

# Reduce Downtime and Optimize Production

BY COMBINING PLC & ROBOT ANALYTICS

# TEND

≡ Analyzes data from robots and PLCs to provide complete device visibility across the factory

≡ No programming. Managers configure alerts from all devices to produce actionable reporting

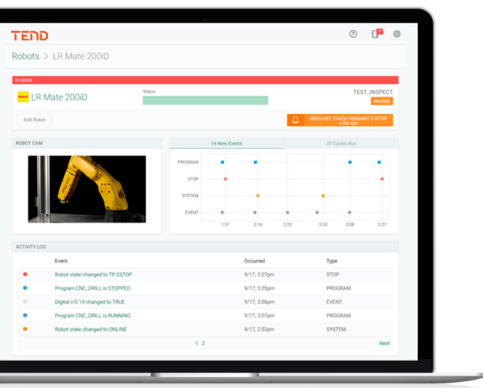
≡ Any factory data can be monitored for faults and analyzed for predictive maintenance

≡ Immediate resolution via remote access to robots and PLCs via smart phones, tablets & PC

FOR MAINTENANCE MANAGERS & APPLICATION ENGINEERS

## Resolve Issues with Secure Remote Access to Robots and PLCs: Monitoring, Proactive Alerting and Predictive Maintenance

Keeping a plant running at peak performance demands both real-time monitoring of all the devices in the factory and arming your staff with the tools they need to resolve issues fast AND a system to predict possible failures before they cause problems:



**Downtime analytics** identifies chronic prioritizes issues within the factory to direct root-cause resolution



**Proactively assess robot and device health**, predicting failures before they occur so maintenance can resolve



**Remote access** of robots and PLCs to determine current status, identify the path to resolution and execute fast



**Real-time Alerts** that identify stoppages or slow-downs



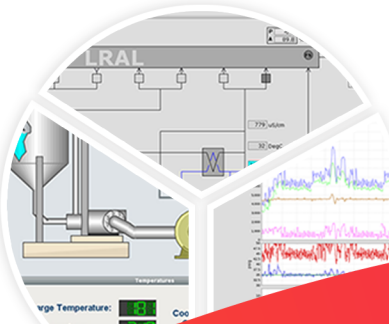
**Secure VPN access** to PLCs for diagnosis & problem resolution



**Monitoring** of machine throughput to prioritize action



**Increase profitability** by optimizing operations



FOR PLANT MANAGERS

## Intuitive Dashboards to View Production Output, Productivity and Resolve Issues

In.production™ equips plant management staff with the critical information needed to observe current production, react to issues, identify chronic problems that cause loss of production and remote access of devices to direct immediate resolution:



**Real-time data** to detect, access and resolve issues faster



**Production visibility** across your devices, including robots



**Predictive maintenance** across robots and other devices



**Monitoring** of machine output and productivity



**Increase profitability** by optimizing operations



ONE PLATFORM, ANY ROBOT

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