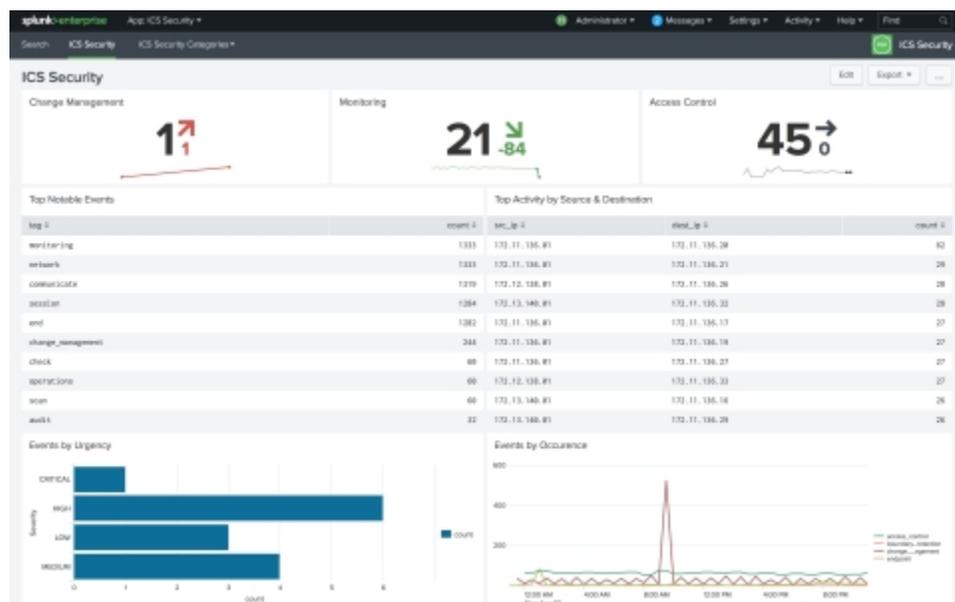## Make IoT Data Actionable with Splunk for Industrial IoT

October 3, 2018

Splunk's First IoT Solution Helps Industrial Organizations Cut Costs and Improve Performance by Expanding Access to the Data that Powers Connected Devices

SAN FRANCISCO & ORLANDO, Fla.--(BUSINESS WIRE)--Oct. 3, 2018-- **.conf18–** Splunk Inc. (NASDAQ: SPLK), delivering actions and outcomes from any data, today announced the general availability of Splunk for Industrial IoT, Splunk's first Internet of Things (IoT) solution. Splunk Industrial IoT combines the power of Splunk® Enterprise, the Splunk Machine Learning Toolkit, and Splunk Industrial Asset Intelligence (IAI) to provide a simple view of complex industrial data, helping industrial organizations minimize downtime, shift operations from reactive to proactive and save money.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20181003005321/en/

Splunk for Industrial IoT helps provide full visibility into OT Operations to detect and prevent threats before they occur. (Graphic: Business Wire)

The rapid, global digitization of business has led organizations in every vertical industry to embrace technologies that answer their most pressing challenges with machine data analytics. Building on Splunk's well-established success in IT and security, Splunk for Industrial IoT gives Operational Technology (OT) teams and organizations in manufacturing, oil and gas, power, transportation, energy and utilities the power to easily monitor, optimize and secure industrial applications, data, and assets.

"Splunk for Industrial IoT is bringing industrial operations into the modern era by helping Operational Technology teams keep factories running, increase production and predict problems – while keeping operations secure," said Ammar Maraqa, senior vice president and general manager of IoT Markets, Splunk. "Industrial organizations have lacked easy-to-use, real-time data analytics that use machine learning to help predict downtime and prioritize alerts across disparate systems so the business can take action."

"Real-time analytics are paramount to the success of any manufacturer. As one of the largest flooring manufacturers in the world, it's critical that our associates have access to data that can improve factory floor performance and drive business success, and Splunk has helped us to do that in a variety of ways," said Erika Swartz, process engineer, Shaw Industries. "We are excited to partner with Splunk into the future and look forward to their continuous innovation in IoT."

Splunk for Industrial IoT gives customers the proven benefits of Splunk Enterprise, such as data analytics and reporting powered by machine learning, combined with new, drag-and-drop capabilities specifically to address common challenges for industrial organizations, such as unplanned downtime, which can cost organizations up to $38M annually[1]. Splunk Industrial IoT also includes:

1. **Security and Compliance for Industrial Control Systems (ICS)** - Powered by Splunk Enterprise, Splunk for Industrial IoT helps secure and safeguard ICS systems from emerging and persistent cyber threats, allowing OT environments to embrace an analytics-driven approach to security.
2. **Advanced Monitoring & Diagnostics** - Industrial Operators are increasingly looking to their sensor and other machine data to better monitor and diagnose operational issues from industrial assets such as turbines, pumps and compressors. Splunk for Industrial IoT gives customers real-time visibility into the health of these assets, providing monitoring, alerting and diagnostics across multiple data sources. Splunk for Industrial IoT also helps monitor the uptime and availability of ICS, SCADA systems, distributed control systems and process control software.
3. **Ready-to-apply Machine Learning models for Industrial IoT** - Equipment downtime can cost organizations tens of millions of dollars per year. Powered by Splunk's Machine Learning Toolkit, Splunk for Industrial IoT gives customers the ability to apply proven algorithms for prediction, anomaly detection, clustering and forecasting to help identify early warning signs and predict downtime of ICS and critical assets.

"Sapura is using Splunk Industrial Asset Intelligence as part of its data-driven approach to subsea operational excellence," said André Merlino, CEO of Sapura Brazil, a Brazilian shipping company and joint venture between two international energy companies, Seadrill and Sapura Energy. "Splunk IAI is a powerful solution used to improve our capability to better leverage data throughout our organization as we strive to strengthen our safety standards, increase operational performance and deliver better solutions to our customers."

"Industrial organizations are challenged daily to reduce costs, increase performance and secure their constantly expanding footprint of 'connected' devices to remain competitive in their industry," said Dr. Ulrich Bock, Director of Data Analytics, ESE, a German industrial engineering firm. "Our partnership with Splunk is critical to the success of these customers, blending our knowledge of operational technology environments with Splunk's powerful ability to make machine data accessible and usable to all. Splunk for Industrial IoT now makes it easy to harness and transform the massively growing volume of machine data into insights and energy to power and accelerate their digital transformation initiatives."

Splunk for Industrial IoT will be generally available on October 30, 2018. For more information on Splunk for Industrial IoT, visit the Splunk website or visit Splunk at leading industrial conference IoT Solutions World Congress, from October 16-18 in Barcelona.

About Splunk Inc.

Splunk Inc. (NASDAQ: SPLK) helps organizations ask questions, get answers, take actions and achieve business outcomes from their data. Organizations use market-leading Splunk solutions with machine learning to monitor, investigate and act on all forms of business, IT, security, and Internet of Things data. Join millions of passionate users and try Splunk for free today.

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[1] *https://www.bhge.com/sites/default/files/2017-12/impact-of-digital-on-unplanned-downtime-study.pdf*

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