



Building the factory of tomorrow

Unleashing the power of hyper-converged infrastructures with Fujitsu PRIMEFLEX Integrated Systems



Recent global events have placed significant strain on manufacturing companies and their processes. From severe disruptions in the supply chain to escalating security threats, the array of challenges is driving manufacturers of all sizes to turn to digital technology for enhanced agility and resilience, paving the way for a more innovative future.

Historically, IT systems employed in manufacturing environments have been disjointed and varied, pieced together over time to address immediate needs. Ranging from highly sophisticated and robust systems to outdated and fragile ones, industrial settings often require support for various proprietary software. However, many of these applications may not be well-suited for running in the cloud.

The realization of the 'Next-gen Factory' necessitates manufacturing-focused IT infrastructure that offers speed, reliability, and cost-effectiveness for critical workloads such as core manufacturing applications that must remain on-site, situated in close proximity to operational technology. This is essential for reasons related to latency, security, compliance, and operational efficiency.

Hyper-converged infrastructures (HCI) meet these demands by delivering a next-generation on-premises infrastructure with cloud-like operations and economics. Fujitsu PRIMEFLEX Integrated Systems, built on leading hyper-converged technologies from VMware by Broadcom, Nutanix, or Microsoft, provide manufacturing organizations with a reliable, scalable, and cost-effective IT infrastructure that seamlessly integrates into hybrid cloud environments, serving as a robust foundation for navigating the complexities of digital transformation in manufacturing.

www.fujitsu.com/global/primeflex

Benefits at a glance

- Security and performance of core manufacturing workloads
- Flexible deployment for emerging manufacturing applications
- Efficient management for enhanced IT support
- Space, power, and cooling optimization
- Prepared for seamless hybrid integration
- Supports cloud-like pay-per-use model for on-premises infrastructure

Transform with confidence to HCI

Pre-configured and rigorously tested in advance, PRIMEFLEX Integrated Systems from Fujitsu offer IT organizations in manufacturing a seamless solution for the deployment of hyper-converged infrastructures. With a standardized implementation and accompanying infrastructure support service, PRIMEFLEX Integrated Systems significantly enhance the user experience across the entire life cycle of a hyper-converged IT infrastructure – from initial deployment to ongoing operation and maintenance.



Ensure security and performance of core manufacturing workloads

Support all your critical production systems by establishing a robust on-premises platform providing low-latency, 24/7 availability and heightened security standards.



Facilitate flexible deployment of future workloads

Establish a highly scalable platform that supports cloud-like provisioning, thus ensuring swift adaptation to future demands of the business.



Streamline management for enhanced IT support

Boost operational efficiency and reduce routine management efforts through centralized management and automation capabilities, freeing up IT skills to focus on expanding IT services.



Optimize space, power, and cooling resources

Minimize your infrastructure footprint and decrease power and cooling expenses with a space-efficient IT architecture that eliminates the need for external storage systems and LAN switches.



Prepare for hybrid integration

Seamlessly connect to public services, extending your on-premises infrastructure into a hybrid cloud environment for enhanced flexibility and scalability.



Adopt a cloud-like pay-per-use model for on-premises infrastructure

Realize over 25% better total cost of ownership (TCO) compared to traditional capital expenditure approaches with Fujitsu uSCALE – flexible on-premises IT infrastructure solutions “as-a-Service” with monthly consumption-based billing based on actual usage.

What our customers say

“With Fujitsu, we were able to consolidate what had been a heterogeneous system world and make it less complex.”

Karsten Ehrlich, Director IT,
Harro Höfliger Verpackungsmaschinen GmbH

“Picanol group needed the benefits of cloud management and software-defined infrastructure that is compatible and applicable for on-prem infrastructure demands.”

Kris Walraevens, CEO, Incrius

Learn more about PRIMEFLEX Integrated Systems from Fujitsu:

→ www.fujitsu.com/global/primeflex