Manufacturing

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

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### 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]

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### 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.

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## 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.

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## 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

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