



Building a better working world

# Cyber innovation and engineering financial services

Innovations to address cyber challenges in financial services landscape

Financial services institutions experience challenges in analyzing data and meeting compliance requirements as technologies change and data volume exponentially increases scale with the data volume. The EY solution provides visibility across the environment and helps institutions scale with the data volume.

By leveraging the EY solution to use data to make informed decisions, organizations not only will meet compliance requirements but will also improve their overall security posture.

## Challenges

### Operation complexity

Delivering streamlined services, products and seamless customer experience has proven to be an operational challenge.

### Data aggregation

Increased complexity and a shift to digital products has left organizations ill-equipped to analyze the flood of data that is generated.

### Cybercrime

Cyber criminals targeting banks are more adept at circumventing traditional security controls leading to increased cybercrime.

### Regulatory compliance

Processing information and transactions slow decision-making and data analysis required to meet regulatory and risk management requirements

### Service availability

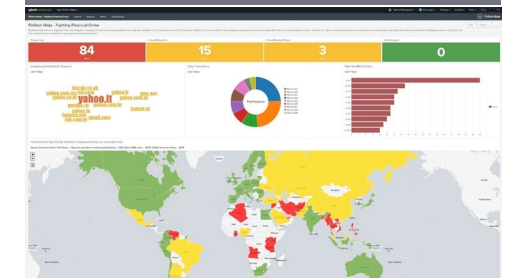
Global operations struggle to meet high availability requirements cyber analytics systems require in an incident prone environment.

## Splunk solutions - features

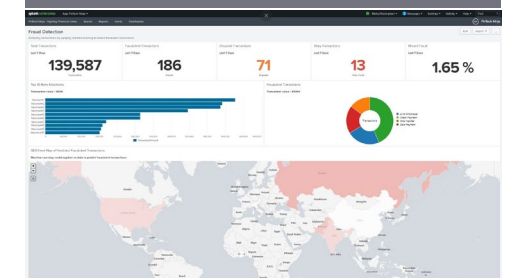
- Access a holistic view of actionable operational information to enhance reliability and profitability
- View real-time information around firm's risk posture, reaction to changes
- Mine data and monitor users to identify unusual behavior
- Fulfill regulatory risk obligations by managing risk data in a highly scalable, flexible and secure environment
- Meet regulatory compliance (PCI, GDPR) on a continuous basis
- Centralize identification of security issues and root cause analysis
- Improve reaction time to attacks by using contextual information to identify potential threats
- Monitor critical system health to comply with SLAs
- Demonstrate high service availability by daily reporting and robust stress test process

## Value provided

### Contextual intelligence



### Fraud detection using machine learning



## Industry offering

- Banking and Insurance Operations
- Trading and Risk
- IT Operations
- Cyber and Financial Crime
- Compliance

EY | Assurance | Tax | Strategy and Transactions | Consulting

**About EY**  
EY is a global leader in assurance, tax, strategy, transaction and consulting services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

Ernst & Young refers to the global organization, and may refer to one or more of the member firms of Ernst & Young Global Limited, each of which is a separate legal entity. Ernst & Young Global Limited, a UK company limited by guarantee, does not provide services to clients. Information about how EY collects and uses personal data and a description of the rights individuals have under data protection legislation are available via [ey.com/privacy](http://ey.com/privacy). For more information about our organization, please visit [ey.com](http://ey.com).

Ernst & Young LLP is a client-serving member firm of Ernst & Young Global Limited operating in the US.

© 2020 Ernst & Young LLP.  
All Rights Reserved.  
US SCODE no. 10645-201US  
2020 3108760  
ey.com

## Ernst & Young LLP cybersecurity contacts



**Kaushal J Patel**  
Managing Director  
Technology Consulting



**Tony Pierce**  
Senior Manager  
Innovation Lead



**Rupak Pandya**  
Senior Manager  
US SIEM Delivery Lead



**Robb B Mayeski**  
Senior Manager  
US SOAR Delivery Lead