Dream Report from GE Digital

Powerful reporting and dashboards to help improve performance and meet operational goals

The reports and dashboards you need – anywhere, anytime

Built on modern technologies by Ocean Data Systems, Dream Report from GE Digital is a real-time report and dashboard generator with an easy, configurable user interface. Dream Report offers direct connectivity to GE Digital's software, so you can leverage your automation data to generate the reports and dashboards you need to make the best operational decisions.

This powerful reporting software accesses open and proprietary archives and databases to generate professional reports by schedule, on event, or manually—then publishes and distributes the reports. The solution delivers Web-based reports and dashboard management over the Intranet or Internet via an integrated Web portal, enabling you to access generated reports, create new reports, and build Web-based interactive dynamic dashboards in minutes.

Outcomes

- Make better, faster decisions with automated reports and dashboards for real-time operational intelligence—anywhere, anytime
- Improve performance, efficiency, and maintenance reporting to support your business goals
- Generate reports on a schedule, by event, or manually
- Create richer reports and dashboards more easily and cost effectively— without programming or IT skills
- Gain valuable insights with drill-down reporting functionality and data analysis
- Enable faster compliance reporting with flexible report generation and distribution

01 Easy, fast reports and dashboards

An intuitive and easy interface enables fast project development and project maintenance with low engineering costs. You can develop reports and dashboards without a single line of code. A secure-by-design Web portal enables access at any place and any time.

02 Powerful report and dashboard management tools

With built-in user management, you can define who has access to what by individual or by groups, and integrate with Windows user management. Dream Report also offers version management, audit trail, and electronic signature for demanding applications such as 21 CFR Part 11. It supports standardized report templates. Interactive and dynamic Web forms allow users to create Web-based, dynamic, and interactive reporting applications. Dream Report also delivers drill-down reporting functionality with user-managed navigation.

03 Data extraction & analysis, report design

Dream Report provides a user-friendly object library that can query data, perform statistics, and format results, delivering the information you need quickly and easily. It can display data in multiple formats, such as tables, bars, pies, and charts, so you can tailor the view. Dream Report also has an intuitive graphical editor, and you can create and save best-in-class reports as templates.

04 Report and dashboard generation and distribution

With Dream Report, you can generate reports manually and automatically. In automatic mode, it can execute on event and on schedule, as needed. Furthermore, you can automatically print, email, store, and publish reports through an HTML5 browser-based user portal. Access your data from anywhere at any time.

Dream Report provides Web-based report and dashboard management, enabling you to quickly and easily access information, even on the go.

05 Reports and dashboards at your fingertips

- Alarm reports
- An excellent solution for ISA 18.2
- Audit trail reports
- Batch reports
- Compliance reports
- Efficiency reports
- Energy audits
- Electronic flow measurement
- Federal regulatory reports
- Laboratory information systems
- Manufacturing Execution Systems (MES) reports
- Production reports
- Quality reports
- And more

"Dream Report makes reporting very easy. All capabilities are out of the box, and it gets the job done."

Mark Weston, Computer Engineer, Carollo

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Features

- **New in Version 5.0:** New dashboard engine that is an addition to the "Web Report" capability, toolkit to create Custom Report Objects that can be used in reports and Web reports, built-in OPC DA server to enable access to any Dream Report statistics, MQTT and JSON driver for IOT connectivity, XML output report format for generating reports that can be uploaded to other solutions (e.g. eDMR), cost calculator to define labor or billing cost schedules and apply in reports, and electronic signature in Web portal

- Leading, real-time report and dashboard generator – designed for industrial applications

- Configurable, multi-language end user interface

- Directly connect to software: iFIX, CIMPLICITY, Proficy Historian, and SmartSignal from GE Digital. Additional drivers are available for other industry products – over 100 interfaces available

- Web portal for viewing and interacting with reports

- Secure-by-design technology, encrypted and protected

- Easily export data to Microsoft Excel

- Superior industry standards support: MQTT, JSON, OPC DA, OPC AE, OPC HDA, ODBC, OLE-DB, Modbus, SNMP, BACnet, and more

Hardware Requirements V. 5.0

- CPU: Dual Core 2.4 GHz+
- RAM: 8 Gb+
- HDD: 2GB (for installation) minimum, 7,200 rpm or higher (or SSD)
- Video adapter: Minimum memory 128 Mb

Software Requirements V. 5.0

OS support includes:

- Windows 10, 10 for IoT, 8.1, 8, 7
- Windows Server 2019, 2016, 2012 (incl R2), 2008 R2

Database support includes:

- MS SQL Server 2017, 2016, 2014, 2012, 2008, 2005 – Express, Standard and Enterprise (using ODBC SQL Native Client 11)
- MS Access 2000, 2003, 2007, 2010, 2013, 2016
- MySQL 4.x and 5.x versions over ODBC driver 3.51, 5.1
- Oracle 11, 12 over Oracle XE ODBC driver

Web browsers: Internet Explorer 11, Edge, Chrome. Browsers must support HTML5.

Mobile operating systems: Android, iOS (both iPad and iPhone) and Windows Phone 8.1 and 10.

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

Find out how Dream Report can help you improve performance and meet your operational goals with powerful reporting and dashboard capabilities.

LEARN MORE

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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 experienced global Automation partners can implement a collaborative, multi-generational program that marries your existing investments to the right 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 Plans Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

Cyber Security Services Our solutions provide industrial-grade security for a wide range of OT network and application topologies.
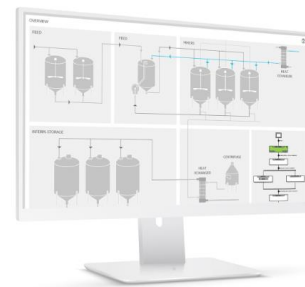
Related Products

GE Digital's Proficy suite helps you precisely monitor, control, and visualize every aspect of your operations, enabling operators to make the best decisions faster.

Proficy Historian
Optimize asset and plant performance through time-series industrial data collection and aggregation.

Proficy Batch Execution
With Batch Execution, gain the security, flexibility, and ease of use you need to reduce costs, increase quality, and boost profitability.

Proficy Operations Hub
A centralized environment for aggregating and visualizing contextual and situational information for industrial applications – supporting rapid application development and rich displays for faster operational response and better decision making.

Continue your digital transformation journey

Transforming your business requires foundational innovations that lay the groundwork for future success. It requires connecting assets and processes securely to drive operational efficiencies, reduce unplanned downtime and improve performance.
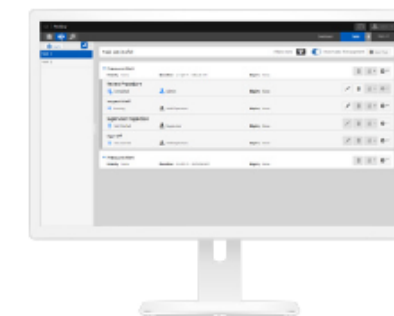
Predix
Innovate and transform your business with the cloud-based operating system for the Industrial Internet, purpose-built for industry.

PREDIX

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

Proficy Workflow
Guide operators with dynamic, interactive electronic work instructions and eSOPs for more consistent operations and optimized processes.

Contact

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