



Efficiency Analyzer 1.5 from GE Digital

Monitor, measure, and improve your manufacturing performance in the cloud

How can manufacturers drive Operational Excellence and do more with less?

[Efficiency Analyzer from GE Digital](#) transforms real-time machine data into actionable production efficiency metrics, leveraging a digital thread, so that plant managers can reduce unplanned downtime, maximize yield, and increase equipment utilization.

Part of GE Digital's Brilliant Manufacturing suite, this module is a prescribed cloud-hosted offering that helps you continuously monitor, measure, and improve your manufacturing performance. Tested and refined in GE's own manufacturing facilities, Efficiency Analyzer is an intuitive tool with best-of-breed OEE management capabilities hosted in the cloud.

Outcomes

- Gain simple visibility into your production process
- Drive continuous efficiency improvements by leveraging real-time data management
- Reduce equipment downtime and maintenance costs
- Increase labor efficiencies and productivity by improving visibility into operations and empowering operators
- Increase productivity of processes by identifying bottlenecks and increase yield
- Increase quality and reduce scrap

01 Increase machine efficiencies

To optimize the productivity of your existing equipment, Efficiency Analyzer not only captures machine downtime reasons, but also productivity data. With this information, management can better judge the proper allocation of resources based on equipment productivity and identify additional capacity.

02 Reduce quality costs

By tracking context-rich quality data using Efficiency Analyzer, production managers can identify root causes and eliminate further costs associated with rework and scrap. Improving the focus on quality at every stage of production also reduces warranty costs.

03 Increase personnel productivity

Efficiency Analyzer enables the shop floor to go paperless. Typically, facility operators and supervisors spend an enormous amount of clerical time collecting, recording, analyzing and reporting downtime reasons and root causes on paper, then further explaining these reports to management. Efficiency Analyzer captures and visualizes downtime and efficiency automatically, allowing personnel to focus on more valuable tasks.

04 Increase yield

The net effect of reduced machine downtime, higher productivity of operators and reduced defects is the ability to achieve higher production yield with the same amount of resources.



A clean and intuitive user interface helps drive user adoption.

The power of 1%

Reducing downtime by just 1% on critical equipment for a typical manufacturer can provide significant revenue opportunities and annual cost savings.





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Features

- Available in the cloud or on-premises
- Powered by Predix, the first and only cloud-based platform built exclusively for industrial data and analytics
- Leverages the Field Agent for secure connectivity from edge to cloud
- Software, hardware and services in a complete one-stop-shop offer
- Leverage critical key performance indicators to drive continuous improvements
- Deliver visual dashboards for real-time decision-making
- Summarize and analyze data by context (e.g., equipment, product time (hours and days))
- Associate downtime events with reasons and then analyze to identify root causes
- Scale solution for Operational Excellence across all of your factories

Hardware requirements

- iPad Air - Wi-Fi - 16 GB or higher
- PC/Laptop 1.8GHz, 4GB RAM, 500GB HDD, Wi-Fi
- GE Digital's Field Agent with Cloud connection

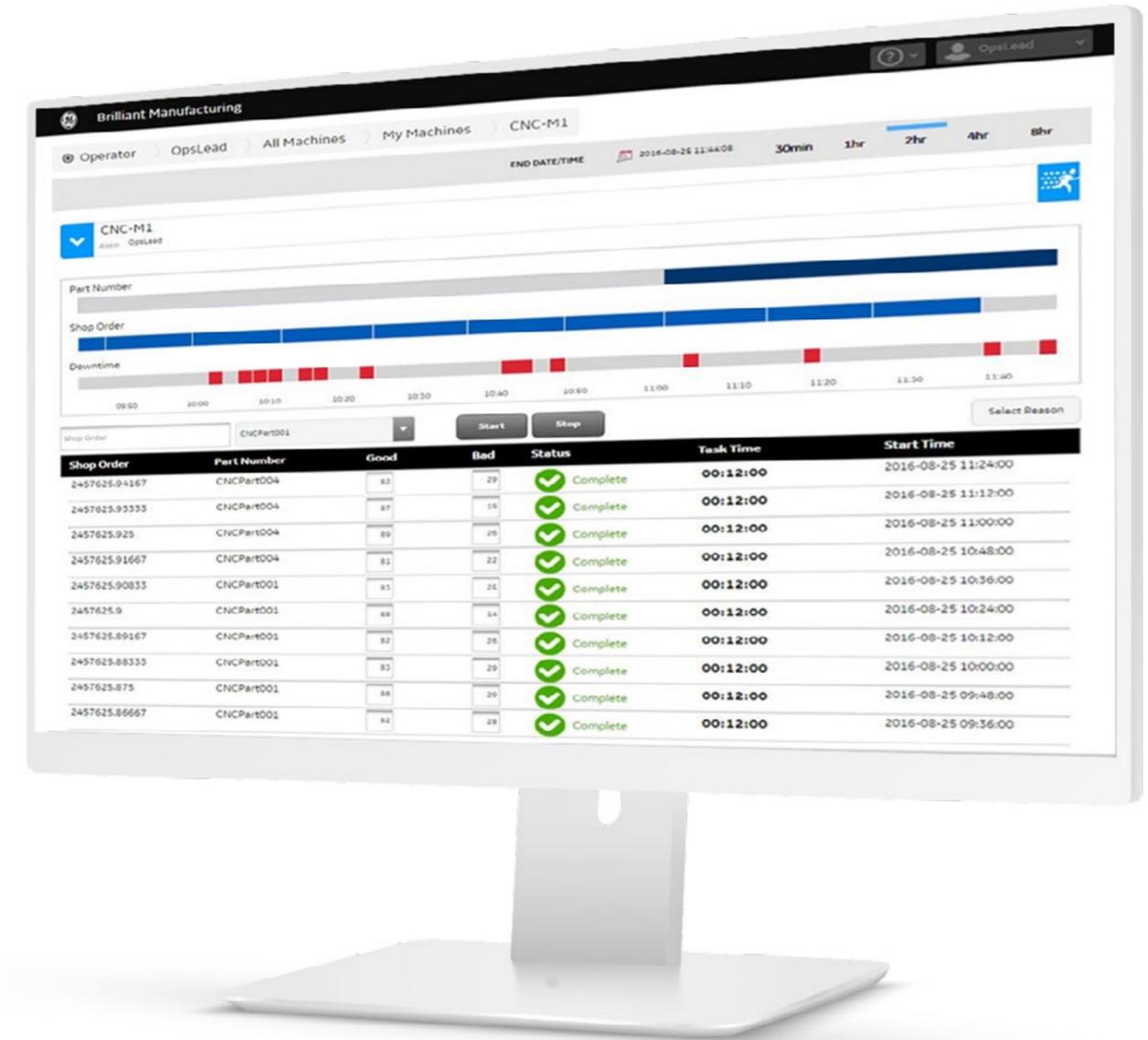
Software requirements

- Mozilla Firefox, most stable recent version
- Google Chrome, most stable recent version
- Apple Safari version 8.x and 9.x on Mac OS X

Hardware and software requirements are representative and may vary by customer deployment. Please consult the product documentation for more details.

Find out how Efficiency Analyzer can help reduce equipment downtime and improve your manufacturing performance.

LEARN MORE



Complex manufacturing operations are displayed as and when needed in the right context to the right person at the right time.



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Services

In the world of Industrial Internet of Things (IIoT), organizations are able to optimize productivity, reduce costs, and achieve Operational Excellence. While this is an exciting time for opportunity and growth, it can also bring on new challenges, questions, and uncertainty. No matter where you are on your IIoT journey, GE Digital has the right services offering for you.

[Advisory Services](#) We can help you plan and start your IIoT journey in a way that aligns to your specific business outcomes.

[Managed Services](#) We can help you maintain your critical machines from one of our remote locations around the world using model-based predictive-analytic technology.

[Implementation Services](#) Our team will help develop a collaborative, multi-generational plan that will marry your existing investments to the right process enhancements and technology.

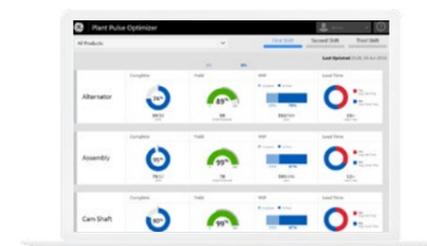
[Education Services](#) We specialize in education services to ensure that you're leveraging our solutions to the fullest extent with our training and certificate programs.

[GlobalCare Support Services](#) Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

[Wurldtech Security Services](#) Our solutions provide industrial-grade security for a wide range of OT network and application topologies.

Related products

GE Digital's [Brilliant Manufacturing](#) suite helps digitize your manufacturing plant or factory with insights that optimize your processes.



[Plant Pulse Optimizer](#) →

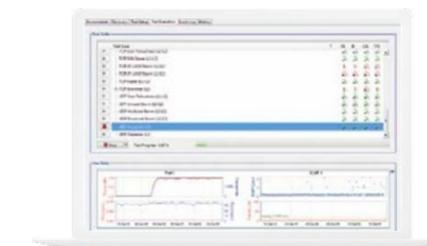
Provide broader visibility with a panoramic view of all production activity for all factory personnel via real-time, multi-shift-based KPIs.

[Predix](#) →

Innovate and transform your business with the cloud-based operating system for the Industrial Internet, purpose-built for industry.

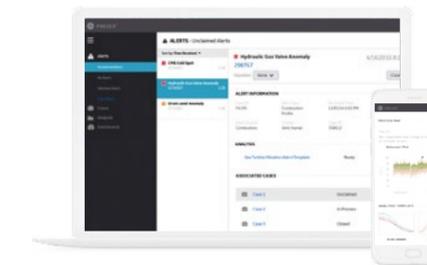
Continue your IIoT journey

Transforming your business requires innovative foundational solutions that lay the groundwork for optimized performance.



[Cyber Security for OT](#) →

Take the right actions to increase resilience, help ensure safety, and maintain availability across your operational technology (OT) environment.



[Asset Performance Management](#) →

Move from reactive to proactive maintenance to reduce unplanned downtime, minimize maintenance costs, improve efficiency, and extend asset life.

PREDIX

About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.

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