

# THE ULTIMATE IN DATA PRECISION



NetApp solutions are the perfect partner for organizations looking to harness the full power of their data.

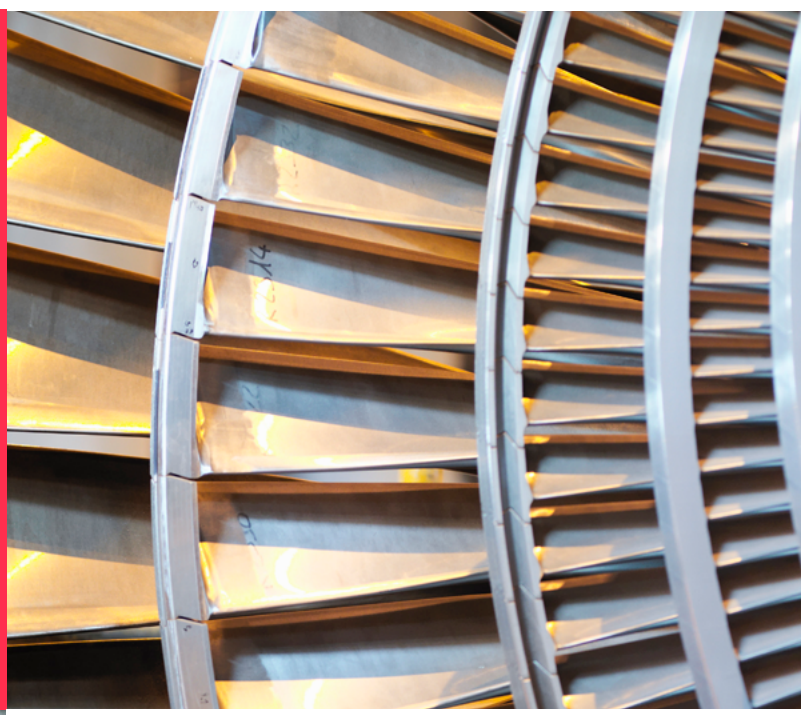
Across manufacturing and engineering businesses, smart technology and Industry 4.0 are unlocking the future of automation. The three pillars of cloud. Big Data and the IoT are the foundations for increased output, greater efficiency, and reduced costs.

However, the ability to collect, transfer, and analyze data is fundamental to seeing these returns. Yet, with the variety of manufacturing data and the difficulty of crossing the OT-IT divide, success isn't possible without advanced data management capabilities.

## 92 %

Manufacturers that rank 'improving operational efficiency' as their greatest priority

[SOURCE](#)



## 70TB

Amount of data an average production line can create on a single day, with most of it not being analyzed

[SOURCE](#)



By leveraging Industry 4.0, it is not uncommon to see 30-50% reductions in machine downtime, 10-30% increases in throughput, 15-30% improvements in labor productivity, and 85% more accurate forecasting.

[SOURCE](#)

### Being predictable is a superpower

While the ability to handle vast quantities of data is useful in itself, it's not about data for data's sake. It's about collecting the right data and ensuring it gets to the right places, at the right times. This is what fuels operational agility and allows for greater clarity in decision-making.

Having data flow seamlessly in real-time, from the shop floor to the supply chain, gives manufacturers that most valuable quality: predictability. From maintenance to inventory, fully understanding what is happening now means better forecasting and planning for next.



## “

In the context of Industry 4.0, we want to implement new leading-edge technologies and bring them to market. The cooperation with NetApp enables us to do that because as a partner, NetApp supports us with those competencies that we do not have in-house.

Dr. Thomas Kuhn, Division Manager of Embedded Systems, Fraunhofer Institute for Experimental Software Engineering

### How NetApp can help Siemens Advanta's customers

Our hybrid cloud and data handling solutions are finely tuned to help empower industrial automation. For example, our partnership with Fraunhofer, the largest application-oriented research organization in Europe, who we helped to successfully integrate shop floor IoT devices with their IT departments. We harmonized interfaces, seamlessly bringing together different business workflows and digitally linking the manufacturing process to incoming orders.

### Unleash the power of data

With NetApp's extensive expertise in hybrid cloud and data processing, our solution portfolio can help bridge the OT-IT divide and massively upgrade data handling and analytical capacity. With us, manufacturers can efficiently store, move, and process large datasets – whether they live on cloud or on premises. With our simplified management systems, we streamline manufacturing data processing and enhance overall operational efficiency.



## Ready to redefine data control?

Contact NetApp