Revolutionizing manufacturing with data

How edge computing and 5G are helping to create the remarkable factory

From smart to remarkable

Taking digital transformation to new levels—remarkable factories are powered by artificial intelligence and streaming analytics with low latency connectivity. Embracing the edge in 5G optimizes manufacturing processes, all at a cost that is significantly lower than traditional factories and enables the next evolution of industrial automation.

Inside the remarkable factory

When information technology (IT) and operational technology (OT) teams leverage the combined power of edge computing and 5G, remarkable results are possible.

* Strongly or somewhat agree, based on the question: “Thinking about the edge (compute, storage, networking, sensors), in the next 3-5 years, to what extent do you agree or disagree with the following statements?”

Source: Dell Technologies Research, July 2020

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Revolutionizing manufacturing with intelligence at the edge

The transformative role of 5G

The power of 5G for manufacturers is realized through:

- Increased bandwidth with network slicing capabilities and improved security to enable data flows
- Ultra-low latency supporting applications that demand immediate response
- Flexible reconfiguration capability without the constraints of wired connections
- Critical connectivity for remote and hazardous locations that are difficult or expensive to hard-wire

The combination of edge computing and 5G optimizes manufacturing processes and reduces costs, improving overall efficiency and minimizing downtime. This enables manufacturers to achieve extraordinary results that they can scale across processes and around the world. Take the next step. Simplify your edge to make your enterprise as smart as it can be.

Transforming manufacturing with data

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