MECHANICAL • SYSTEM • PROCESS

ZDT
FANUC

OPTIMIZE • MAINTAIN • PREDICT • ANALYZE

ZERO DOWN TIME

Award-winning Industrial IoT solution monitors FANUC robots and alerts you of potential issues before down time occurs

Improve productivity, optimize maintenance, and increase the life of your FANUC robots

ZERO DOWN TIME (ZDT)

See what FANUC's up to with the Industrial Internet of Things... Experience ZDT!

+ Protect your investment with FANUC's Predictive Analytics.

+ Use ZDT to access diagnostic information across your enterprise.

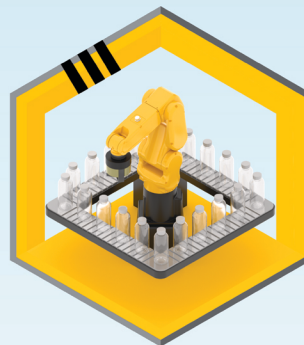+ FANUC and your team can provide support from anywhere in the world.

REDUCER HEALTH

Have you been burned by improper maintenance? ZDT detects that!

+ Scheduled drive maintenance procedures weren't completed and the drive is going to fail.

+ ZDT detects a change in drive performance and predicts a potential failure.

+ ZDT sends the alert, saves the drive - preventing costly unexpected downtime!

END OF ARM TOOL MONITOR

Undetected dropped parts costing you cycle time? ZDT will let you know!

+ Worn suction cups can drop parts in high speed picking applications.

+ ZDT detects an increase in the number of dropped parts and alerts you to the problem.

+ ZDT sends the alert, customer replaces cups - maximizing throughput, saving time and money!
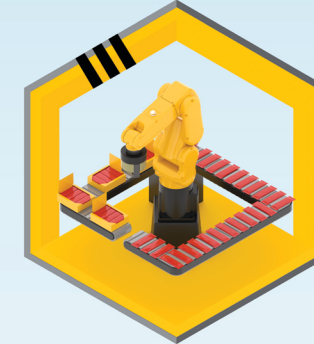
MAINTENANCE REMINDER

Spending time and money on unnecessary maintenance tasks? ZDT can help!

+ Preventive maintenance may require a battery change even if batteries are good.

+ ZDT knows when the batteries need to be changed.

+ ZDT sends the alert, customer replaces the batteries - reducing waste and minimizing costs!
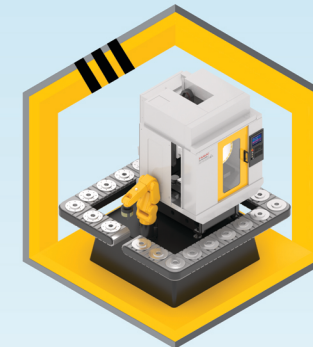
PROCESS CHANGES

Has someone changed a robot program or setting without your knowledge? ZDT knows!

+ Sometimes people make changes that have an unexpected negative impact.

+ ZDT captures every change made to programs and process parameters.

+ ZDT lets you know - saving time with great diagnostic tools to resolve the issue quickly!
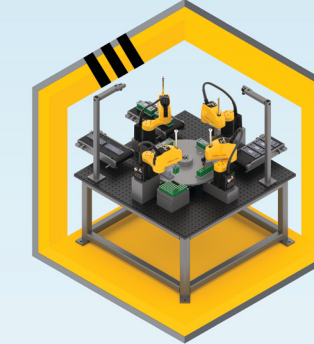
EXCESSIVE E-STOPS

Ever have an operator reset a recurring Emergency stop all day long without reporting it? ZDT is keeping track!

+ These short interruptions minimize throughput and are hard on equipment.

+ ZDT counts and captures important details of every Emergency stop.

+ ZDT notifies you when there are too many Emergency stops - extending robot life and maximizing throughput!

ROBOT OPERATING TIME

Are your robots underutilized or overutilized? It's easy to figure out with ZDT!

+ Manual time studies using a stop watch and clipboard take forever.

+ ZDT tracks how much time every robot is in cycle, idle, faulted, or off.

+ ZDT charts the data making it easy to balance robot workload - ZDT improves efficiency!

FIELD system

Need a platform to collect and leverage data from all of your automation equipment? FIELD system is your answer!

+ Collecting data from a wide variety of automation equipment providers can seem impossible.

+ You and /or a third-party developer can create and sell FIELD system applications to leverage collected data.

+ FANUC's Intelligent Edge Link and Drive (FIELD system) makes it possible!