

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 2024¹

10X growth

in total data compute at the edge from 2019-2024¹

3.5/10

maturity rating of edge computing for manufacturers / OT providers²



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.

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.

60% of firms

expect to move to a Data-as-a-Service (DaaS) model in the next 1-3 years.⁵

Learn more.

[Manufacturing edge](#) or [DellTechnologies.com/Edge](#)

¹ 451 Research, a part of S&P Global Market Intelligence, internal report, "IT and OT priorities at the enterprise edge," February 2021.
² Dell Technologies internal study, "Voice of the customer OT provider and manufacturer," Spring 2021.
³ Dell Technologies Research, "Measuring digital transformation progress around the world," August 2020.
⁴ 451 Research, a part of S&P Global Market Intelligence, commissioned report, "The Edge-to-Cloud Continuum," January 2021.
⁵ Forrester Consulting study commissioned by Dell Technologies, "Unveiling Data Challenges Afflicting Businesses Around The World," January 2021. Base: 1,635 Director+ decision-makers responsible for data and data strategies in NA, EMEA, APJ, GC, or LATAM.