

GE Transportation Unveils EdgeLINC™ Software, Advances Industrial IoT Management Solutions **Tuesday, October 24, 2017 02:30:00 PM (GMT)**

Software enables real-time analytics at the edge that are essential to industrial operations

(NYSE:GE) Today GE Transportation introduced EdgeLINC™ Software, a comprehensive solution for IIoT edge-to-cloud connectivity with efficient device management, configuration and streaming analytics capabilities.

Industrial assets generate valuable information at the edge – or on a machine or device – where embedded sensors collect vast amounts of data. When operating heavy machinery in variable environments, the ability to compute, manage, analyze and act upon that data is essential for companies to benefit from the Industrial Internet. In the rail industry, assets are mobile and constantly moving in and out of communication, making it even harder to derive value from data that lives on the edge.

“When it comes to transportation and other heavy industrial settings, seconds matter. Operators require the ability to take action on their physical assets immediately, either automatically with a train adjusting itself or by human intervention,” said Laurie Tolson, Chief Digital Officer, GE Transportation. “Edge-level computing and analytics are about giving people actionable information to better manage how the physical world operates in real-time to improve industrial performance.”

EdgeLINC enables complete user control over configuration, telemetry, alerts and leverages SAS’s Event Stream Processing (ESP) engine integrated with Predix Machine, Predix Edge Manager and Asset Performance Management (APM) solutions. EdgeLINC is capable of running on GE Transportation’s GoLINC platform as well as third party devices, and supports on-premises, cloud and hybrid cloud deployment and integration.

“The combination of EdgeLINC’s extensible architecture and easy deployment on any edge device, any time, is further strengthened by the contributions of GE’s ecosystem partners” explained Tolson. “SAS ESP drives EdgeLINC’s rules-based, highly configurable analytics at the edge and Infosys brings an enterprise scale capability for integration services. Together, we can increase speed to value and success of delivery for our customers – not only those in the rail industry, but in other industrial verticals as well.”

“An edge-first approach is increasingly important as we migrate to a digital world. The combination of GE’s EdgeLINC and SAS® Event Streaming Processing enables enterprises to gain real-time insights and drive improved outcomes by harnessing the power of streaming edge analytics running on board connected locomotives,” said Jason Mann, Vice President of IoT, SAS. “EdgeLINC moves away from static management techniques, with flexible rules processing for continuous updating and adapting on the fly.”

“As a strategic partner of GE focused on developing IoT solutions, we are excited about GE’s EdgeLINC solution,” said Ravi Kumar S., President and Deputy Chief Operating Officer, Infosys. “The solution streamlines the collection of edge-level sensor data, enables faster, seamless aggregation and integration into other cloud and enterprise systems, dissolving the layers of complexity for transportation organizations and operators. GE and Infosys are working together on developing and deploying this solution, enabling customers to leap forward into Industrial IoT and improve operational metrics while reducing Total Cost of Ownership.”

EdgeLINC is already being deployed on over 1,000 locomotives by a major Class I railroad in North America, driving productivity from consolidation of management of multiple devices and applications, and operational efficiencies from real-time analytics of train crew performance.

GE Transportation unveiled EdgeLINC at Minds + Machines 2017, GE’s premier industrial Internet event dedicated to software, innovation and digital industrial transformation.

About GE Transportation

At [GE Transportation](#), we are in the business of realizing potential. We are a global technology leader and supplier of equipment, services and solutions to the rail, mining, marine, stationary power and drilling

industries. Our innovations help customers deliver goods and services with greater speed and savings using our advanced manufacturing techniques and connected machines. Our [digital solutions](#), which provide data-driven insights to improve efficiency, leverage [Predix](#) – GE's platform for the Industrial Internet. Established more than a century ago, GE Transportation is a division of the [General Electric Company](#) that began as a pioneer in passenger and freight locomotives. That innovative spirit still drives GE Transportation today and is strengthened by our ability to serve customers more holistically through the [GE Store](#) – a global exchange of knowledge, technology and tools across all GE businesses that ultimately provides better outcomes for customers. GE Transportation is headquartered in Chicago, IL, and employs approximately 10,000 employees worldwide.

About SAS

SAS is the leader in analytics. Through innovative analytics, business intelligence and data management software and services, SAS helps customers at more than 83,000 sites make better decisions faster. Since 1976, SAS has been giving customers around the world THE POWER TO KNOW®.

About Infosys

Infosys is a global leader in technology services and consulting. We enable clients in 45 countries to create and execute strategies for their digital transformation. From engineering to application development, knowledge management and business process management, we help our clients find the right problems to solve, and to solve these effectively. Our team of 198,000+ innovators, across the globe, is differentiated by the imagination, knowledge and experience, across industries and technologies that we bring to every project we undertake. Visit www.infosys.com to see how Infosys (NYSE: INFY) can help your enterprise thrive in the digital age.

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Contact:

GE Transportation
Deia Campanelli
773-297-0482
deia.campanelli@ge.com

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Industries: Technology, Data Management, Networks, Software, Transport, Rail, Logistics/Supply Chain Management

Languages: English

Primary Identifiers: 05M3W5-E, GE-US

Related Identifiers: 05M3W5-E, GE-US

Source: GE Transportation

Subjects: Conference, Product/Service, Trade Show