Find & Seek

Real-time Asset Discovery and Identity Attribution Using Splunk

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About Me

Who is this guy and what does he know?

Discovered Intelligence

www.DiscoveredIntelligence.ca

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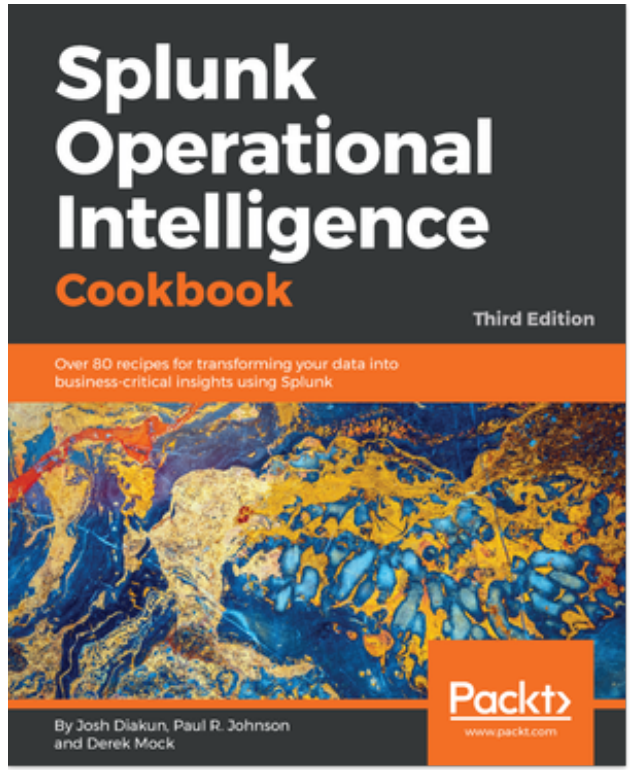
FORTUNE 100 CUSTOMER



Agenda

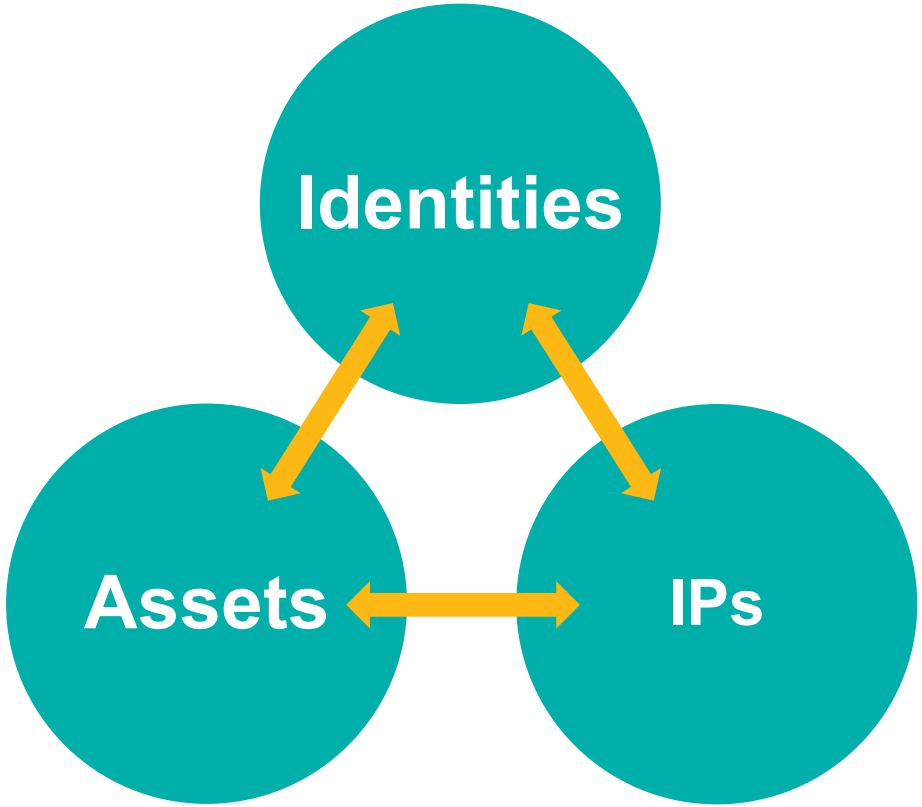
What are we going to talk about?

- Definitions
- The Asset Problem
- Taking a Different Approach
- Getting Started - Building a Simple Real-time Asset Inventory (+ demo)
- Going Further - Enriching the Data (+ demo)
- Going Even Further - Advanced Asset Intelligence (+ demo)
- Integration with Splunk ES (+ demo)
- Key Takeaways
- Q&A

Definitions

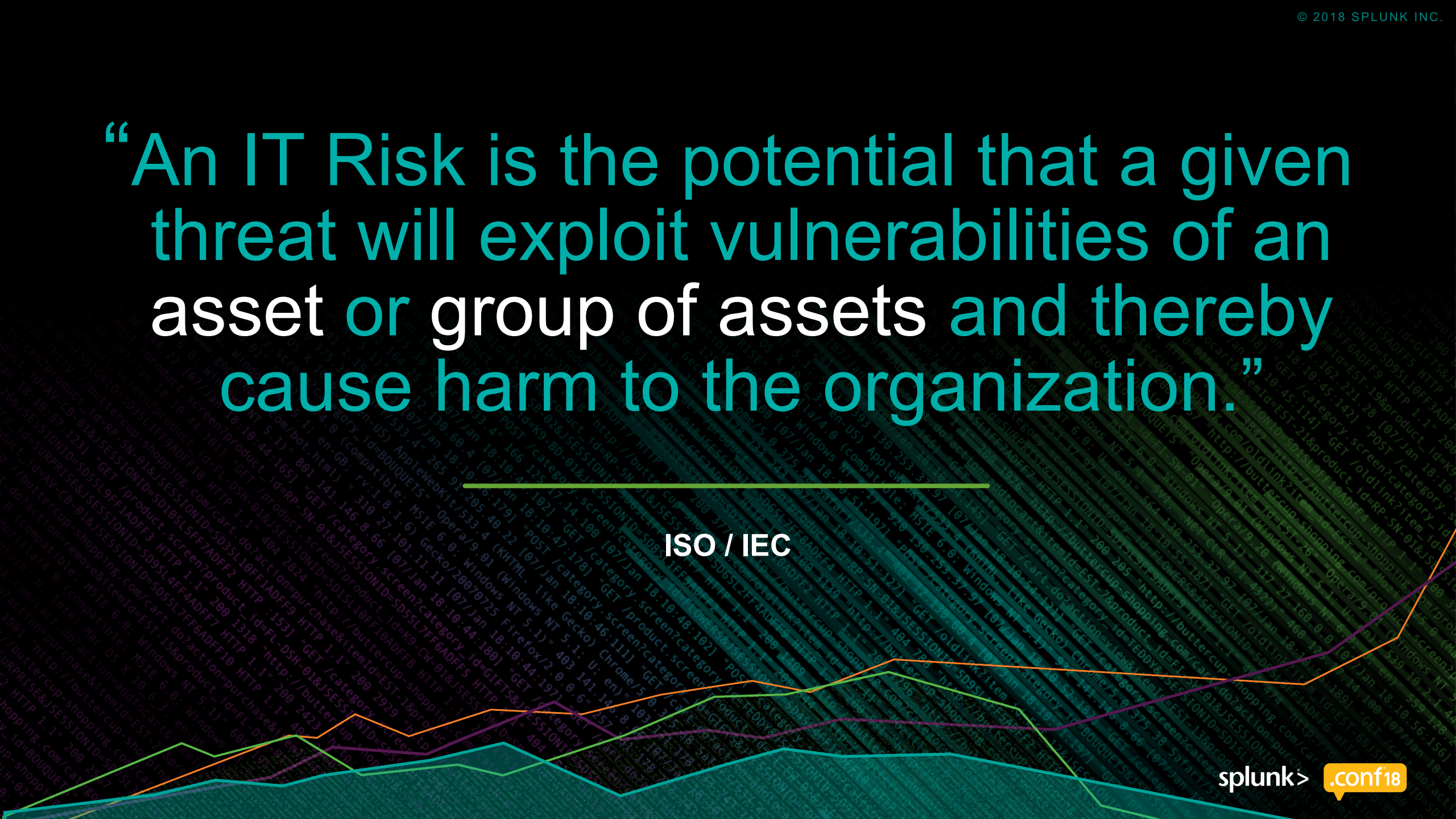
What does he mean?

- Asset
- Asset related data
- Identity
- Attribution
- Real-time
- Unmanaged



"An IT Risk is the potential that a given threat will exploit vulnerabilities of an asset or group of assets and thereby cause harm to the organization."

ISO / IEC



The Asset Problem

What's wrong with the way we do it today?

- Operational focus
- Stale
- Incomplete or inaccurate
- Multiple sources of record
- BYOD and IoT

"In big corporate networks, up to 20% of the entire network is unmanaged"

Gartner

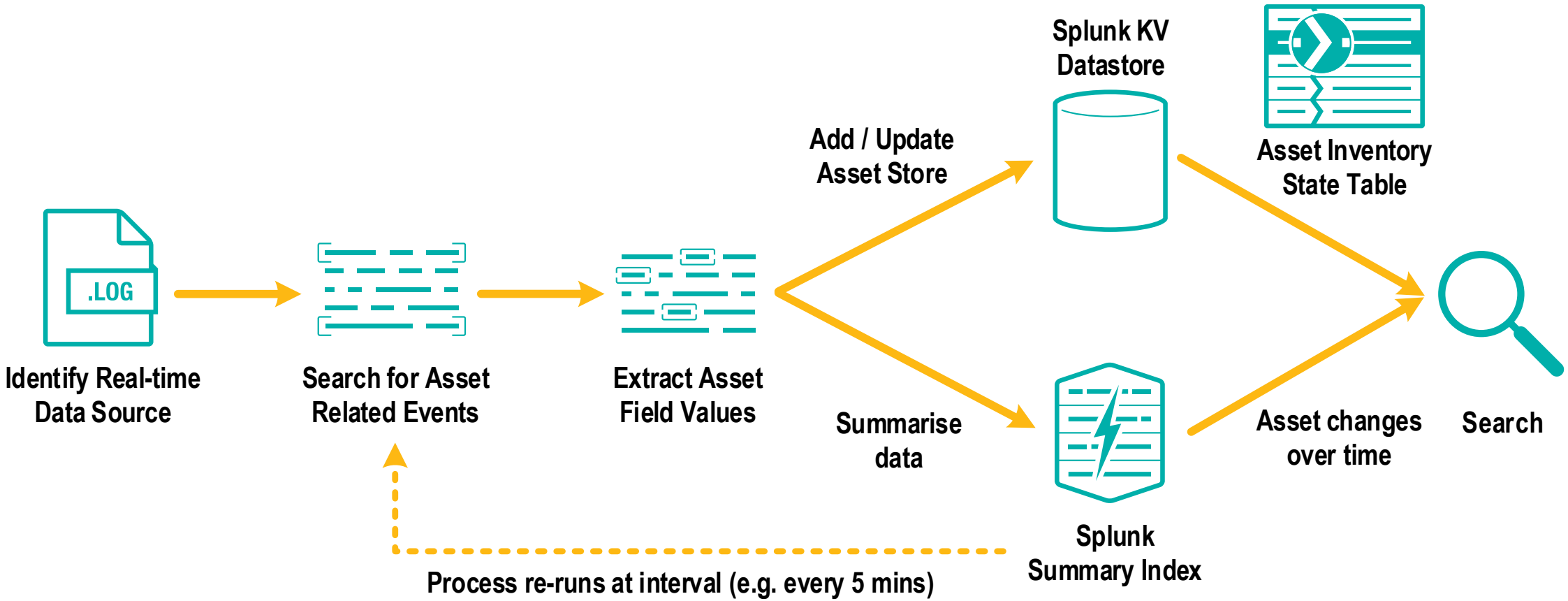
Taking Different Approach

What can we do differently?

- Leverage real-time data
- Correlate and enrich
- Track changes over time
- Apply data driven intelligence
- Increase accuracy and visibility

Building a Simple Real-time Asset Inventory

How do we get started?



Splunk Demo

Building a Simple Real-time Asset Inventory

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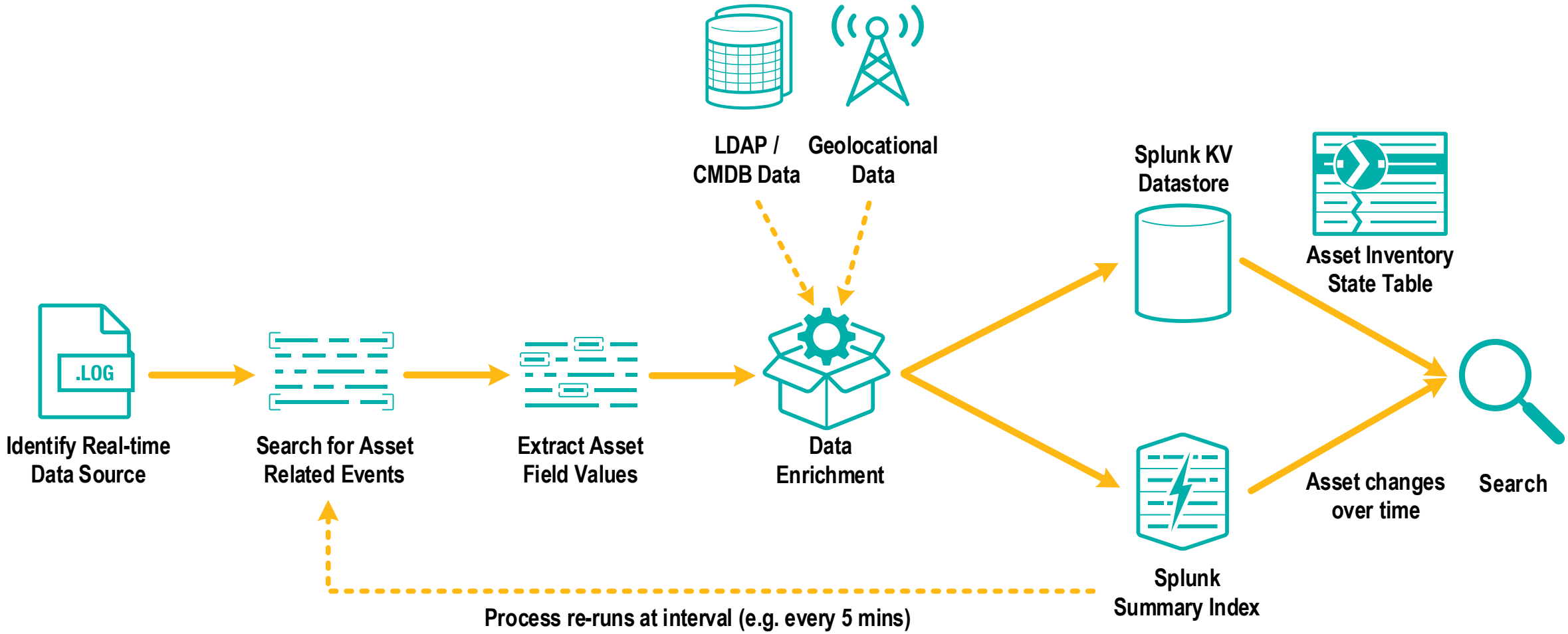
Enriching the Data

Go further by adding things we know



Splunk Demo

Enriching the data

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Advanced Asset Intelligence

Go even further by applying advanced data driven intelligence

Correlate Multiple Sources

Perform Security Investigations

Raw Event Attribution Over Time

Applied Logic and Anomaly Detection

Compliance Driven Metrics

Splunk Demo

Advanced Asset Intelligence

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Integration with Splunk ES

Enrich and enhance Splunk ES and your notable events

Real-time
Asset Integration

Asset Based
Workflow Actions

Asset Intelligence
Driven Swimlanes

Splunk Demo

Integration with Splunk ES

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Success Story

Findings from a Fortune 500 company

- 10% Of workstations/servers unmanaged
- Over 5000 IoT devices
- 100s of unencrypted laptops
- Active ‘decommissioned’ servers
- Faster security incident response & investigations
- More accurate attribution in Splunk ES

Key Takeaways

What do I need to know?

1. Take a real-time data driven approach
2. Your event data is a key source of asset intelligence
3. Asset intelligence compliments asset management
4. This is not easy
5. Do it yourself or **AssetIntelligence.app**

Q&A

- Contact Me
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- Asset Intelligence
  - Simple Asset Tracker conf18.DiscoveredIntelligence.ca
  - Aura Asset Intelligence™ AssetIntelligence.app
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Thank You

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