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PRESS RELEASE

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Yokogawa Corporation of America Announces TÜV Rheinland Certification for Functional Safety Management

Yokogawa Corporation of America is pleased to announce that it has received TÜV Rheinland certification for Functional Safety Management (FSM) IEC 61511-1:2003 SIS Integration Phase 4 (Design and Engineering), FSM 159.

The scope of certification covers integration of Safety Instrumented Systems (SIS) Logic Solver in the process industry up to and including Safety Integrity Level 3 (SIL3). The scope of activities includes SIS design, configuration, application programming, assembly and test, as well as safety loop calculations. This FSM certification uses IEC 61511 as the basic standard as well as relevant clauses of the IEC 61508:2010 standard.

When consumers or manufacturers see a TÜV Rheinland certification mark, they can be assured that they are buying a safe product that has been investigated to stringent safety requirements by an accredited third party and is supported by regular surveillance audits and factory inspections.

"This is an exciting achievement for Yokogawa and our customers," said Sriram Srinivasan, Director of Engineering, Yokogawa Corporation of America. "The TUV Rheinland certification

provides customers assurance that the FSM system we deliver is fully compliant with standards. We are now certified on the three critical Ps in delivering FSM systems – People, Process, and Products.”

The systematic capability of the Yokogawa process is certified to SIL3. These systematic capabilities and procedures ensure that the potential for systematic errors are minimized in the projects executed for customers. “Our SIS engineers, ProSafe SIS logic solver and pressure, temperature, flow (Coriolis), oxygen sensor/ transmitters are all SIL 2/3 certified. Our FSM design and engineering process, our people, and our products are all certified by TÜV, so this delivers a solution that is all certified by a single independent auditor and ensures the certification approach for each component is consistent,” said Srinivasan.

Functional safety is a core focus and a core competency at Yokogawa. Yokogawa delivers consistent performance. SIS products and processes are standardized across the globe, and SIS engineers are certified to an equivalent competency level to deliver safety instrumented systems that comply with IEC 61511 and IEC 61508 standards.

Yokogawa’s Functional Safety Management Solution

Yokogawa provides a full end-to-end lifecycle Functional Safety Management solution from analysis, design, implementation, performance monitoring, and verification through services, SIS systems, and enterprise solutions. Please follow the links below to view a copy of Yokogawa’s TÜV FSM certificate and to find more information on Yokogawa’s SIS offerings and FSM enterprise solutions.

- [TÜV Functional Safety Management Certificate SIL3 for IEC61511-1-2003 – SIS Integration \(Phase 4\) FSM 159](#)
- [ProSafe Safety Instrumented Systems product line](#)
- Yokogawa Functional Safety Management Enterprise solutions
 - [Safety Function Monitoring](#)
 - [Override Safety Advisor](#)

About TÜV Rheinland

Founded in 1872, TÜV Rheinland is a global leader in independent testing, inspection, and certification services, ensuring quality, efficiency and safety for people, the environment and technology in nearly all aspects of life. The company maintains presence in 69 countries, employs 19,300 people and has an annual revenue of more than \$1.9 billion (€1.7 billion). TÜV Rheinland inspects technical equipment, products and services, oversees projects and helps to shape processes for a wide variety of companies through its worldwide network of approved labs, testing facilities and education centers. Since 2006, the company has been a member of the United Nations Global Compact to promote sustainability and combat corruption. For more information, visit www.tuv.com/us.

About Yokogawa Corporation of America

Yokogawa Corporation of America (<http://yokogawa.com/us>) is a leading provider of Industrial Automation and Test and Measurement solutions. Combining superior technology with engineering, system integration, project management, and maintenance services, Yokogawa delivers field-proven operational efficiency, safety, and reliability. Yokogawa Corporation of America is headquartered in Sugar Land, TX, and is the North American Division of Yokogawa Electric Corporation's global network of 25 manufacturing facilities and 4 regional project engineering centers.

About Yokogawa

Yokogawa's global network of 92 companies spans over a total of 59 countries. Founded in 1915, the US\$3.7 billion company engages in cutting-edge research and innovation. Yokogawa is active in the industrial automation and control (IA), test and measurement, aviation, and other business segments. The IA segment plays a vital role in a wide range of industries including oil, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food. For more information about Yokogawa, please visit our website www.yokogawa.com.