

PRESS RELEASE

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Yokogawa Launches VigilantPlant Asset Excellence Initiative

Tokyo, Japan - Yokogawa Electric Corporation and its group companies announce the launch of a **VigilantPlant™** Asset Excellence Initiative that aims to apply the Yokogawa VigilantPlant vision to plant asset management in order to achieve operational excellence and create an environment where plant personnel can “See Clearly, Know in Advance, and Act with Agility.” Through this initiative, Yokogawa is introducing a suite of new solutions that work together to help customers achieve plant-wide collaboration for maximum asset availability and utilization. In so doing, Yokogawa is helping sustain the profitable business growth of the process industries.

The Asset Excellence Initiative

The basis for this initiative is the **VigilantPlant Operational Excellence Model**, which is comprised of three key initiatives that aim to achieve production excellence by driving forward operational agility and adaptability; bring asset excellence by ensuring asset availability and utilization; and foster safety excellence through the protection of health, safety, and the environment (HSE). The common centerpiece of this model, lifecycle excellence, seeks to improve and sustain these three initiatives for long-term business success.

The Yokogawa approach to asset excellence combines four success factors that are essential for customers to get the most out of their plant assets over the long term: **Asset Reliability, Asset Availability, Asset Predictability, and Asset Performance**. Through the VigilantPlant **Asset Excellence** Initiative, Yokogawa is delivering innovative solutions to its customers that helps them secure these key success factors.

Asset Reliability - setting the foundation

The first key success factor, **Asset Reliability**, is an often overlooked yet fundamental prerequisite for non-stop production. Customers that put Asset Reliability firmly in place can sustain the daily use of their plant assets for safe and agile production.

The Yokogawa **CENTUM CS 3000 R3** control system secures Asset Reliability for mission critical applications by using reliable technology such as Pair & Spare CPUs and the Vnet/IP open and secure control network to maintain an unmatched 99.99999% (seven 9's) availability track record. All Yokogawa field devices such as the **DPharp EJA** and **EJX** digital pressure transmitters provide the system with stable and accurate process measurement under the severest of conditions.

In a plant instrumented with the Yokogawa control system and field devices, operators can focus on true process concerns, trusting in the reliability of key automation assets.

Asset Availability - enhancing maintainability

The second key success factor, **Asset Availability**, is achieved by securing maintainability in addition to the inherent reliability of Yokogawa products and systems. Customers can enhance Asset Availability through quick engineering and efficient maintenance of their field assets.

The **Yokogawa FieldMate™** Versatile Device Management Wizard is a new Field Device Tool (FDT) compliant PC-based integrated software tool that handles parameter setting for intelligent field devices, regardless of their make or field communication protocol. FieldMate speeds up device configuration and problem solving, and automatically stores a work log for a traceable field maintenance database that consolidates the maintenance work flow and facilitates the sharing of maintenance know-how.

With its versatility and integrated features, this new Yokogawa PC-based field maintenance solution is a tool that field technicians can count on to save time and reduce the complexity of their engineering and maintenance tasks.

Asset Predictability - adding foresight

The third factor, **Asset Predictability**, relies on recent advances in online monitoring and predictive diagnosis technologies. Customers that are early adopters of emerging Asset Predictability solutions report both quick returns and ongoing advantages in optimizing maintenance and maximizing plant uptime.

Yokogawa's **PRM™** Plant Resource Manager is an integrated asset management solution that enables centralized online monitoring of automation assets. An upcoming new version, **PRM R3**, will take a step forward with its capability to create and integrate innovative diagnostics applications. Its new PRM Advanced Diagnostics Application (PAA) environment will facilitate diagnostics application development at the control loop and process

unit levels, going beyond device health and device/process interface diagnostics. Furthermore, PRM R3 will support the FDT open standard, integrating diagnostics applications designed by the best-in-class fellow field device suppliers in the FDT Group.

In a plant where assets are centrally monitored by Yokogawa's integrated asset management solution, maintenance personnel can easily diagnose asset conditions, ensuring asset availability while optimizing maintenance.

Asset Performance - ensuring sustainability

The fourth and final factor, **Asset Performance**, is an ongoing achievement. It is more of a journey than a destination, demanding continuous performance improvement over the life cycle of a plant.

Yokogawa's **InsightSuite™AE** Asset Excellence Services is a suite of consultancy, diagnosis, and optimization services delivered over the plant life cycle to maximize Asset Performance.

When customers have established a long-term relationship with Yokogawa, their plant managers can tap our wealth of diagnosis know-how and use our performance improvement solutions to ensure continuous improvement and Asset Excellence over the plant life cycle.

Open and Best-in-Class Collaboration

Beyond the Yokogawa in-house solutions for the four key success factors, the VigilantPlant Asset Excellence initiative encompasses open and best-in-class collaboration with leading automation and enterprise solution suppliers.

The new Vigilant Integration Partners (VIP) Initiative is an open, non-exclusive, standard and inter-operability driven partnership that enables Yokogawa customers to leverage best-in-class solutions for plant-wide Asset Excellence.

About Yokogawa

Yokogawa's global network of 18 manufacturing facilities, 83 companies, and over 650 sales and engineering offices spans 28 countries. Since its founding in 1915, the US\$4 billion company has been engaged in cutting-edge research and innovation, securing more than 7,000 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa. For more information about Yokogawa, please visit our web site at www.yokogawa.com

About Yokogawa Corporation of America

Yokogawa Corporation of America is the North American unit of \$4 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

For more information about Yokogawa Corporation of America, visit www.yokogawa.com/us/, call 770-254-0400, or toll-free at 800-258-2552, or e-mail info@us.yokogawa.com.