© 2019 SPLUNK INC.

Splunk fortifies ABB Ability Industrial Cloud Foundation

Ravi Prattipati
Chief Architect | ABB Inc

splunk> .conf19

© 2019 SPLUNK INC.

Forward-Looking Statements

During the course of this presentation, we may make forward-looking statements regarding future events or plans of the company. We caution you that such statements reflect our current expectations and estimates based on factors currently known to us and that actual events or results may differ materially. The forward-looking statements made in the this presentation are being made as of the time and date of its live presentation. If reviewed after its live presentation, it may not contain current or accurate information. We do not assume any obligation to update any forward-looking statements made herein.

In addition, any information about our roadmap outlines our general product direction and is subject to change at any time without notice. It is for informational purposes only, and shall not be incorporated into any contract or other commitment. Splunk undertakes no obligation either to develop the features or functionalities described or to include any such feature or functionality in a future release.

Splunk, Splunk>, Turn Data Into Doing, The Engine for Machine Data, Splunk Cloud, Splunk Light and SPL are trademarks and registered trademarks of Splunk Inc. in the United States and other countries. All other brand names, product names, or trademarks belong to their respective owners. © 2019 Splunk Inc. All rights reserved.

© 2019 SPLUNK INC.

ABB

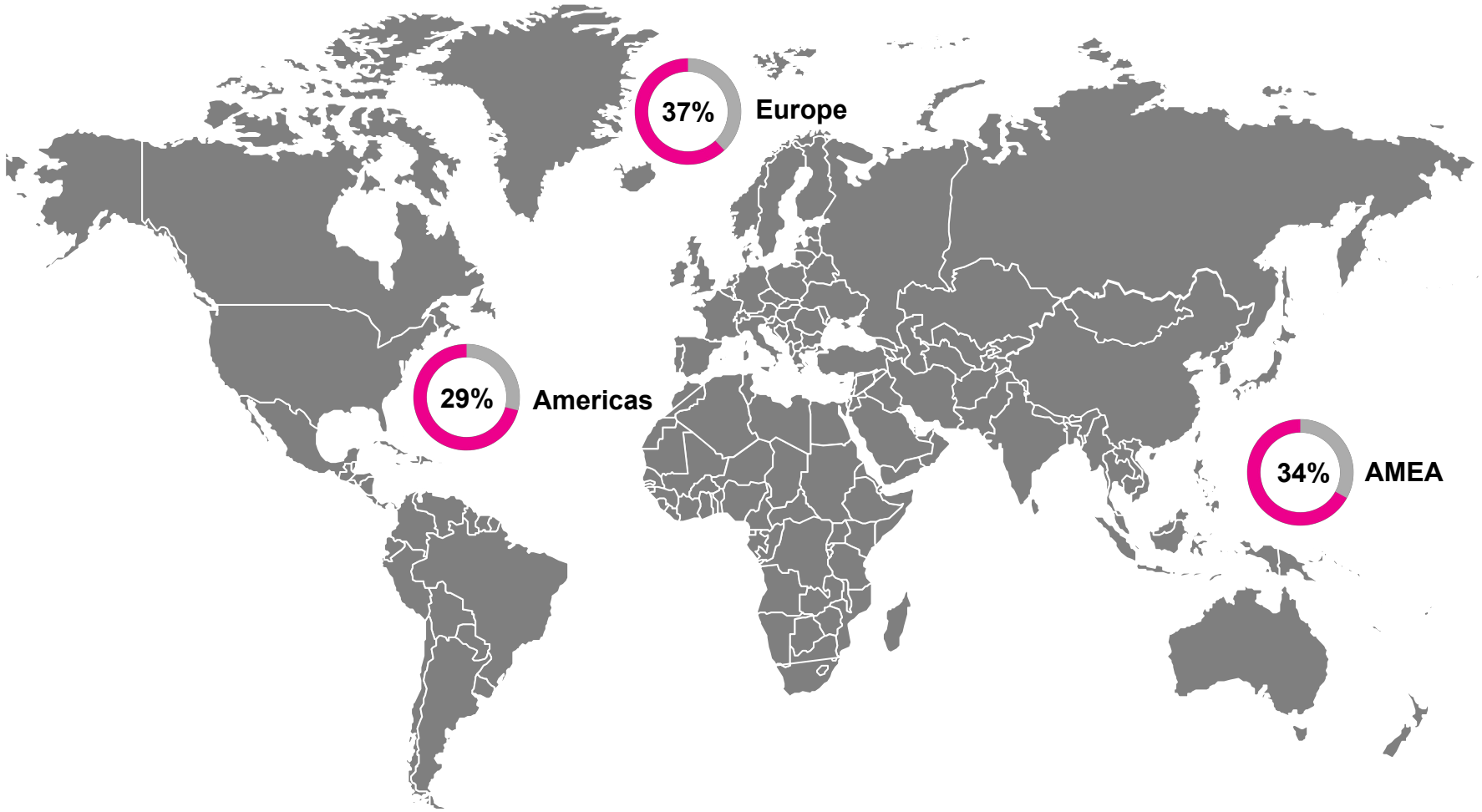
Company profile and ABB Ability™

splunk> .conf19

© 2019 SPLUNK INC.

ABB

Pioneering global technology leader in digital industries



© 2019 SPLUNK INC.

ABB

Businesses

Robotics & Discrete Automation

Industrial Automation

Motion

Electrification

© 2019 SPLUNK INC.

ABB Ability

Connecting customers to power of IIoT

© 2019 SPLUNK INC.

Manufacturing

ABB Ability™

splunk> .conf19

© 2019 SPLUNK INC.

Utilities

splunk> .conf19

© 2019 SPLUNK INC.

Sustainable Transportation

ABB Ability

© 2019 SPLUNK INC.

Smart Buildings

ABB Ability

splunk> .conf19

© 2019 SPLUNK INC.

ABB Ability

Connecting customers to power of IIoT

Cloud Platform

Edge Gateway

Digitally connected devices, equipment, systems and solutions

- Cyber Security
- Connectivity
- Storage – Timeseries, files etc
- Multitenancy
- API
- Analytics
- Calculation Engine

© 2019 SPLUNK INC.

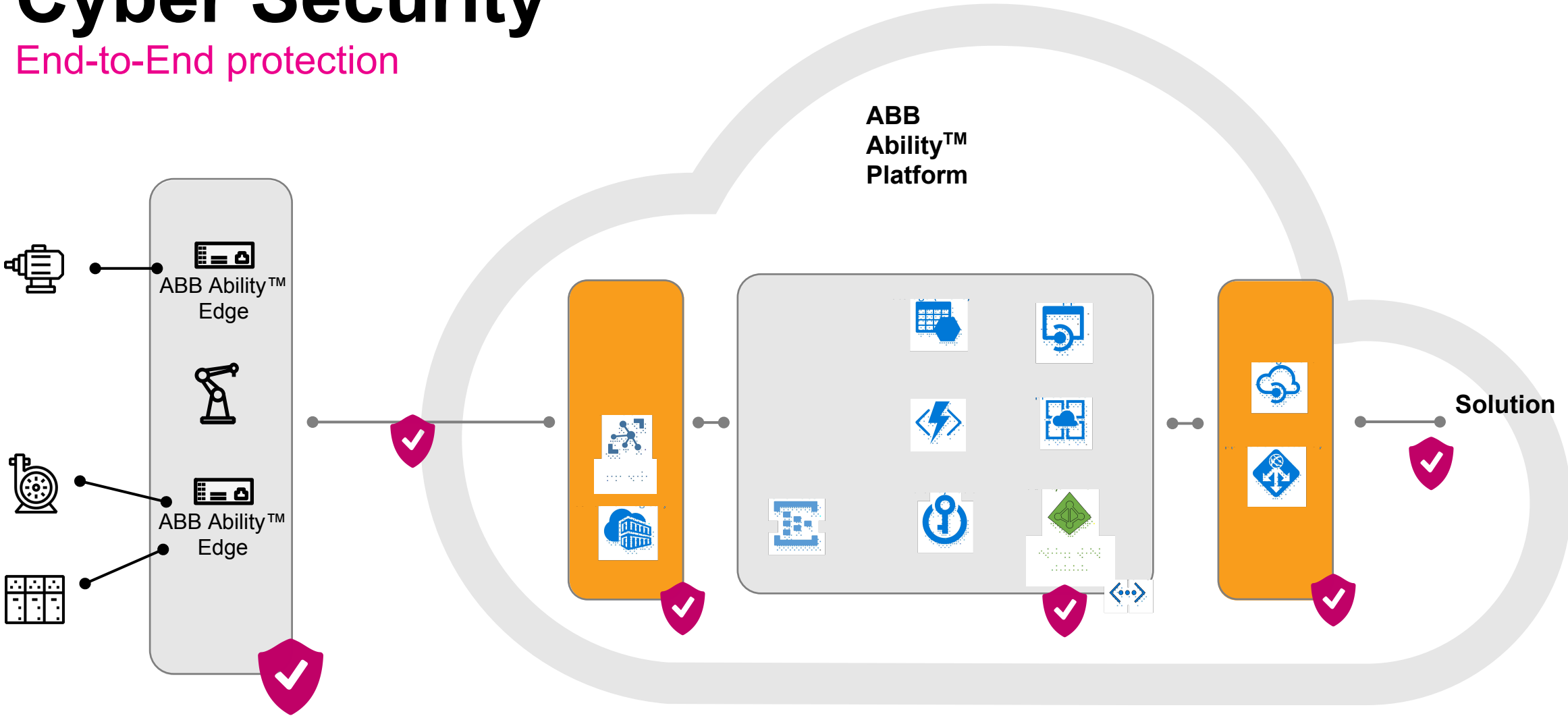
“It takes 20 years to build a reputation and few minutes of cyber-incident to ruin it.”

Stephane Nappo

© 2019 SPLUNK INC.

Cyber Security

End-to-End protection



© 2019 SPLUNK INC.

Building a Secure Platform

Audit Logging for Forensics

- Beyond Azure Audit logs
- Custom retention policies
- Insight into platform changes

Identity and Access

- Identity as a Service
- Customer manages identities
- Ability **RBAC Service**

Secure Deployment

- Attack Surface reduction (VNET)
- Secure Communication
- DDoS Protection
- OWASP Top 10 protection

© 2019 SPLUNK INC.

Splunk

Leveraging Splunk in ABB Ability™

splunk> .conf19

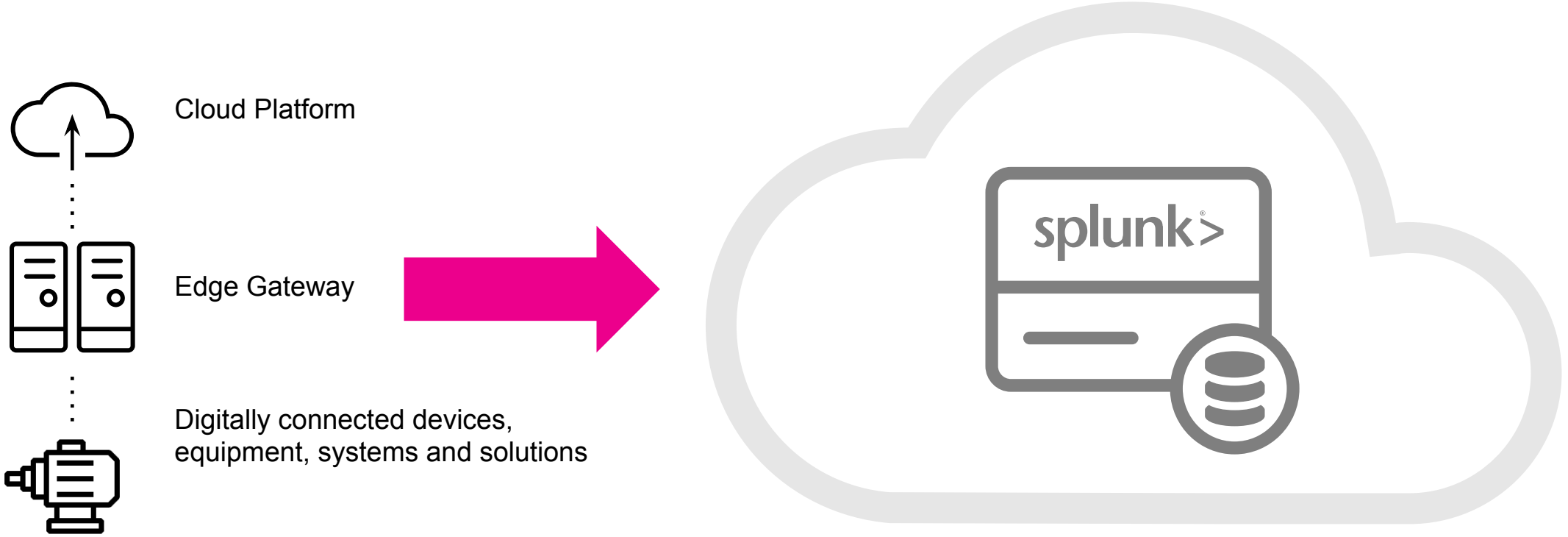
© 2019 SPLUNK INC.

Requirements

- SIEM
- Audit Logging for Forensics
- Edge and device logs
- Custom retention policies
- Insight into changes in Azure resources

© 2019 SPLUNK INC.

High-level Architecture of Splunk Integration



© 2019 SPLUNK INC.

Demo

© 2019 SPLUNK INC.

Q&A

Ravi Prattipati | Chief Architect

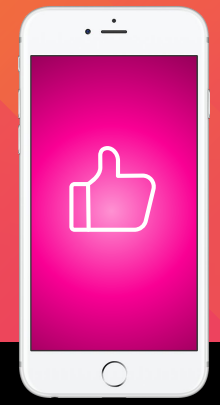
splunk> .conf19

© 2019 SPLUNK INC.

.conf19

splunk>

Thank You !

Go to the .conf19 mobile app to

RATE THIS SESSION