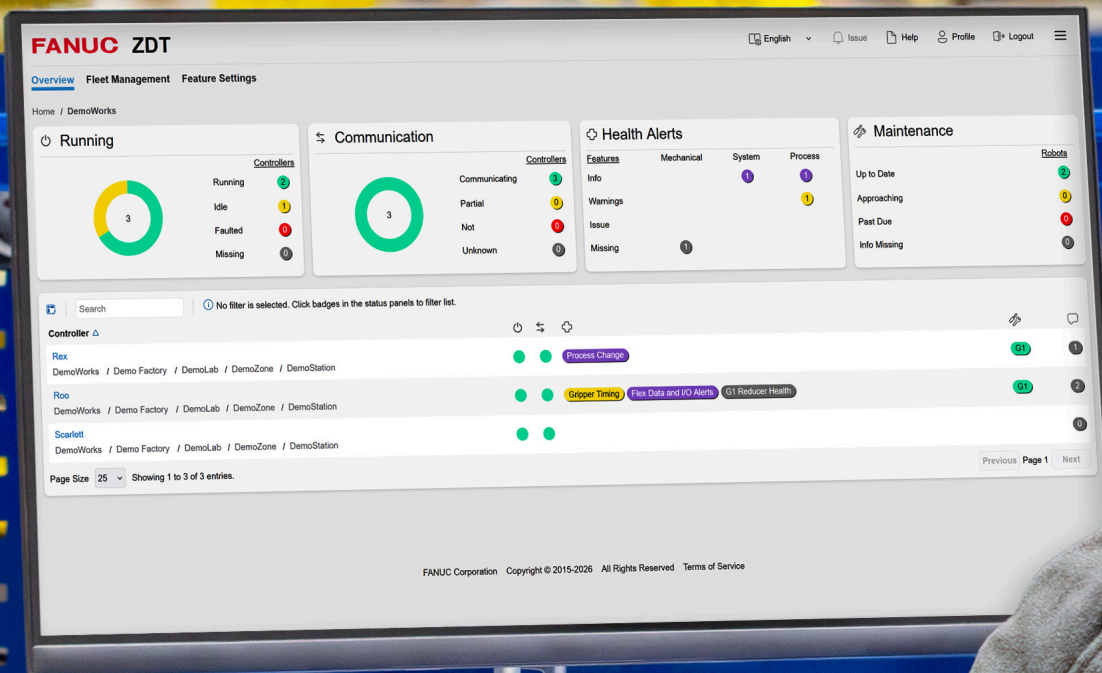


ZDT (Zero Down Time)

Protect your investment with FANUC's proven IoT solution



Features of Zero Down Time

Minimize Downtime

Advanced analytics help reduce unplanned downtime and boost overall productivity.

Connected Monitoring

Gain greater confidence in your production operations with robots continuously connected and monitored through ZDT.

Secure Architecture

Secure outbound only connection to ZDT Cloud.

Predictive Maintenance

Plan maintenance by calendar time, servo run-time or usage.

Remote Portal Access

Securely view system health and performance data anytime, anywhere through the ZDT Consumer Portal.



Predictive Maintenance



Minimize Downtime



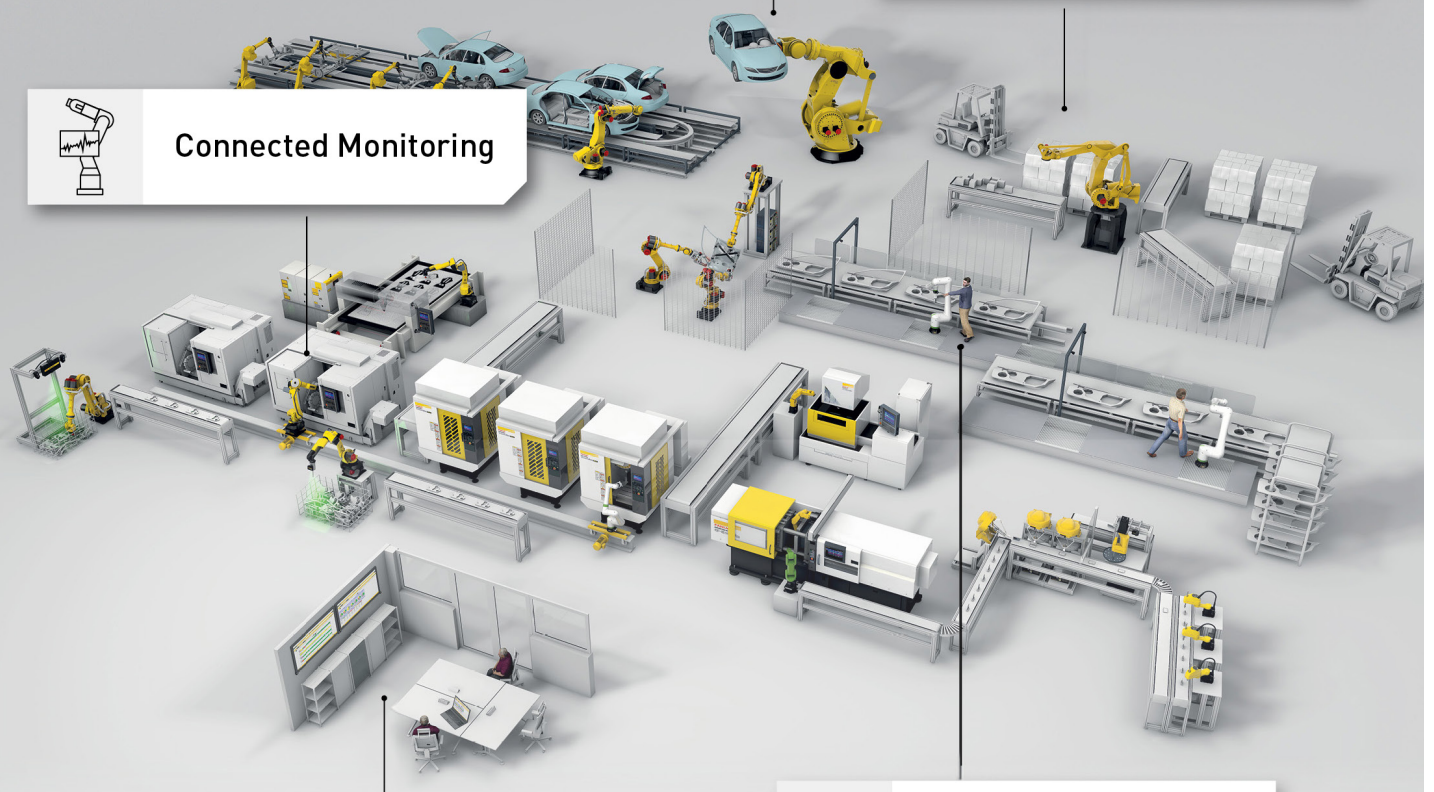
Connected Monitoring



Remote Portal Access



Secure Architecture





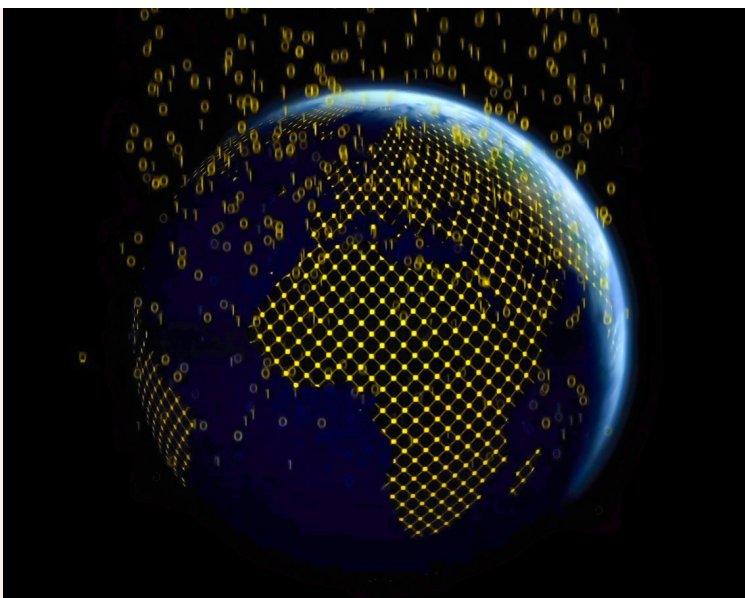
Function

A single robot failure can bring production to a halt. ZDT helps prevent this by proactively detecting potential issues before they escalate. Using predictive analytics and anomaly detection, ZDT minimizes unplanned downtime while maximizing operational reliability.

With built-in asset and fleet management, seamless REST API connectivity, and real-time insights, ZDT improves equipment performance, efficiency, and overall productivity across your operation.

Key Capabilities:

- Predictive analytics and anomaly detection
- Asset and fleet management
- REST API integration with existing systems
- Increased efficiency, uptime, and productivity



Installed Base

Over **35,000 robots** connected worldwide to ZDT and have prevented over 2,000 cases of unplanned robot down time.*

*As of Dec. 2025

Benefits of Zero Down Time



Find Common Errors

- Quickly identify errors that **people** commonly make.
- Corrective and improvement actions can be planned to prevent future issues.



Identify Hidden Problems

- Improve operating time by analyzing history to identify hidden problems.



Predict Mechanical Issues

- Looks for abnormalities in mechanical health, such as reducers, or servo motors and alerts before failure to schedule maintenance.



Proactive Support

- With a global network, FANUC support is available to meet your needs quickly and effectively.

Data Collector Container

ZDT Data Collector is distributed as a container running on a server maintained by the customer. One data collector is required per location. The data collector needs to be on the same LAN as the robots.

