

Splunk Forum - Day 2

Splunk Korea – December 2020



splunk > Forum

1부 – Splunk Observability Suite

2부 – Splunk ITSI

클라우드 모니터링, Splunk Observability Suite

○ 최창배 | Senior Sales Engineer | Splunk Korea
17 Dec 2020

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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.

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splunk> turn data into doing™



지난 1년...

SignalFx



APM

Kubernetes
NAVIGATOR

**Splunk Named
a Visionary**

in Gartner's
2020 Magic Quadrant
for Application Performance
Monitoring

Gartner, 2020 Magic Quadrant for Application
Performance Monitoring, Charley Rich
and Federico de Silva, 22 April 2020.

**Observability
Suite**

Oct. '19

Mar. '20

Apr. '20

Oct. '20

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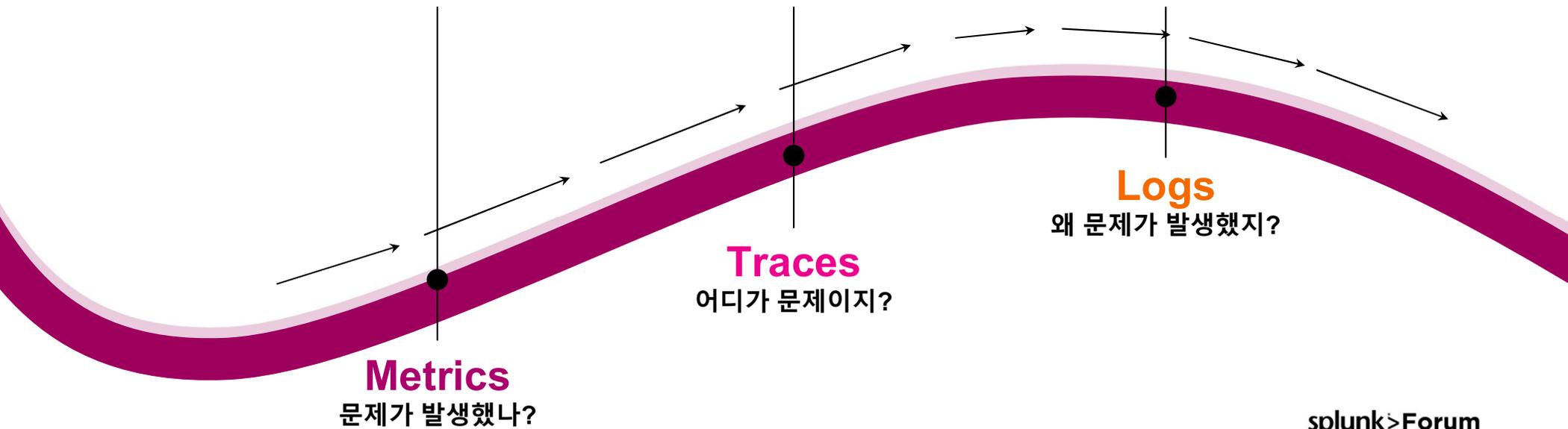
Observer → Observability?

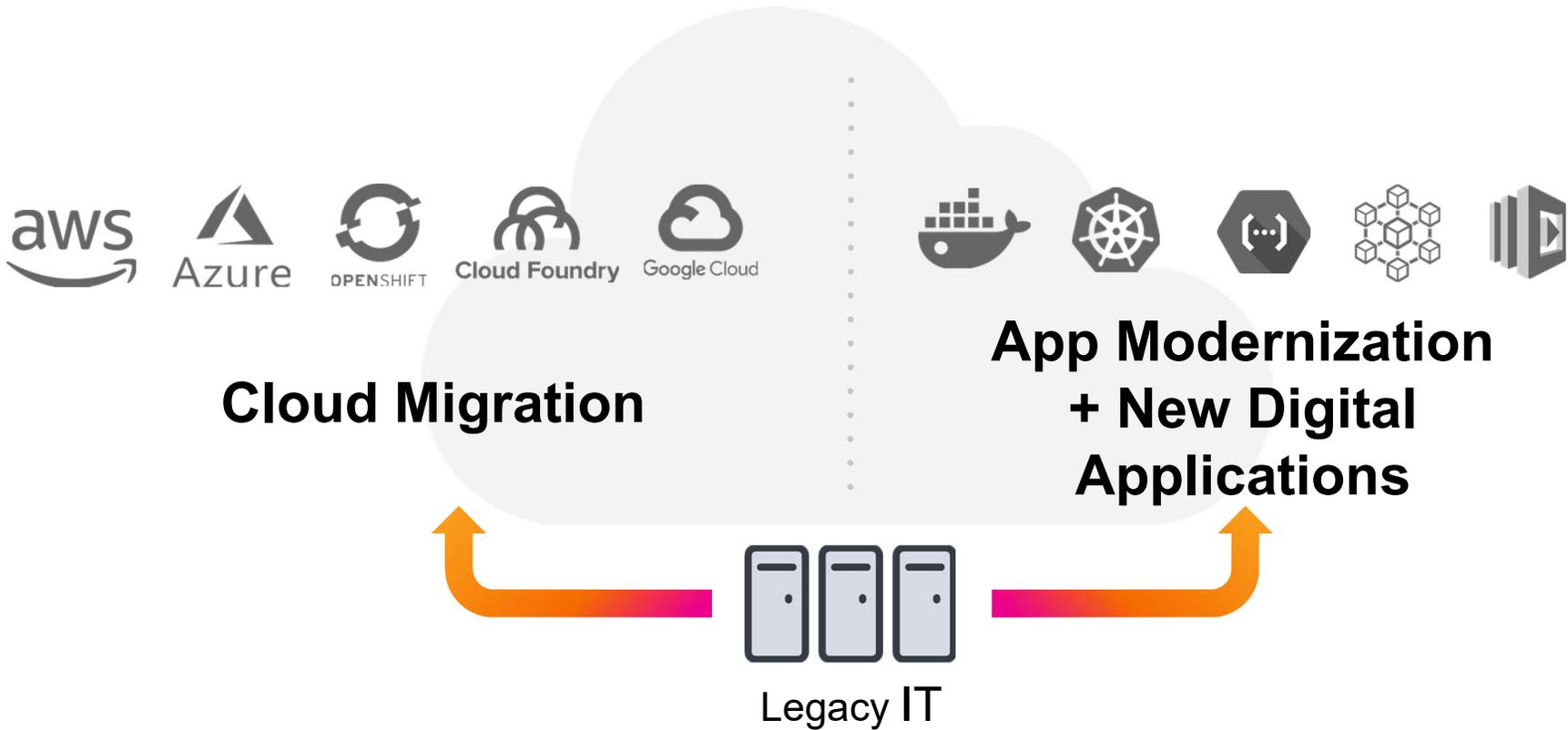


- Output 을 통해 내부의 상태를 유추할 수 있어야 한다.
- 이를 위해서 새로운 코드는 필요하지 않다.

Observability 3 가지 요소

Detect → Troubleshoot → Root Cause

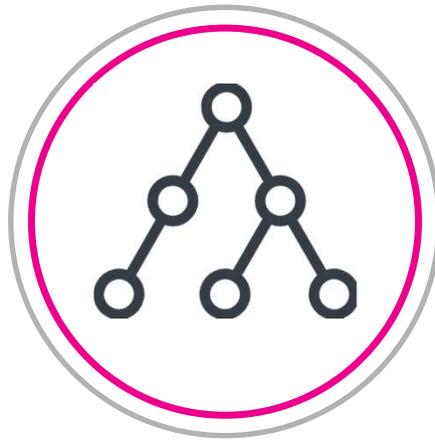




What's Different?

Cloud-native 속도 증가 → 복잡도 증가

**Elastic, Short-Lived
Infrastructure**



What's Different?

Cloud-native 속도 증가 → 복잡도 증가

Complex, Interdependencies
Microservice



What's Different?

Cloud-native 속도 증가 → 복잡도 증가

“You build it, you run it.”

DevOps



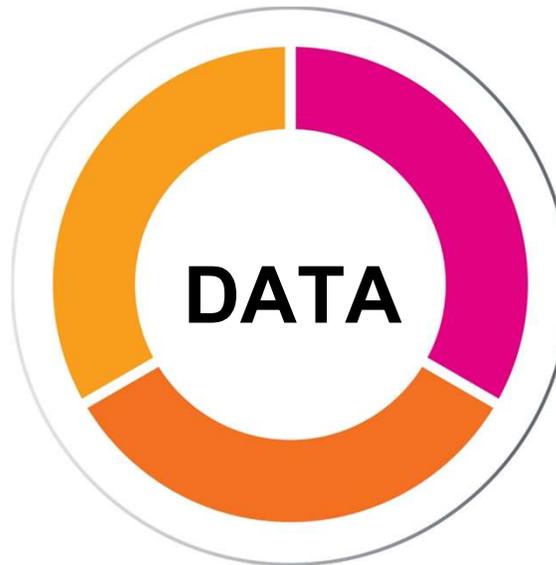
Observability

도구 특징

모든 데이터 통합 저장 ○

실시간 & 확장성 ○

분석/머신 러닝 ○



▲ 고객 경험

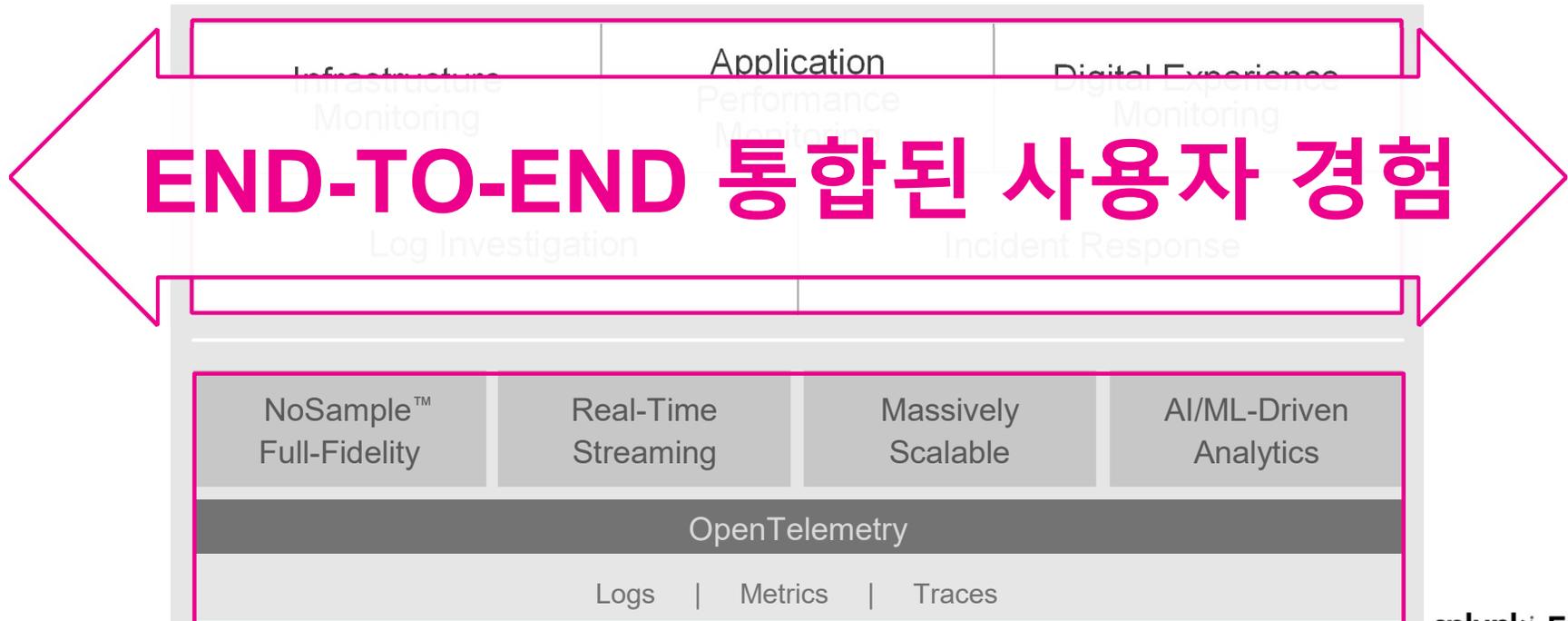
▲ 제품 품질과 개발 속도

▲ 개발 효율성

▲ 비즈니스 적용

Announcing

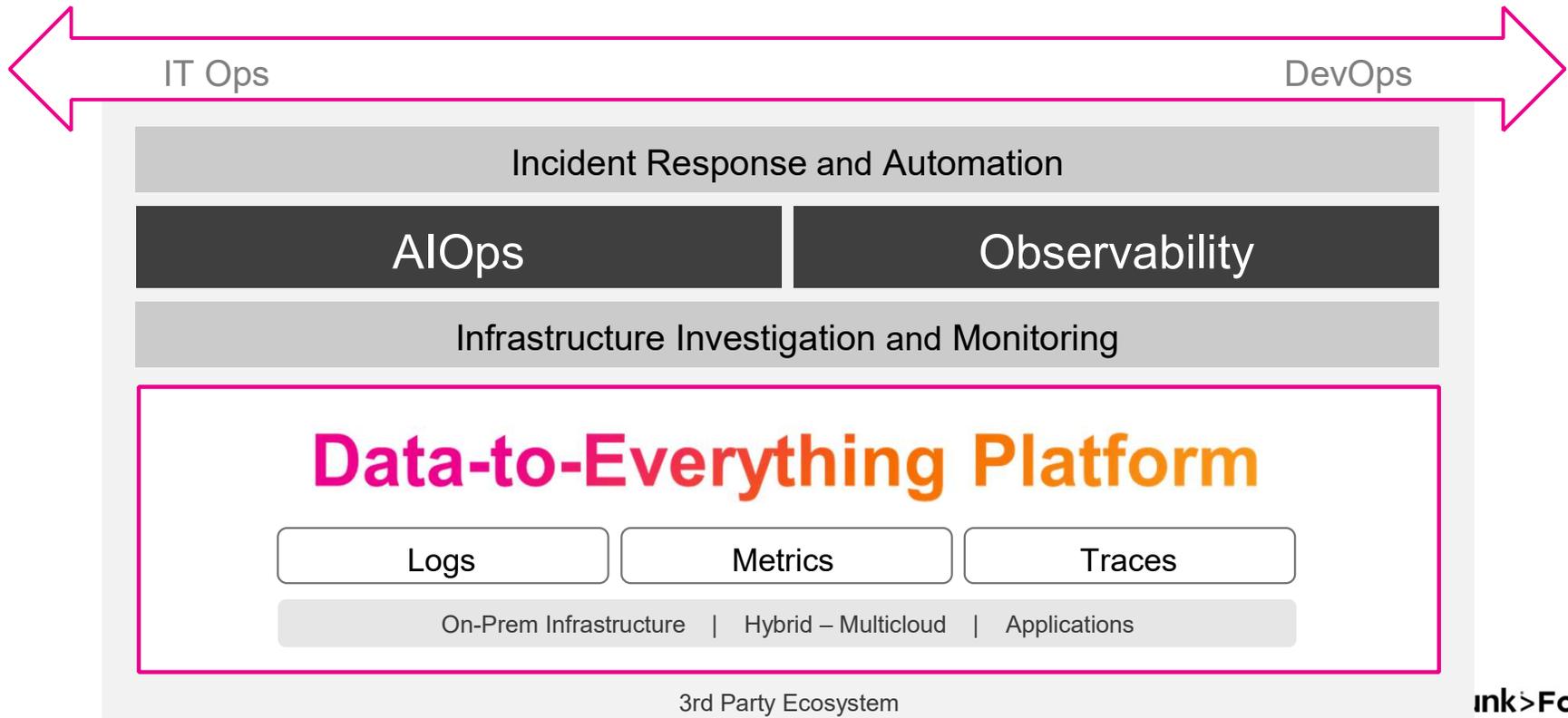
Splunk Observability Suite



splunk>Forum

Monitoring, Observability, AIOps 통합 플랫폼

For every app, every location, every team

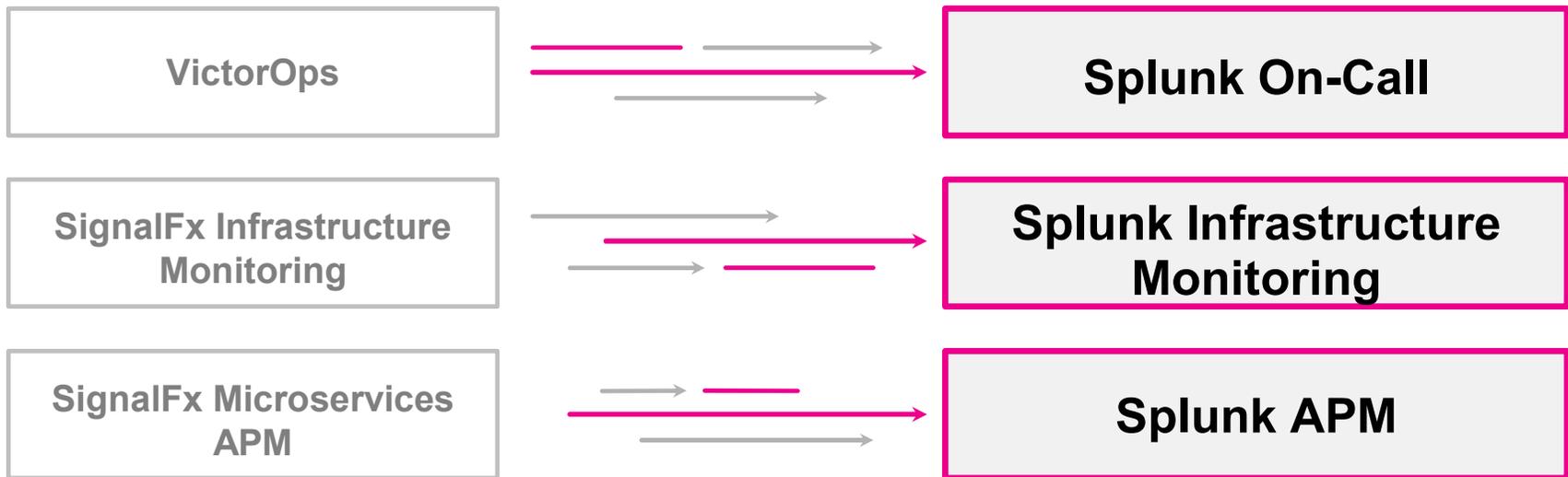


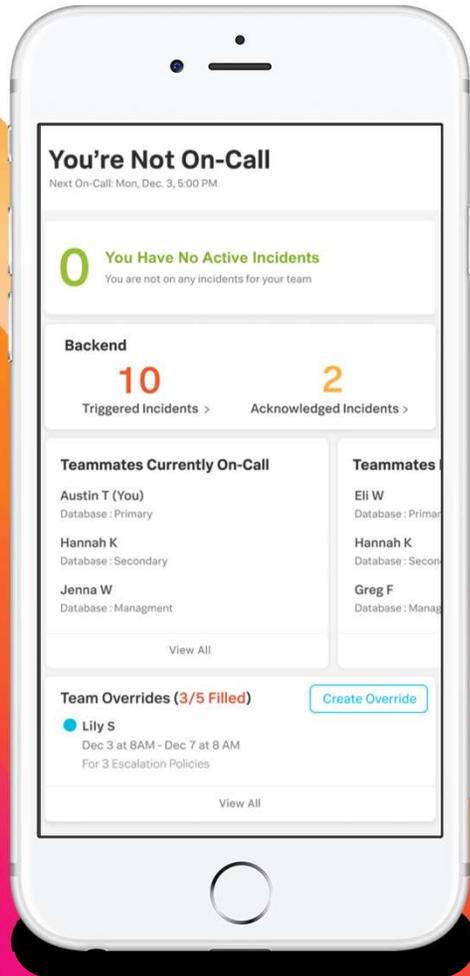
Observability 새로운 기능



splunk > turn data into doing™

새로운 이름으로 더 강력해 졌습니다.



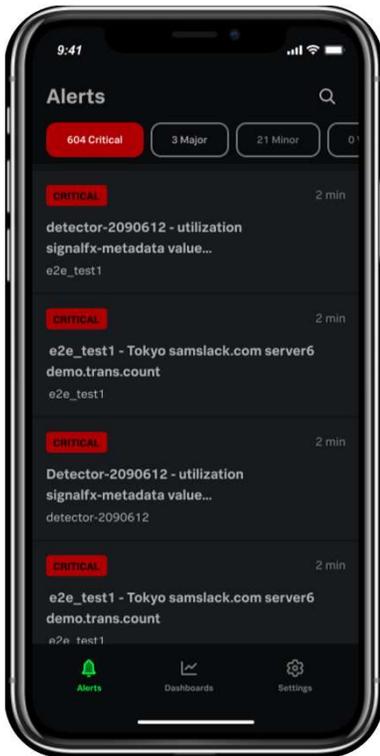


새로운 기능

Splunk On-Call

- Okta, JIRA, MS Teams 관 강화된 연계
- 이해 관계자 알람
- Team view and virtual war room
- 강화된 mobile App

BETA

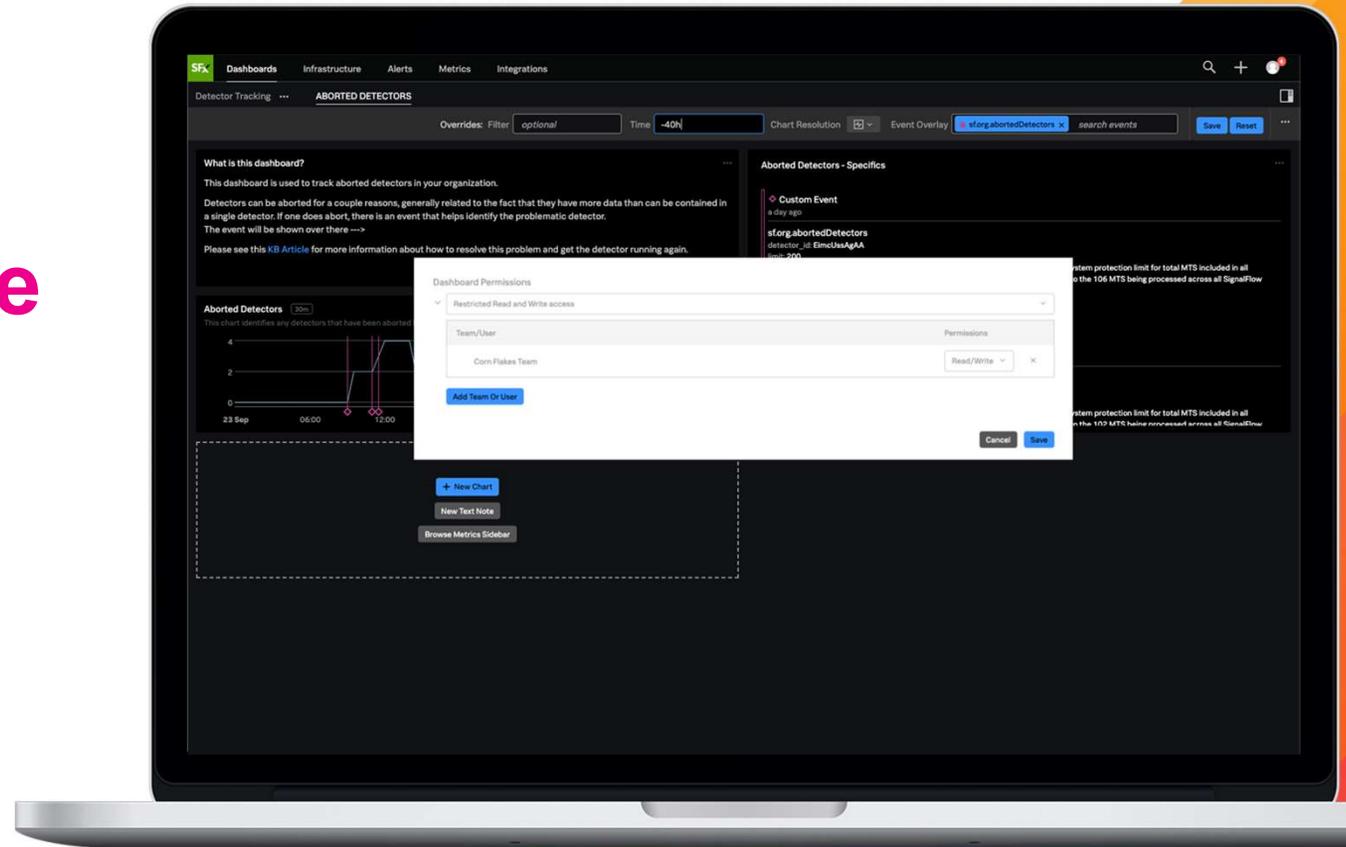


Splunk
Observability

Mobile

Splunk Infrastructure Monitoring

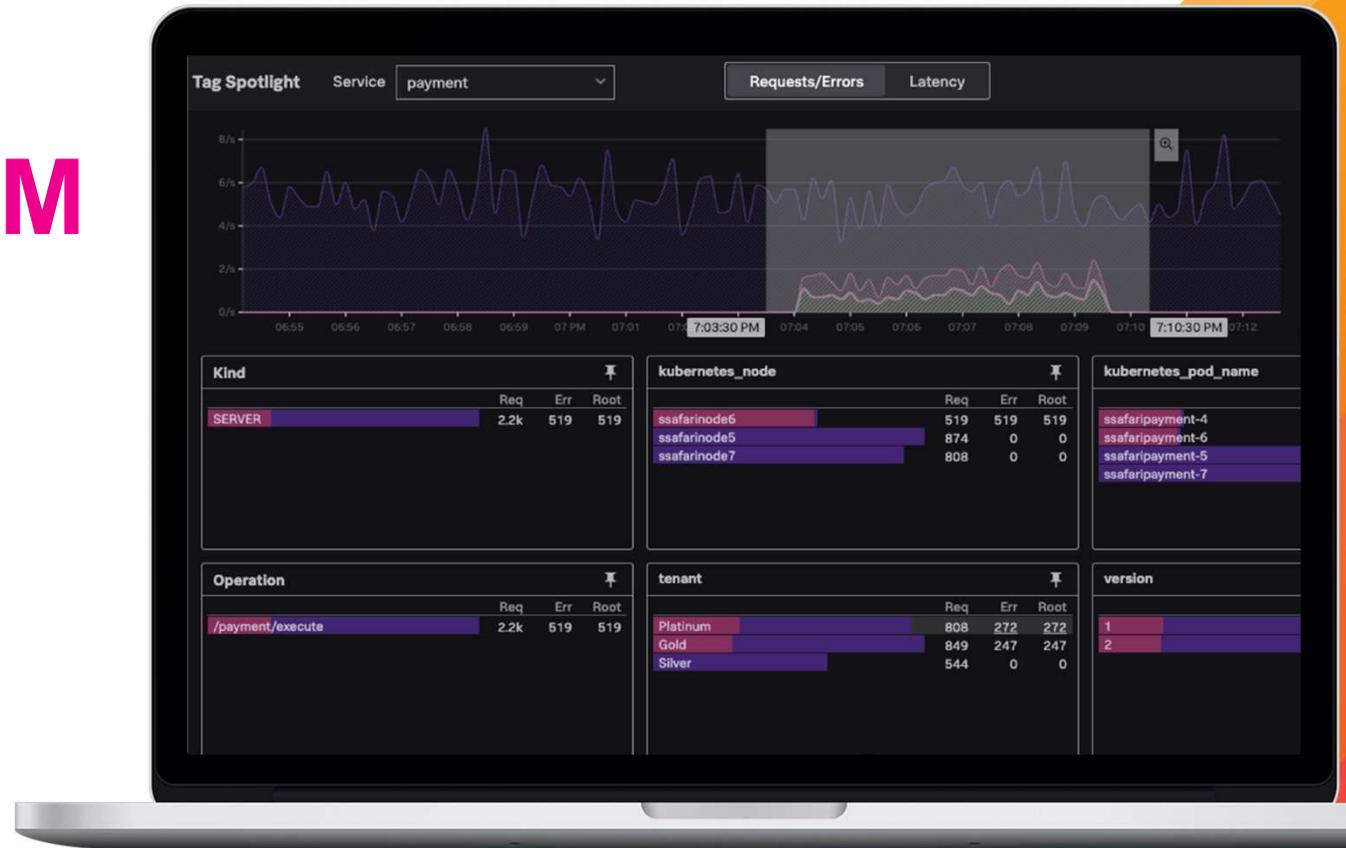
새로운 기능:
Access Controls



Splunk APM

새로운 기능:

Tag Spotlight



Splunk APM

새로운 기능:
**Business
Workflows**

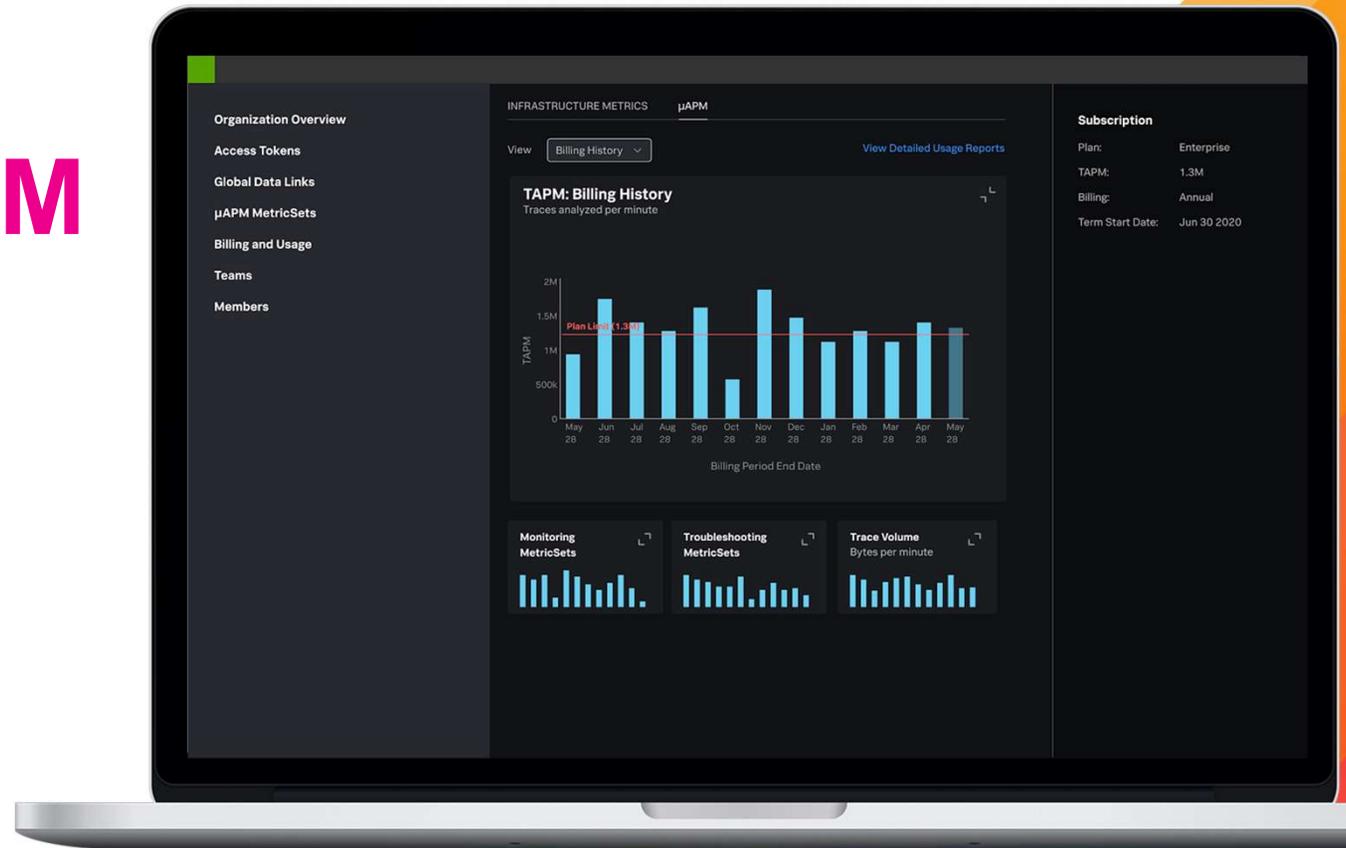


BETA

Splunk APM

새로운 기능:

Enterprise Billing / Usage

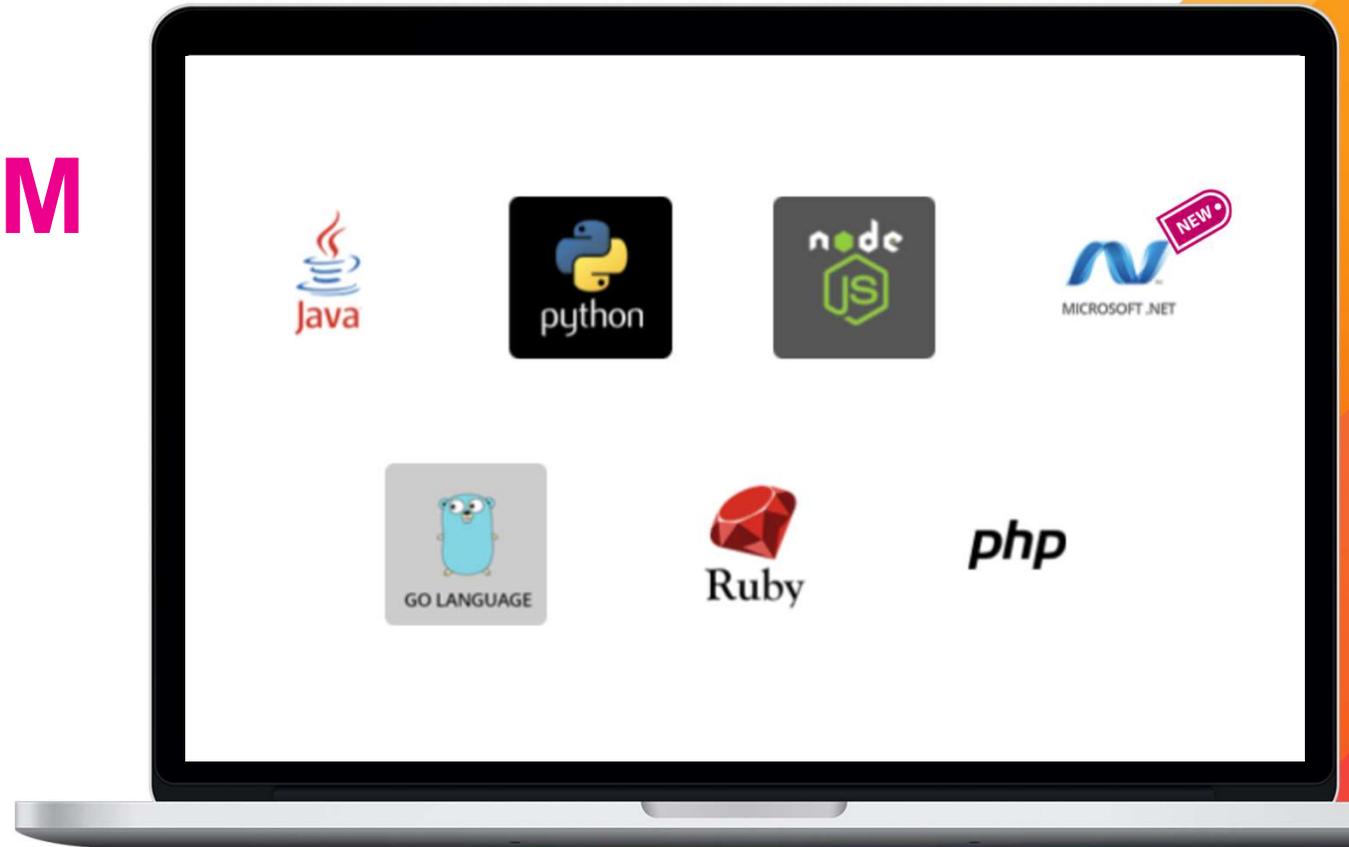


BETA

Splunk APM

새로운 기능:

Auto Instrumentation



BETA

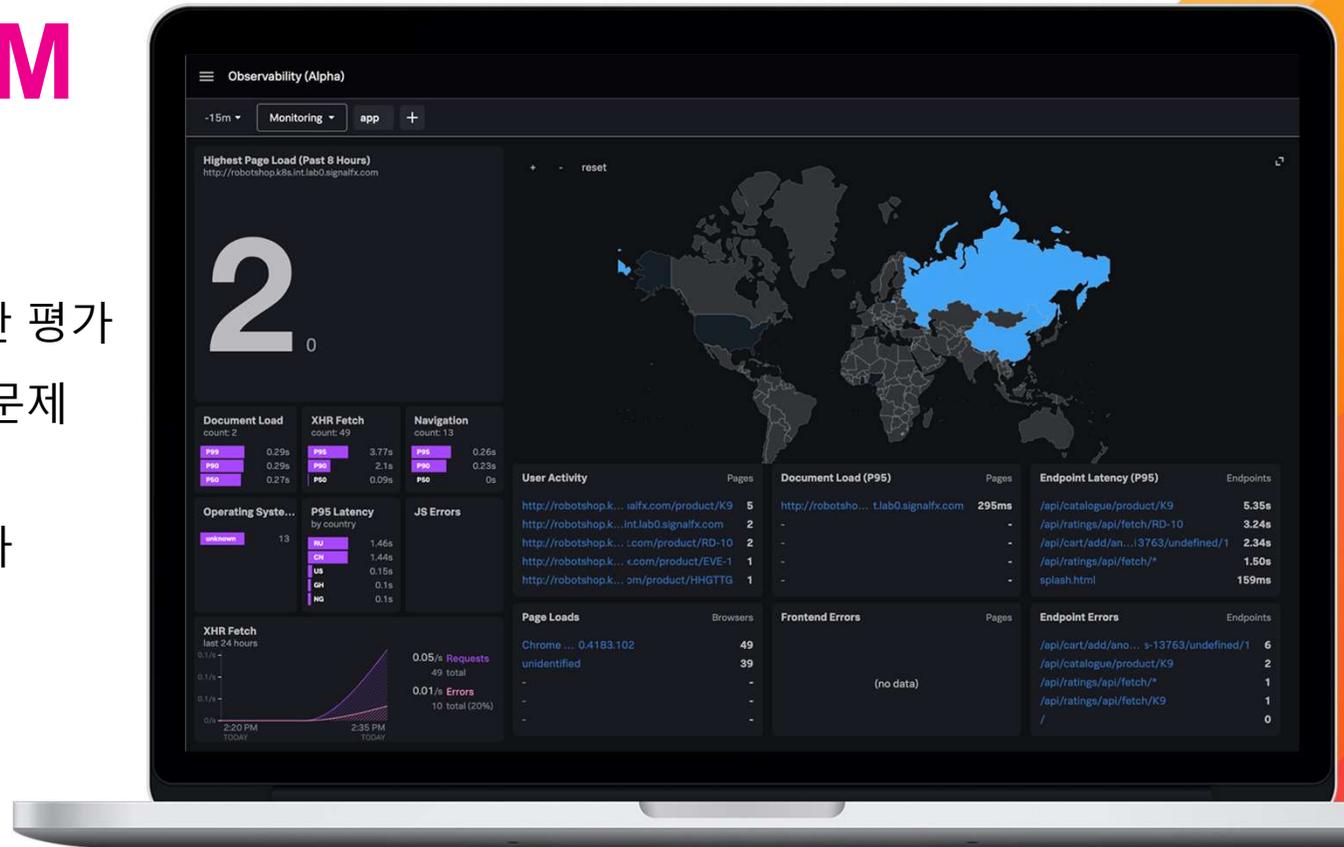
Announcing

Splunk RUM

End – To – End Visibility

Splunk RUM

- 성능을 추적 모니터링
- 실시간 사용자 경험 실시간 평가
- 문제 해결 간소화를 통해 문제 해결 시간 단축
- 개방형 표준을 통해 사용자 데이터 수집
- 유연하고 선택적으로 Observability 경험



BETA

Announcing

Splunk Log Observer

**빠른 시작
+ 빠른 문제 해결**

**DevOps를 위한
설계**

**Log Market Leader
에 의해 제공**

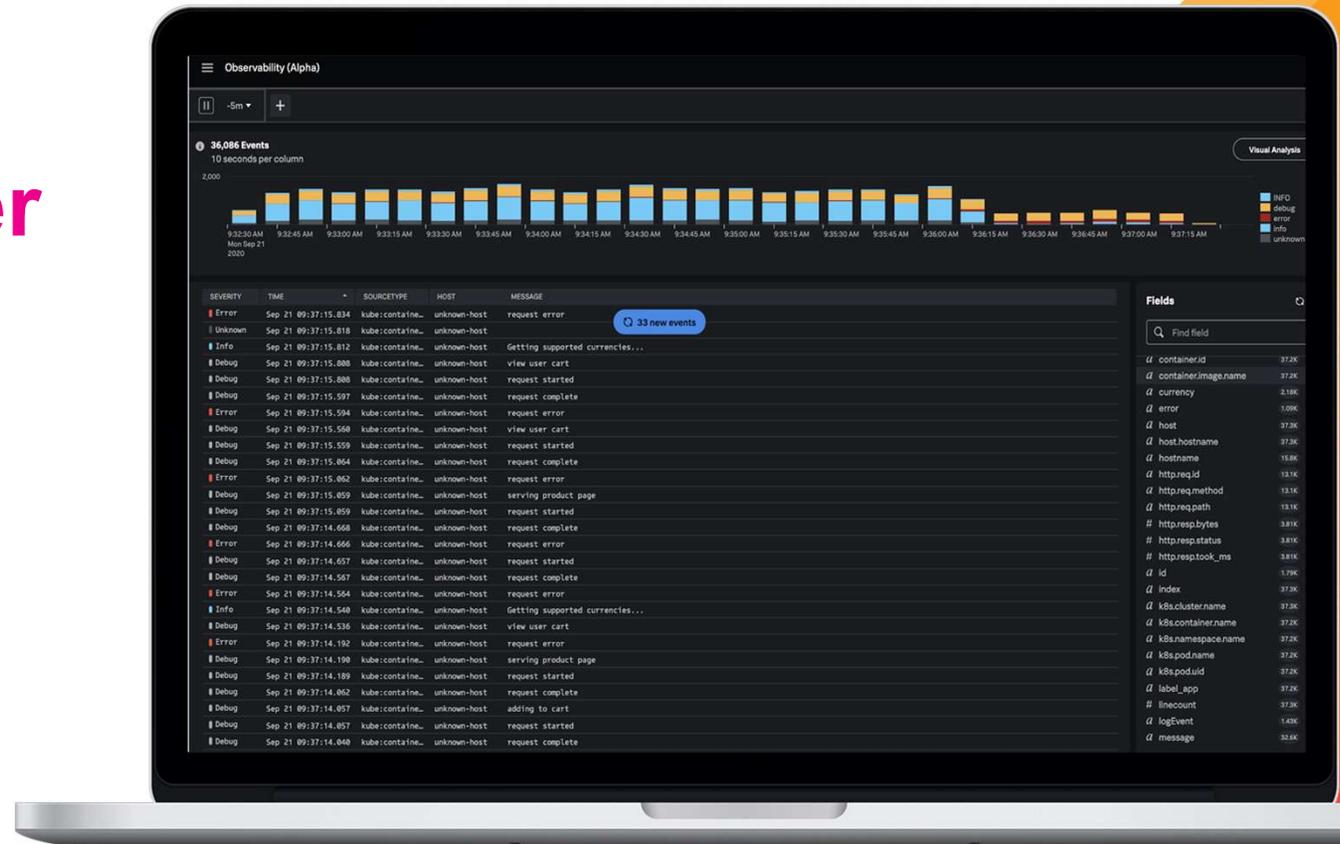
Splunk Log Observer

새로운 기능:

Built for DevOps

Live Tail

No-Code Log
Investigation





Demo

End-to-End Observability

Announcing

Plumbr

Java Profiling

- Exceptions
- Slow JDBC
- Slow file operations
- Thread Locks
- Garbage Collections

Byte Code Instrumentation

Real User Monitoring

Announcing

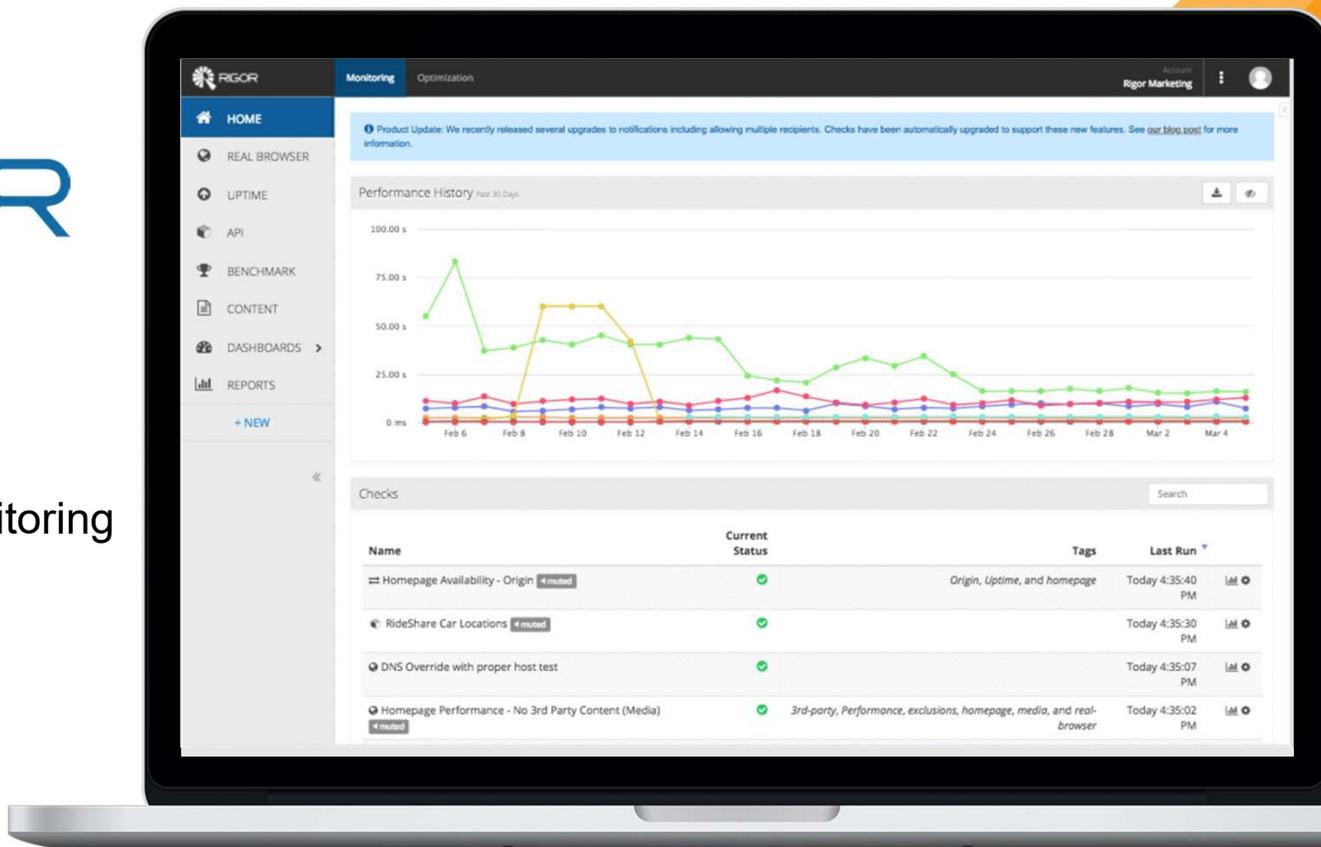


**Synthetic
Monitoring**

**Web Performance
Optimization**



- Synthetic Monitoring
- Browser Transaction Monitoring
- Front-end Performance Management
- External API Monitoring



Announcing

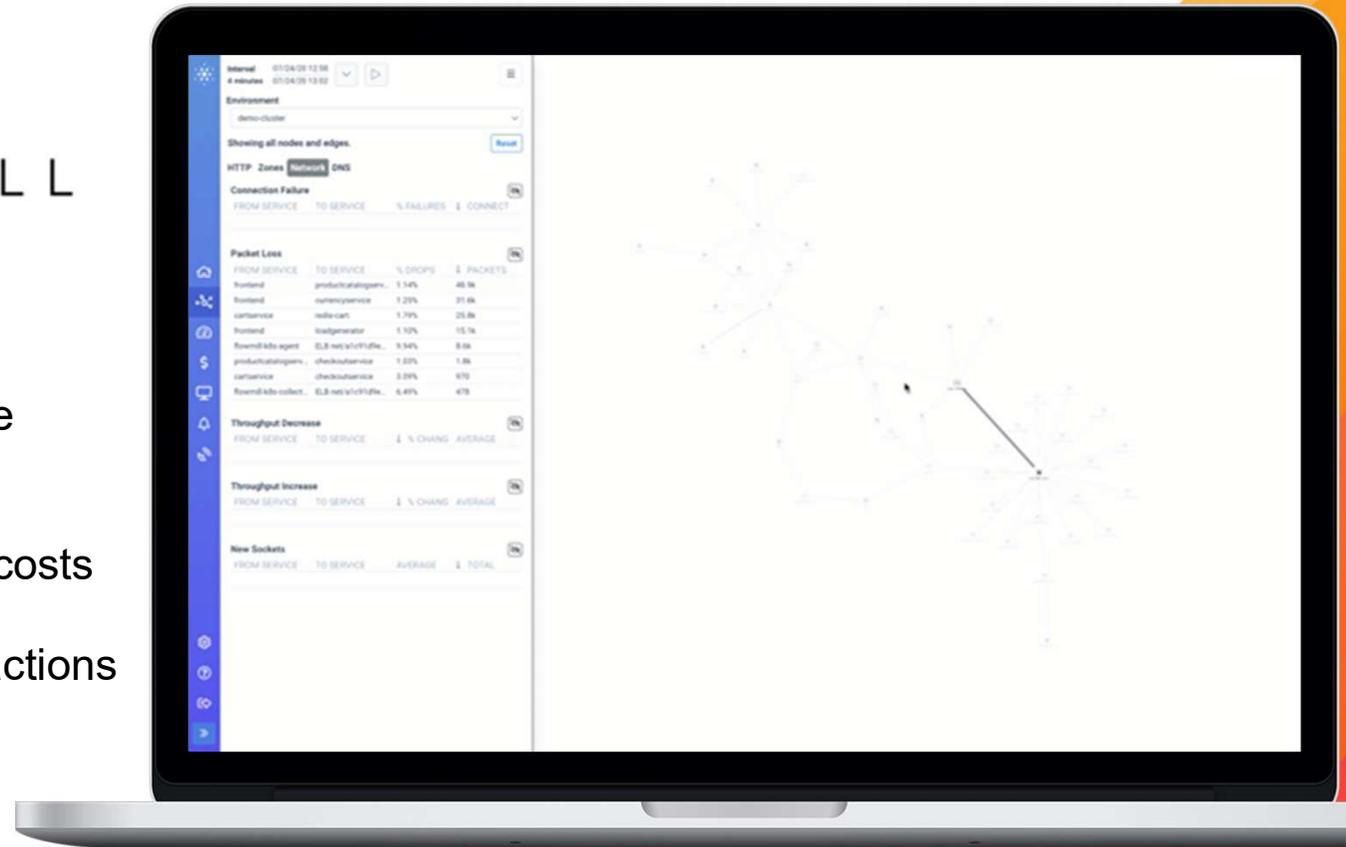


Cloud Network Observability



FLOWMILL

- Detect cloud infrastructure problems
- Reduce network transfer costs
- Analyze application interactions



Splunk Observability Suite Capabilities

Metrics and Infrastructure Monitoring	✓	
Tracing and APM	✓	
Full-fidelity Ingestion	✓	
Log Investigation	✓	
Real User Monitoring	✓	
Synthetic Monitoring	✓	
Network Performance Monitoring	✓	 

Thank You

Splunk AIOps Updates

데이터 시대를 위한 IT 운영의 현대화
Modernize IT Operations for the Data Age



최승돈 | Staff Sales Engineer | Splunk Korea

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2020년 스플링크 ITOps

>75%

Cloud
Business
Growth

>30K

Splunkbase
Downloads
of Cloud
Add-Ons

>300

Technology
Partner
Ecosystem

#1

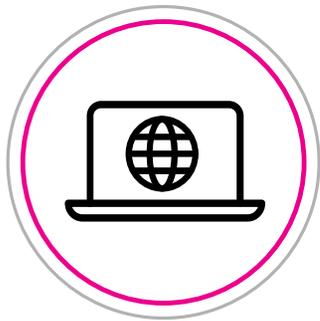
Worldwide
IT Ops
Management
Software
Market Share*

* Source: IDC Worldwide IT Operations Management Software Market Shares, 2019: Strong Growth Ahead of COVID-19 Disruption, T. Grieser, S. Elliot, June 2020

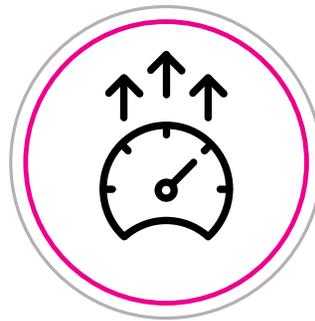
COVID-19 로 인한 IT의 새로운 압박

디지털 트랜스포메이션의 가속화

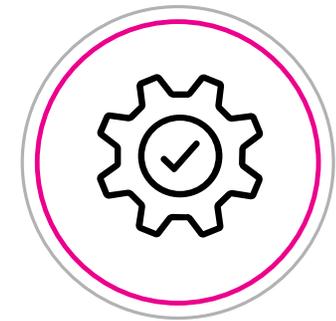
리모트워크의
일상화



중요 서비스에 대한
부하 증가

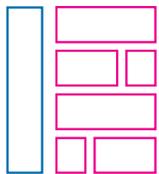


최적화와 클라우드
이전의 가속화



Organizations are Transforming

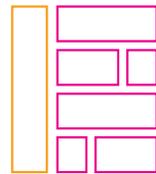
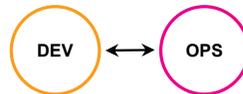
Retain & Optimize



Tightly Coupled Apps,
Slow Deployment Cycles



Lift & Shift



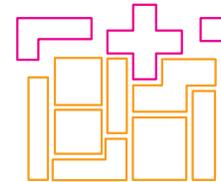
Primarily using
Cloud IaaS



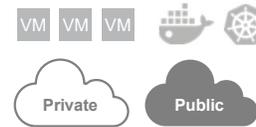
Re-Factor



Cloud Managed e.g. RDS,
DynamoDB, SaaS



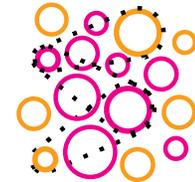
More Modular, but
Dependent App Components



Re-Architect / Cloud-Native



Cloud First Architecture



Loosely Coupled Microservices,
and Serverless Functions



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Before: 각 기술 스택을 모니터링하기 위한 사일로된 툴들

Layers

Business Services



Application Services

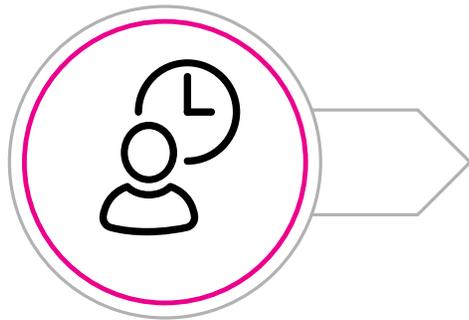


Infrastructure



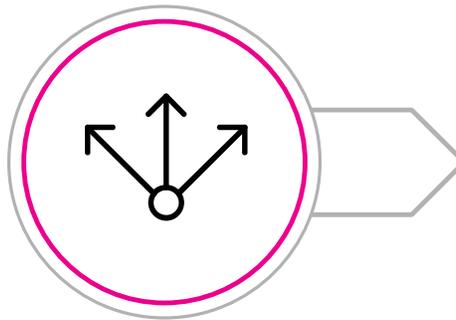
조각화된 가시성이 가져오는 영향도

비효율적
생산성



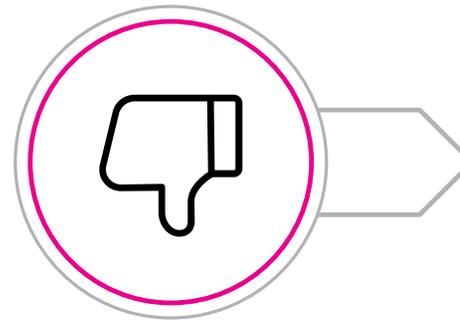
Extended investigations

비즈니스와
IT연계 부족



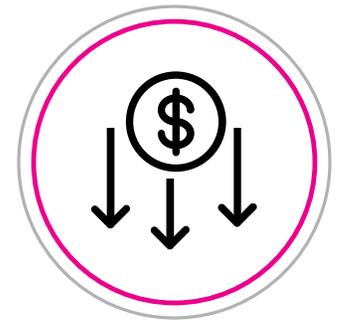
IT metrics ≠ business KPIs

나쁜 유저 경험



Damage to brand reputation

매출 악영향



Impact to the business

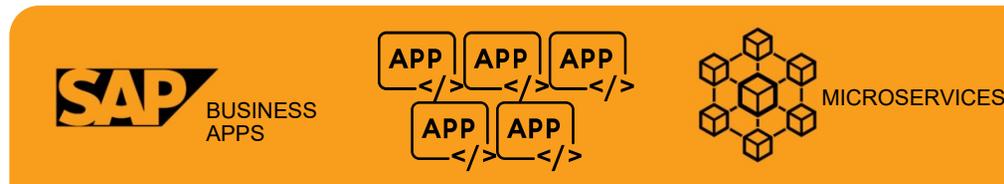
End-to-End 가시성의 필요

Layers

Business Services



Application Services



Infrastructure



Data Sources

Business Data
(# customers, \$\$\$)

Metrics, Logs, Traces,
APIs, QoS

Metrics, Logs, Events,
APIs, QoS

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End-to-End 가시성의 필요

Layers

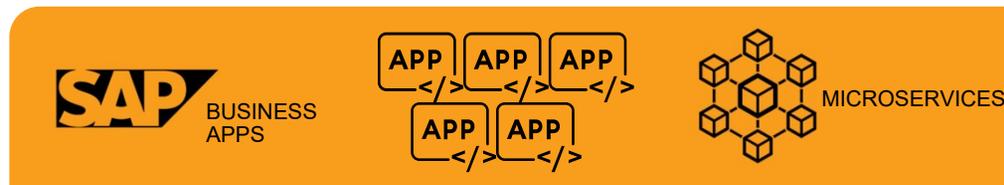
Business Services



Key Performance Indicators (KPIs)

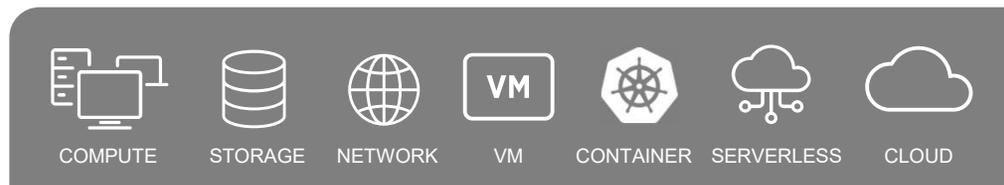
Business Services Health

Application Services



Application Health and Performance

Infrastructure



Infrastructure Health and Availability

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서비스 중심, KPI 지표 360° 뷰

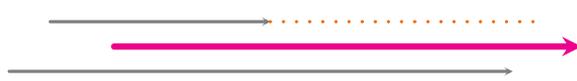


Traditional ITOM

사일로된 데이터와
팀/툴들



Domain-specific
measurement



Bottom-up
인프라 중심



정적인 룰과
임계치기반



Vendor Lock-in
에이전트



splunk>

End-to-end 가시성

Domain agnostic,
KPI 중심의 지표모델

Top down 서비스 중심

분석 중심
actionable insights

오픈 스탠다드,
오픈 에코시스템

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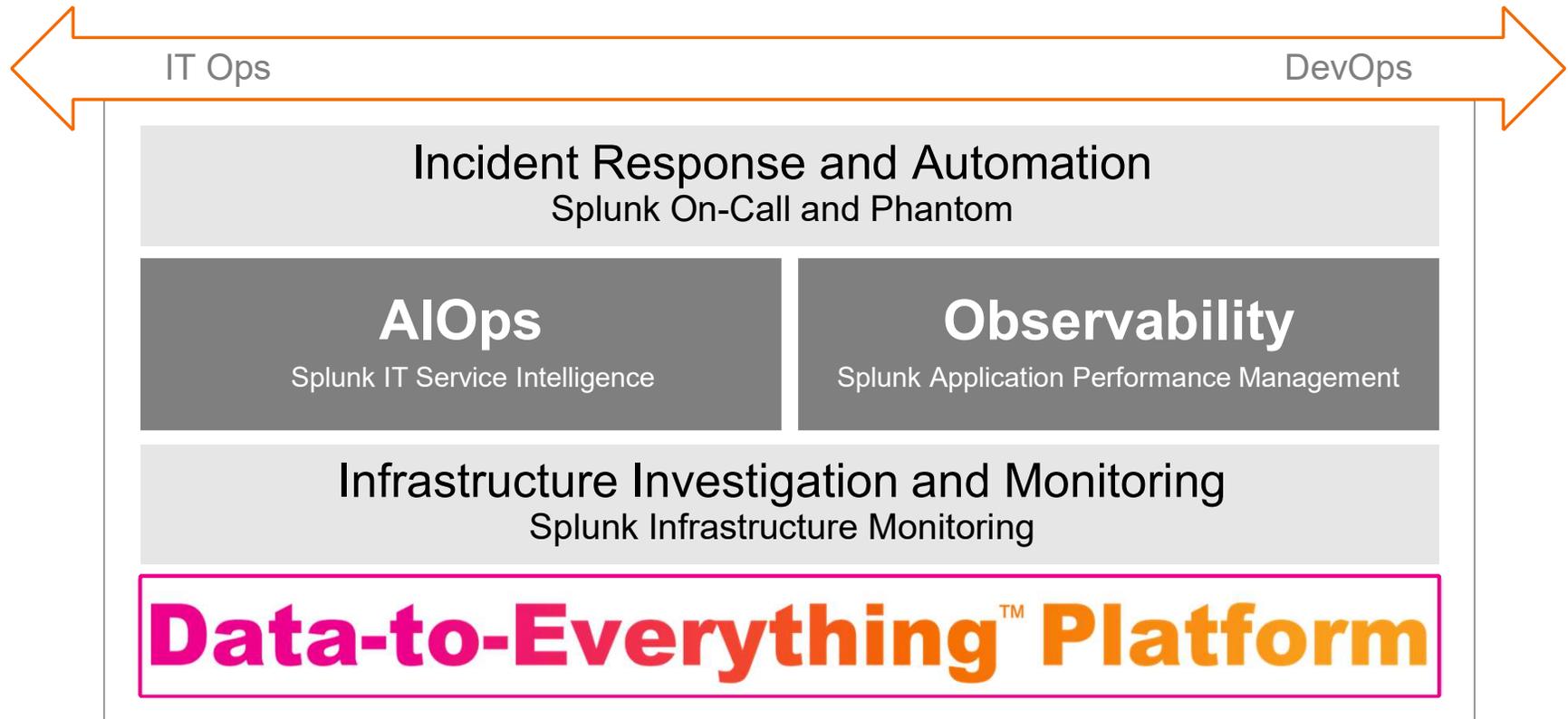
모니터링, 업저버빌리티, AIOps 를 위한 가장 종합적인 플랫폼

모든 어플리케이션, 클라우드/IDC/하이브리드 어디든, 모든 팀을 위한



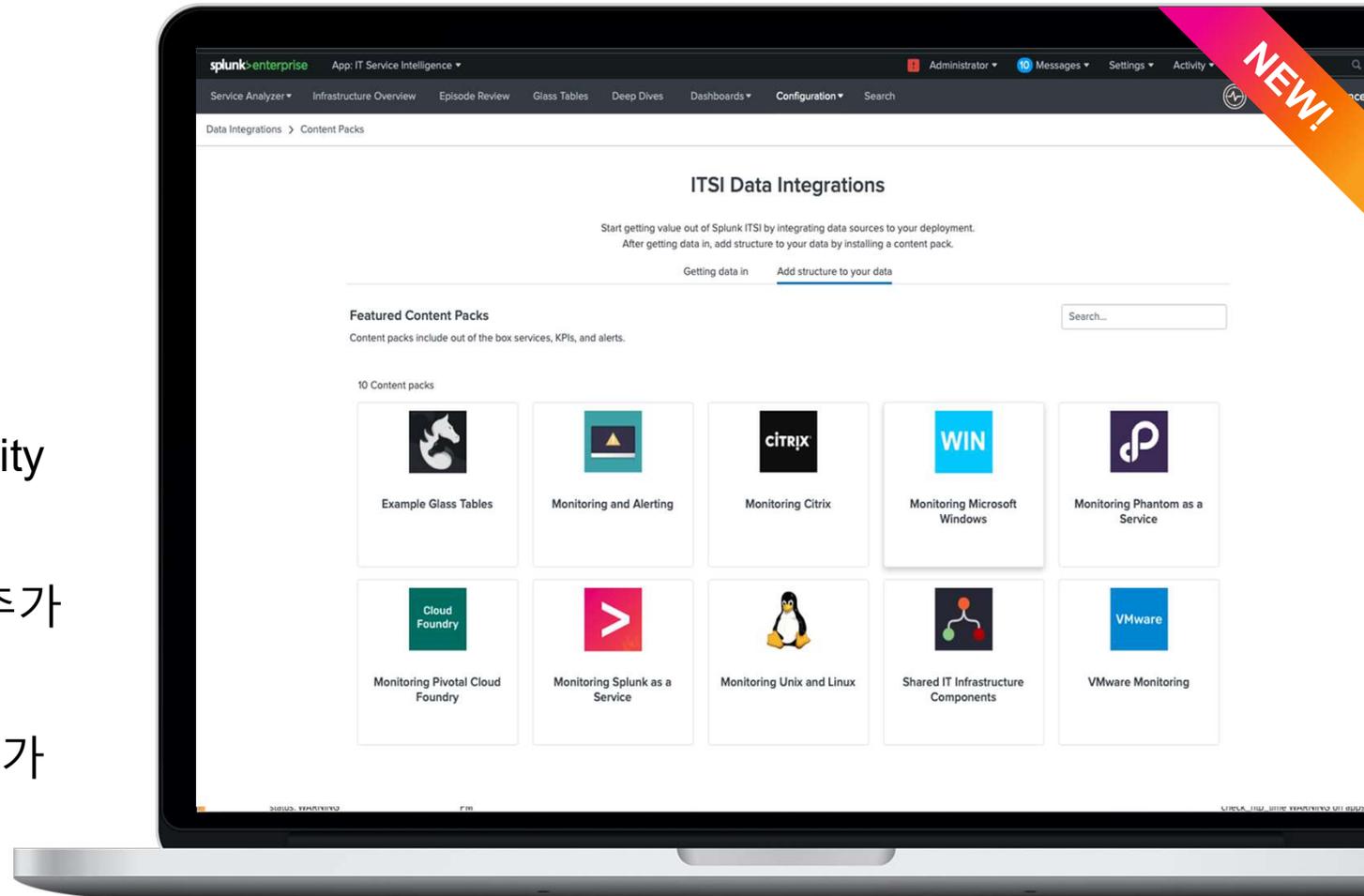
모니터링, 업저버빌리티, AIOps 를 위한 가장 종합적인 플랫폼

모든 어플리케이션, 클라우드/IDC/하이브리드 어디든, 모든 팀을 위한



ITSI 4.7

- 새로운 Glass Table GA
- 보다 안정적인 upgrade
- Entity Analysis with Entity Type/Overview
- Episode Review 기능 추가 및 성능 향상
- 8종의 Contents Pack 추가



Announcing

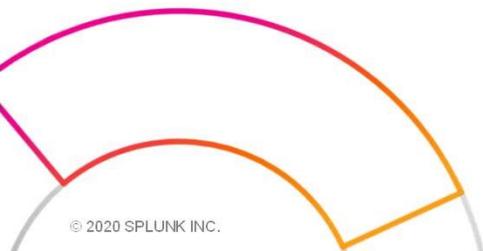
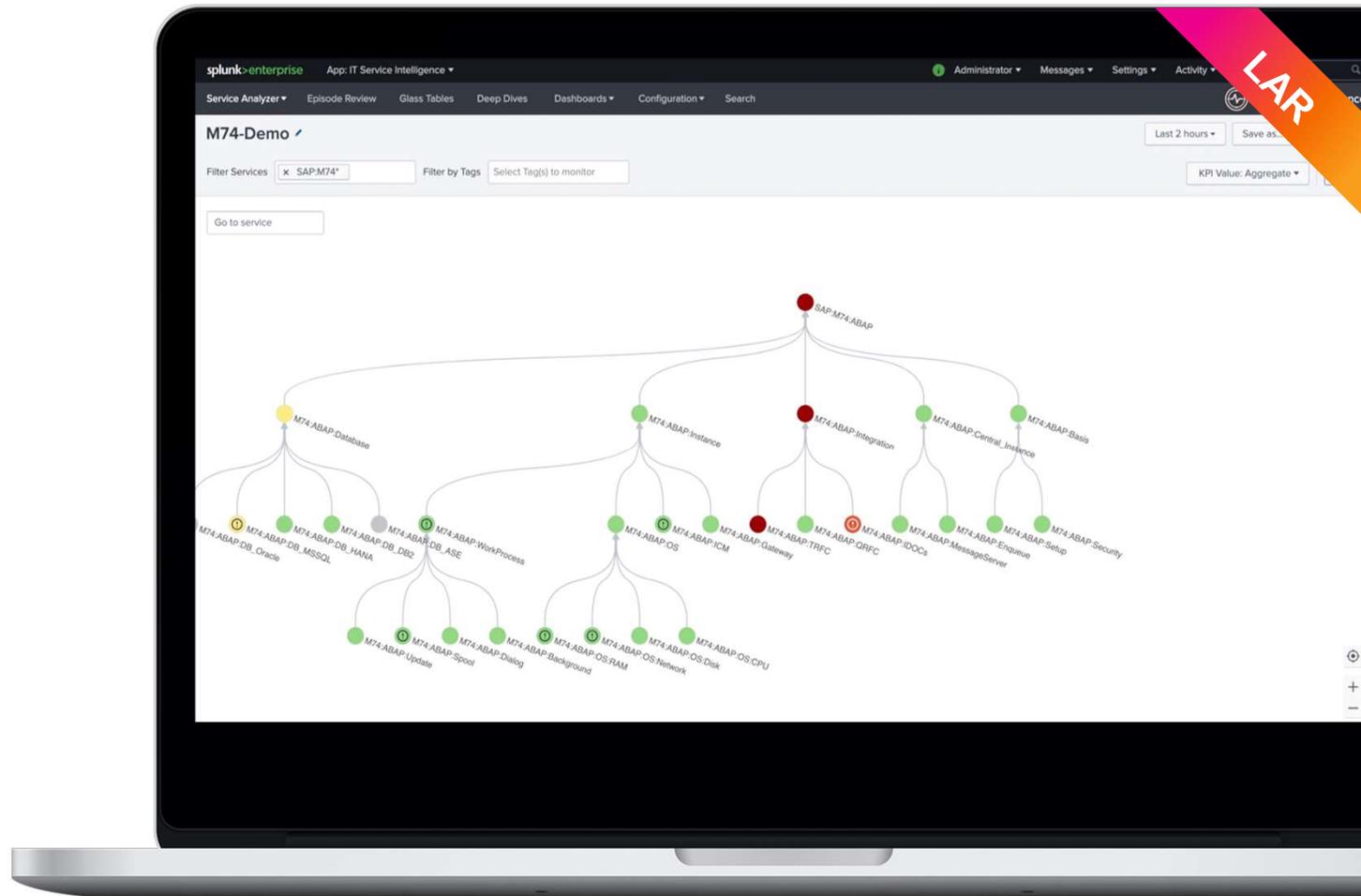
Splunk Service Intelligence for SAP® Solutions

**Prebuilt
Consolidated
Visualizations**

**SAP-Specific
Predictive
Analytics**

**Advanced
Troubleshooting**

- SAP Application과 Infrastructure 통합 뷰 제공
- ABAP/Java 시스템에 대한 40+ 서비스, 200+ KPI Prebuilt-in
- 모든 데이터 베이스(- HANA, Oracle, MSSQL, DB2 서비스 프로파일
- AI/ML 기반 동적 임계치



Announcing

Splunk Infrastructure Monitoring Add-on

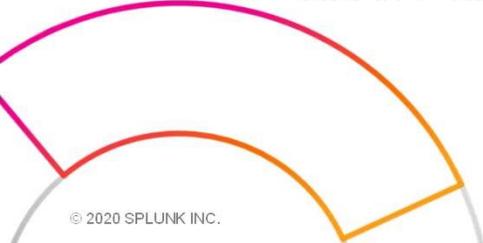
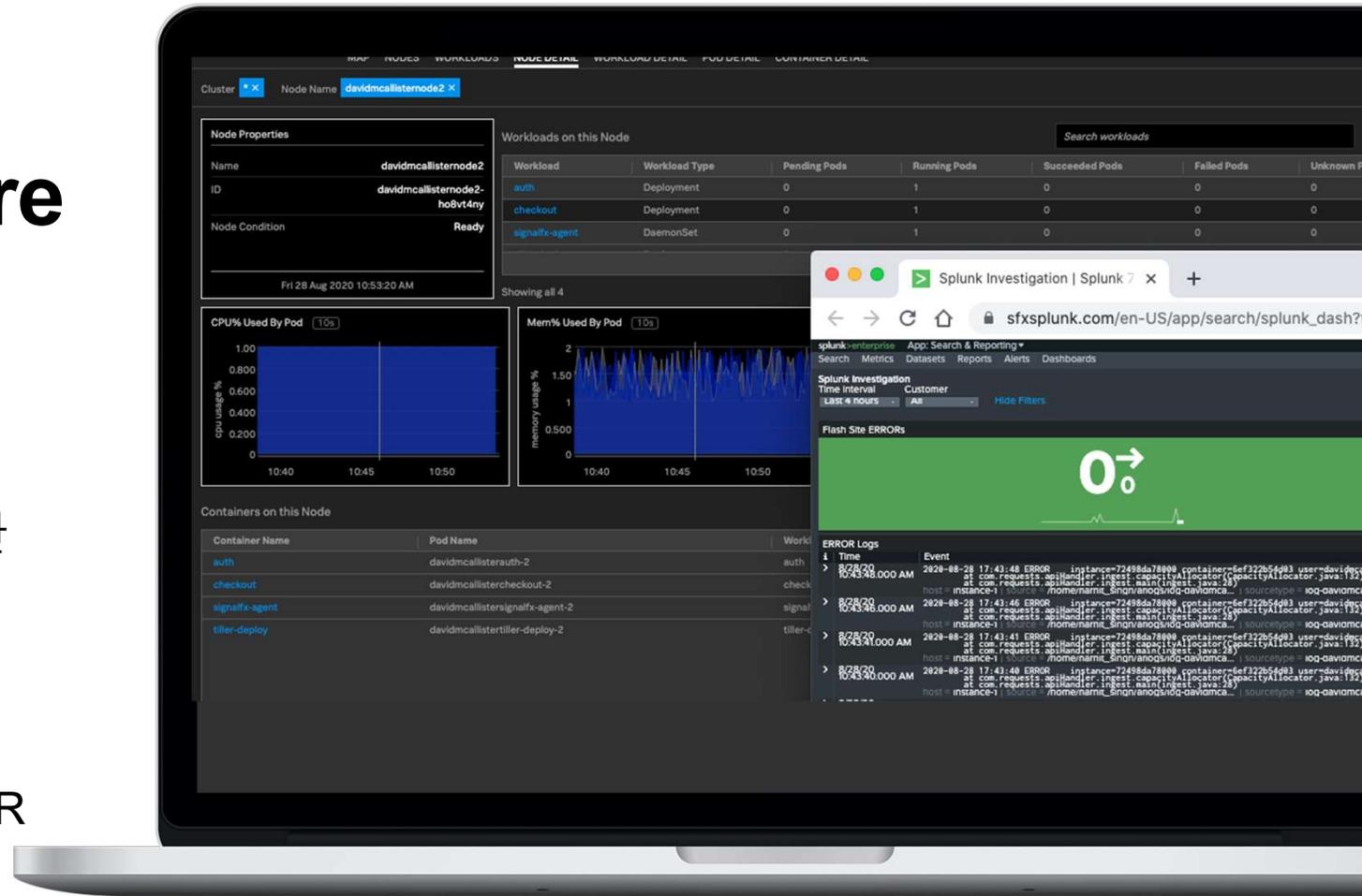
**Detect, Visualize
and Resolve
Complex Issues**

**AI/ML Directed
Investigation and
Monitoring**

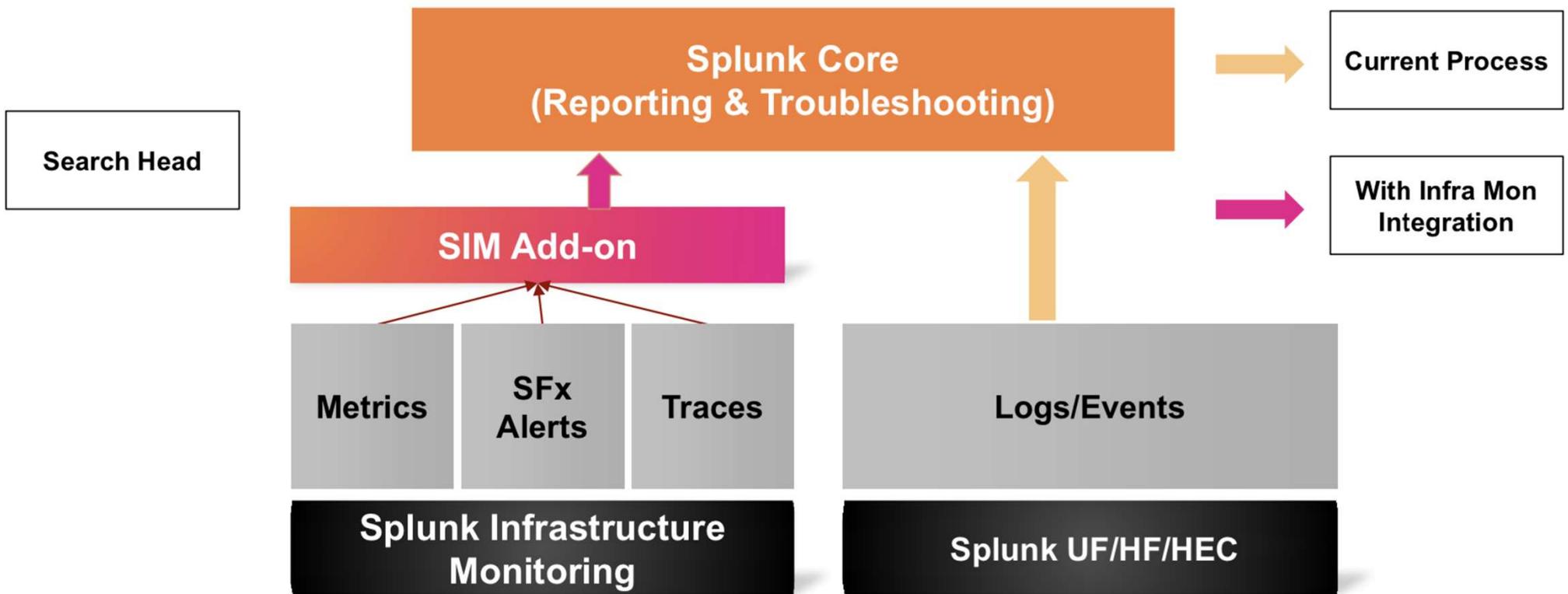
**Faster MTTD
and MTTR**

Splunk Infrastructure Monitoring Add-On

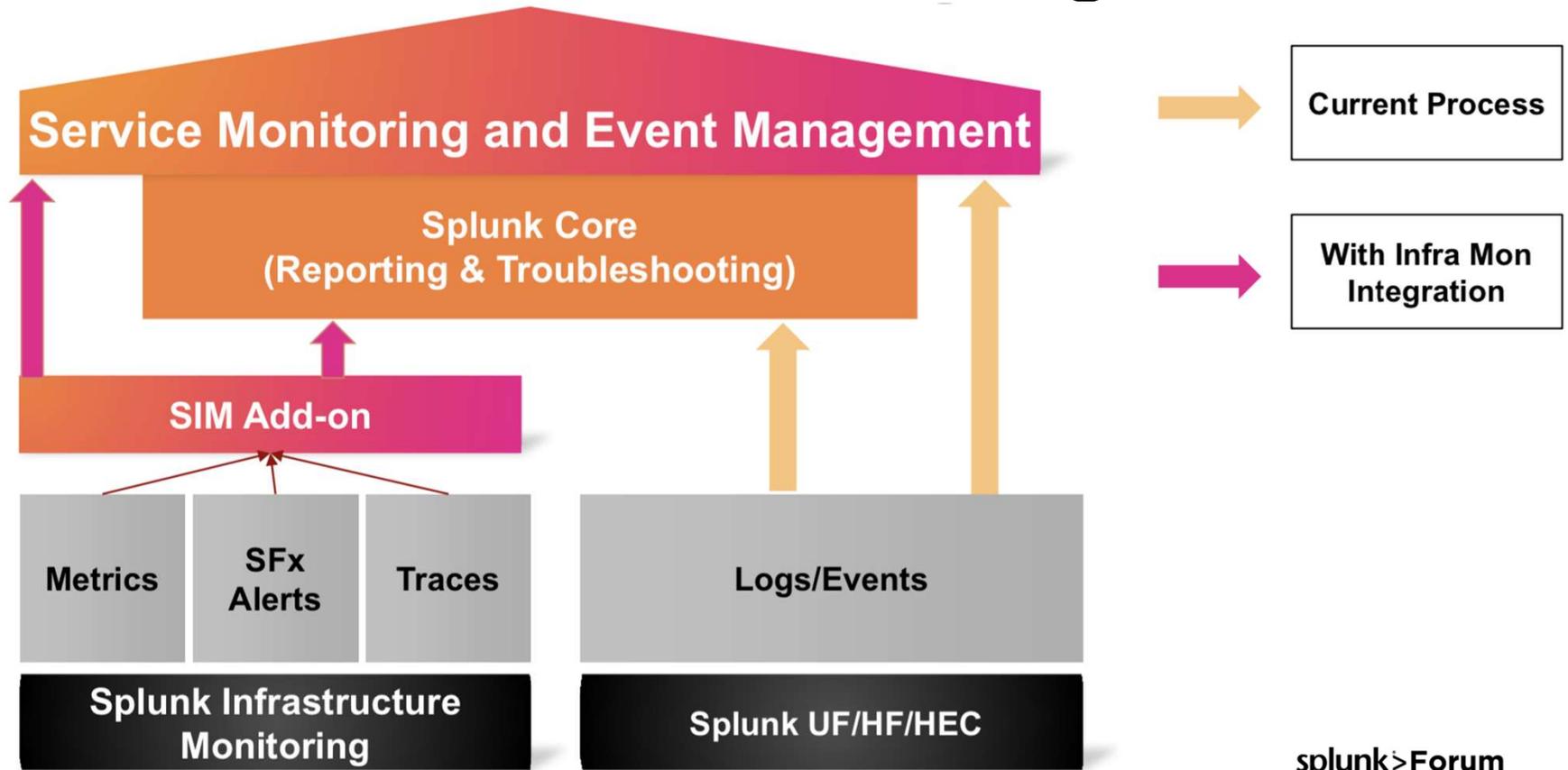
- 클라우드/하이브리드 클라우드 환경의 복잡한 인프라 문제 해결
- AI/ML directed investigation and monitoring
- Faster MTTD and MTTR



Splunk Infrastructure Monitoring Add-on



Splunk Infrastructure Monitoring Add-on



Announcing

Splunk IT Essentials

**Prioritized
Use Cases**

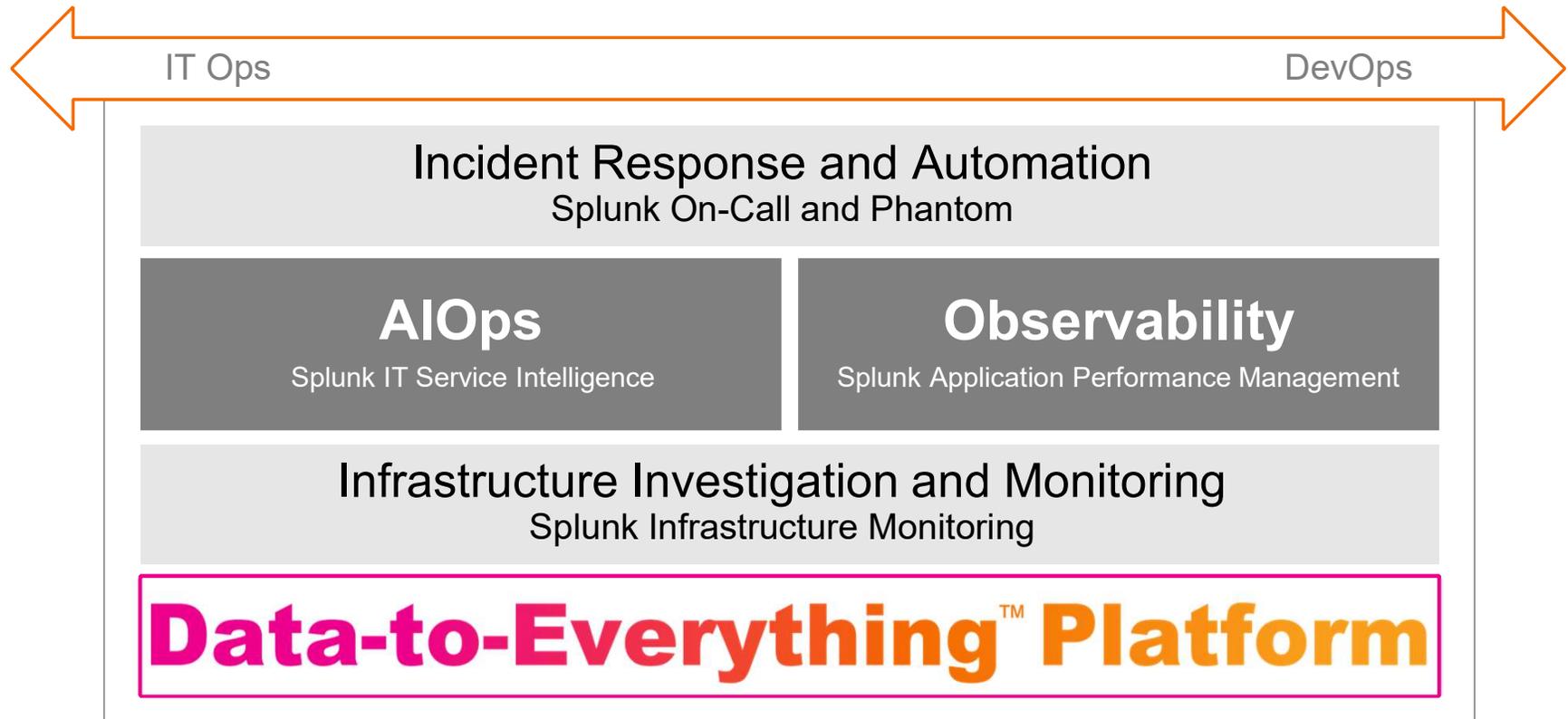
**Step-by-Step SPL
Search Guidance**

**Track Your
Learning Progress**

DEMO

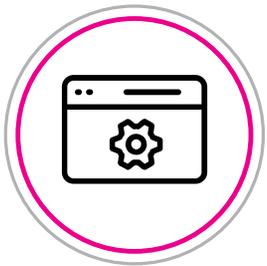
모니터링, 업저버빌리티, AIOps 를 위한 가장 종합적인 플랫폼

모든 어플리케이션, 클라우드/IDC/하이브리드 어디든, 모든 팀을 위한



빠른 스플링크의 가치 검증

**SaaS-based
Proof of Value**



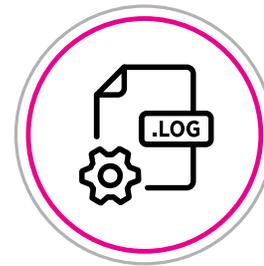
**Get Value In
< Two Weeks**



**Pre-Built
Use Cases**



**Bring Your
Own Data**



**Onboard
Quickly**



Splunk DevOps 프로모션

무료체험 이벤트!

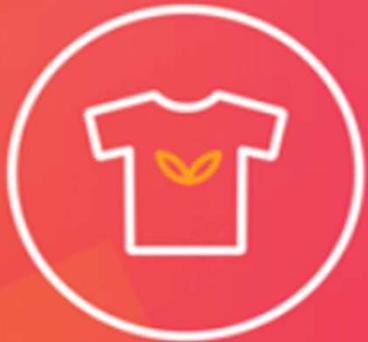
자! 이제 스플렁크 Observability(옵저버빌리티) 솔루션을
직접 사용해 보실 준비가 되셨나요?
1월 30일까지 **Splunk Observability Free Trial**을
설치하신 **선착순 50분께 피자**와 **음료 세트 교환권**을 드립니다.

- * 경쟁사 및 제휴 파트너사 제외됩니다.
- * 중복 당첨은 불가하며 경품 이미지는 실물과 다를 수 있습니다.



splunk>Forum

Splunk 설문 이벤트



설문 이벤트!

3개의 세션 중 1개 이상
참가 및 설문조사 완료시,
스플링크 티셔츠를 드립니다.



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감사합니다!