

INDUSTRIAL IoT APPLICATION THAT
REMOTELY MONITORS MACHINE OPERATIONS
AND THE GRINDING PROCESS

MAKE ASSURED, INFORMED, & FAST DECISIONS WHILE GRINDING

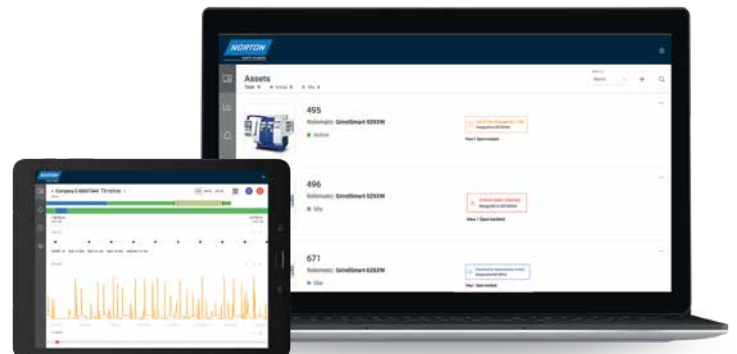
PROCESS MONITORING AND DIAGNOSTIC SYSTEM

The new Norton 4Sight process monitoring and diagnostic system allows you to efficiently and cost effectively monitor the performance and productivity of your grinding process. Real-time data gathered through the Norton 4Sight system will provide you with the insights you need to optimize your process for improved operating performance, wheel life, work piece quality, and system productivity. With instant notifications, real-time dashboards and historical analytics reporting, the Norton 4Sight system can help you grind smartly and remotely. No installation on internal IT infrastructure is required, the Norton 4Sight system operates simply with additional ISP or cellular support.

Turn your machine into an Industry 4.0 smart grinding system and let the Norton 4Sight system put all of the data you need at your fingertips.

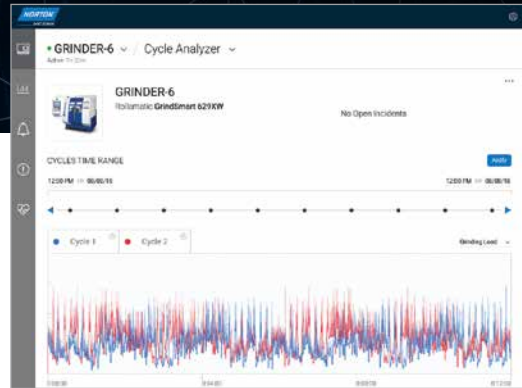
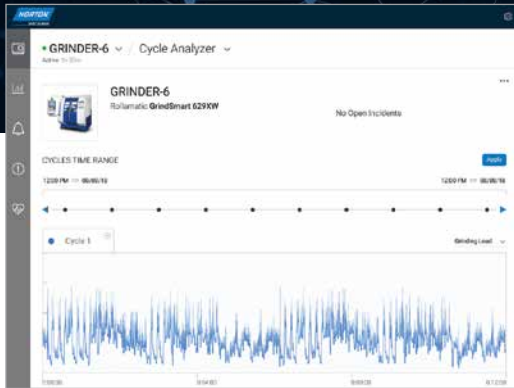
KEY INDUSTRIES
ALL PRECISION ENGINEERING MARKETS

www.nortonabrasives.com



The Norton 4Sight system allows you to
MOVE YOUR GRINDING OPERATION TO THE NEXT STEP.

Connect Machine → Get Data → Intelligent Analytics → Visualize



FEATURES & BENEFITS

- Intuitive user interface for real-time visualization of key process data
- Historical data collection and storage to evaluate trends
- Flexibility to create, store, and export records of all collected data for off-line analysis
- Custom configuration of email or text notifications
- Private and secure access easily granted to selected users for remote troubleshooting and optimization
- Simple machine integration and easy activation by Norton 4Sight technicians

Simple Machine Integration

The Norton 4Sight system easily integrates with any machine via MTConnect, OPC, Fanuc Focas and hundreds of PLCs. Older machines may need an inexpensive PLC that our team can easily install onsite. No need to install on your internal IT infrastructure with included cellular support.

How Does The Norton 4Sight System Contribute To?

THE GRINDING PROCESS

An Extensive Set Of Data Collected	In Order To
• Spindle power load	• Troubleshoot problems
• Grinding parameters	• Optimize grinding process
• Real-time and historical performance	• Develop and compare grinding cycles
	• Evaluate and compare grinding media

THE OPERATIONAL EFFICIENCY

An Extensive Set Of Data Collected	In Order To
• Machine utilization	• Establish operational targets
• Controller data	• Build custom operational dashboards and KPIs
• All operator and input/event logs	• Alert when process is not on schedule
• Real-time and historical performance	• Remotely access reports through tablet, cellphone and computer

The PGS focus is to bring Industrial IoT to the factory floor. We offer user friendly and simple-to-integrate software for our customers who want to embrace data-driven grinding and convert towards Industry 4.0.



CONTACT US TODAY FOR MORE INFORMATION!

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FORM #8747

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