



Production Manager 8.0 Software from GE Digital

Stay competitive with reduced WIP, tighter control on quality, and a streamlined supply chain

Digitization to optimize your manufacturing performance

[Production Manager from GE Digital](#) is a powerful manufacturing execution system (MES) solution that enables you to anticipate, collaborate, and orchestrate responses to dynamic operational and market conditions with greater agility and precision.

Built for complex discrete manufacturing environments and MRO facilities, it takes your manufacturing execution to the next level through complete digitization of paper-based processes—creating a digital thread throughout your manufacturing processes and helping you stay competitive.

Outcomes

- Produce products faster with digitized standard operating procedures
- Reduce work in process (WIP) inventory through better WIP visibility and management
- Achieve tighter control on quality by digitally capturing quality data and ensuring the product is within specification
- Streamline the supply chain by managing outsourced operations and capturing supplier quality data
- Reduce warranty costs by ensuring product is manufactured correctly and having comprehensive “as manufactured” product records

01 Achieve speed, efficiency, and consistency

Digitizing work processes, our software enables the manufacturing workforce—including operators, production supervisors, manufacturing engineers, and quality engineers—to produce products faster, more efficiently, and consistently.

02 Drive optimal quality

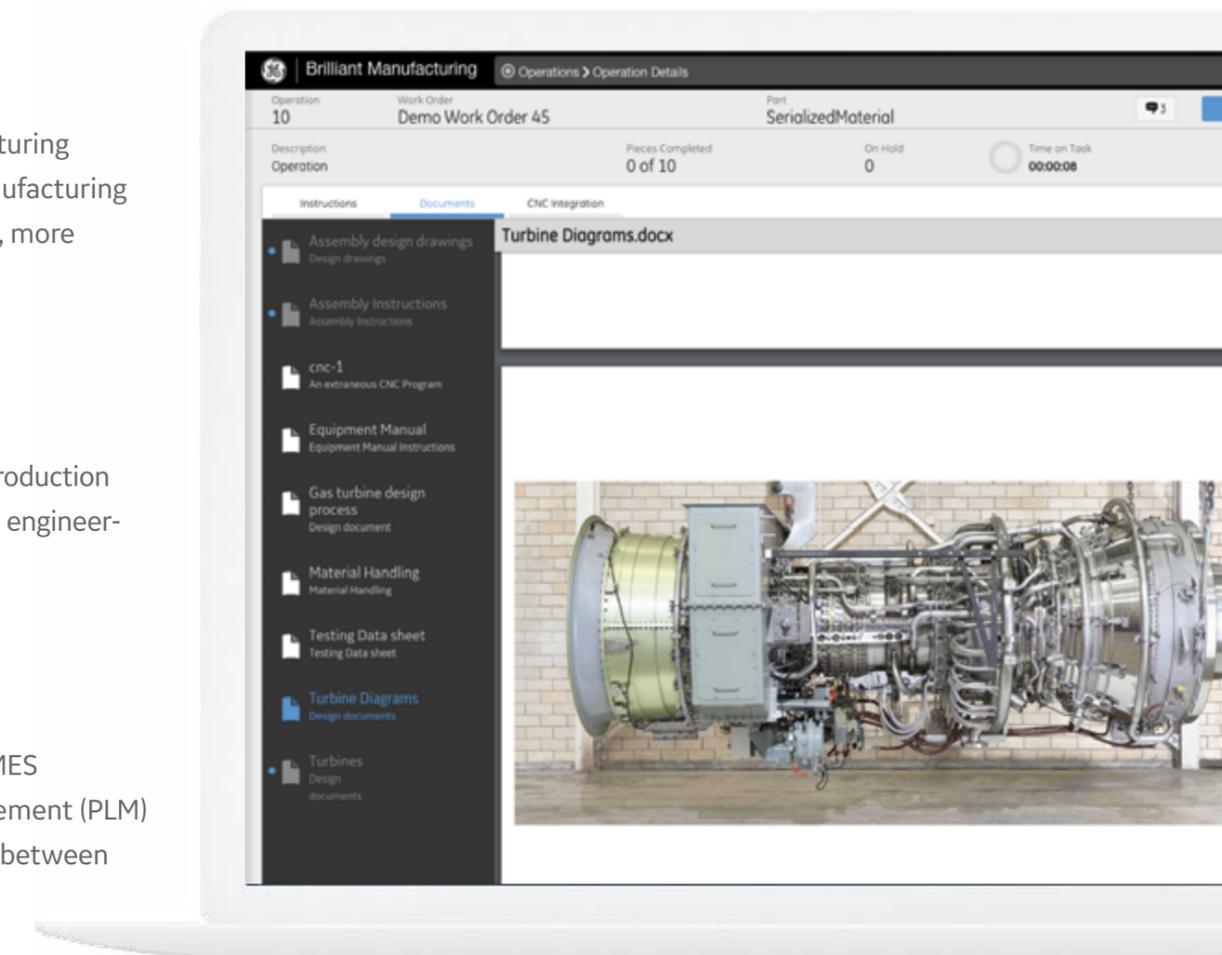
Gain critical production insights from across your enterprise. Production Manager provides you with a powerful advantage in high-value engineer-to-order and build-to-order manufacturing.

03 Accelerate design to production

Drive higher productivity with the integration of GE Digital's MES solutions and PTC's engineering and product lifecycle management (PLM) technology. The GE-PTC partnership helps you close the loop between product design and production execution.

04 Gain manufacturing flexibility

Anticipate, collaborate, and orchestrate responses to dynamic operational conditions with greater agility and precision. Production Manager fully digitizes your processes, providing real-time connectivity, operational visibility, and standardization.



Improve right-first-time quality with appropriate operator instructions.

“GE Digital has a strong understanding of manufacturing processes and the requirements of delivering enterprise-class software platforms, as the company uses its own offerings for many of its internal manufacturing operations.”

Mark Davidson, LNS Research





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Features

- Detailed order scheduling, product management, order execution, route management, dispatch, labor tracker, WIP management, manufacturing instructions, and documentation management.
- Provides genealogy and traceability, quality data capture, qualification and certification management, and approval process.
- Standards-based (ISA 95) unified manufacturing database
- Service oriented architecture (SOA) for easier enterprise connectivity
- Common visualization and reporting
- Business plant floor connectivity through B2MML
- Robust workflow engine to define and execute processes

Hardware requirements

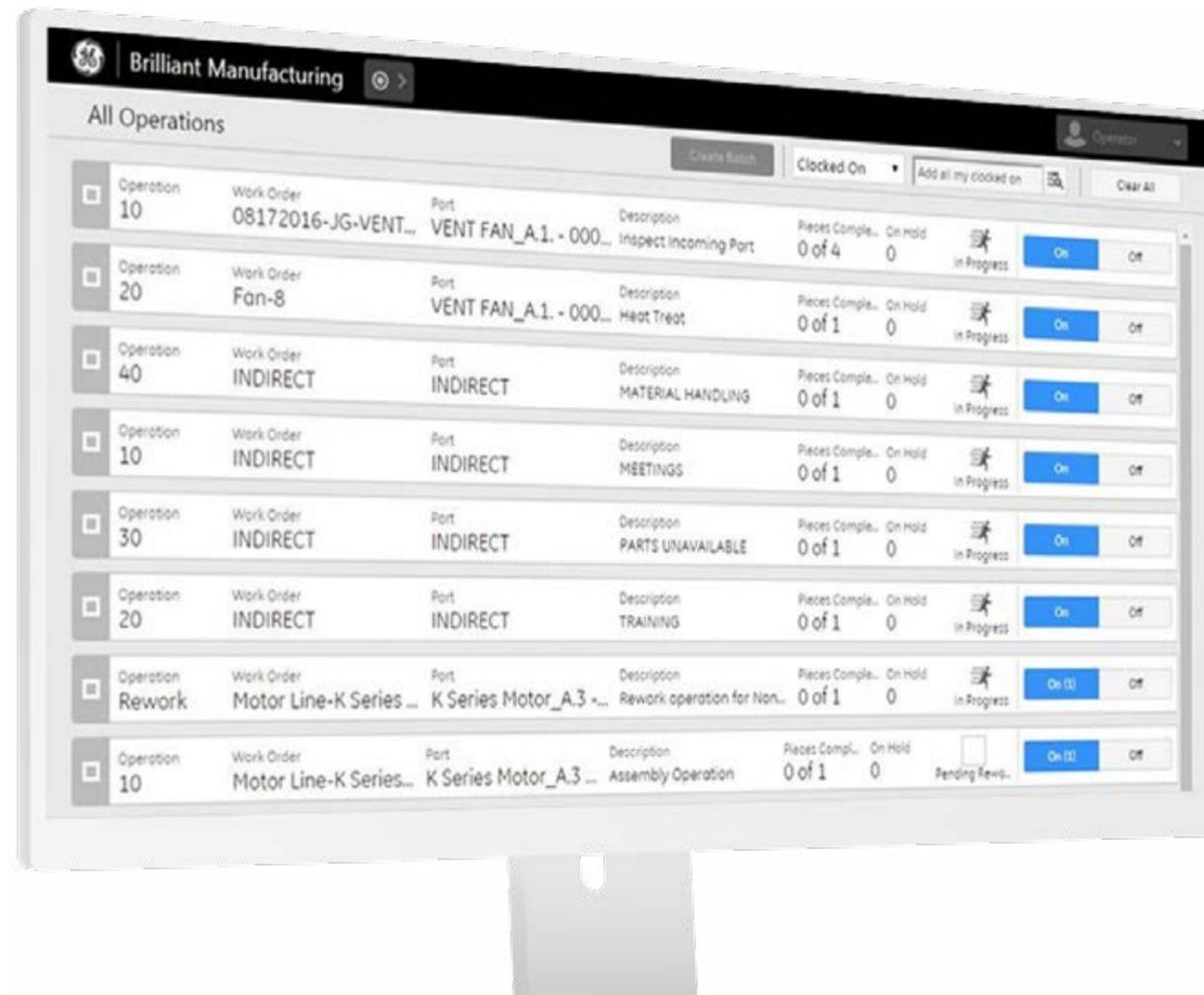
Cluster system is required for cluster setup:

- 4-socket 8 Core 32 GB RAM
- Windows Server x64 OS
- 200 GB free hard disk space
- TCP/IP network connection
- SVGA/XGA monitor and 24-bit graphics card

Software requirements

- Microsoft Windows Server 2012 R2 (64-bit)
- Microsoft SQL Server 2012 Enterprise (32- or 64-bit)
- Microsoft .NET Framework 4.5 (Full Framework)
- Microsoft Excel 2007 or 2010
- Microsoft Internet Explorer 7 or higher
- Microsoft Internet Information Services (IIS) 7 or higher
- Microsoft Silverlight Runtime 5.0 and the Silverlight SDK 5.0

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



Discover how Production Manager can help optimize your manufacturing performance.

LEARN MORE

Optimize production workflow with the right information for 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.

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, multigenerational 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.

Acceleration Plan Services Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

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 Applications →

Maximize overall equipment effectiveness (OEE), improve production scheduling, and ensure product quality by leveraging real-time production data.



Tracker →

Accelerate time-to-market and improve just-in-sequence performance at global scale in automotive manufacturing.

PREDIX

Predix →

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



CIMPPLICITY →

Drive real-time visibility for smart operators with true client-server-based visualization and control.

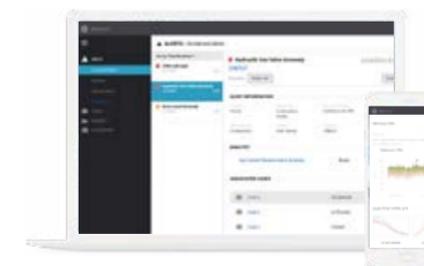
Continue your IIoT journey

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.

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.

Contact

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