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Splunk ITSI Creating Business Value

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Disclaimer

During the course of this presentation, we may make forward looking statements regarding future events or the expected performance 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 could differ materially. For important factors that may cause actual results to differ from those contained in our forward-looking statements, please review our filings with the SEC. 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, this presentation may not contain current or accurate information. We do not assume any obligation to update any forward looking statements we may make.

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 functionality described or to include any such feature or functionality in a future release.

Referenced customers for ITSI product participated in a limited release software program that included items at no charge.



AdvancedMD is a leading provider of cloud-based practice management (PM), electronic health records (EHR) and revenue cycle management (RCM) solutions focused on the independent physician practice market.

AdvancedMD: By the Numbers

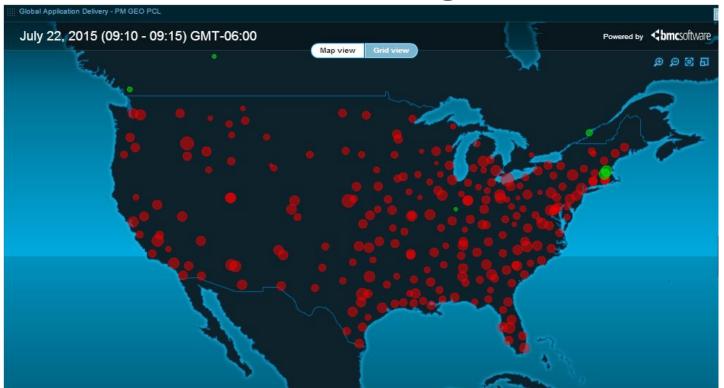
User Base	~ 79,000 Monthly, peak 15,000 daily concurrent
Patient Records	~ 75 Million HIPAA protected records
Servers	~ 625 Physical/virtual servers
Data Storage	~ 450 TB NetApp Storage
Databases	~ 1200 SQL databases, backed up hourly
Transactions/sec	~ 775/Second peak
Total transactions	~ 1 Billion PM/EHR transactions/month
Round Trip Response Time	~ 0.384 Seconds on average
Processing Time (server time)	~ 0.173 seconds on average
Claims Value	~ \$30 Billion/year

Complex Data flows

- Highly distributed architecture built on a private cloud infrastructure
- Hand off between subsystems, interfaces, databases,
 3rd party integrations
- Represent the primary purpose our clients use our products
- Assembly line processes



Monitoring



Kicking Tires

- Traditional I/T monitoring and triage
- Kick the tires on your sub-systems until you find the "flat"
- Process of elimination
- Typically driven by technology look at servers, network, storage, etc...
- Until you find what is broken



Splunk ITSI

- Allows modeling of business process into I/T monitoring
- You can see what processes are "most important"
- Not just technology
- Common language across the business to assess impacts
- Watch an entire complex data flow and it's assembly line in one screen

 AdvancedMD claims flow process – represents ~ \$30B/yr to our clients... it's a pretty important process

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Managing IT Ops with Splunk ITSI

Tyler Germer

Director – Info. Technology, AdvancedMD

splunk>

Operations Team Charter

- Managing our data center, production server, infrastructure
- Patching our online medical applications
- Reduce client impacting incidents
- Ensure application uptime
- Work with support teams on customer issues



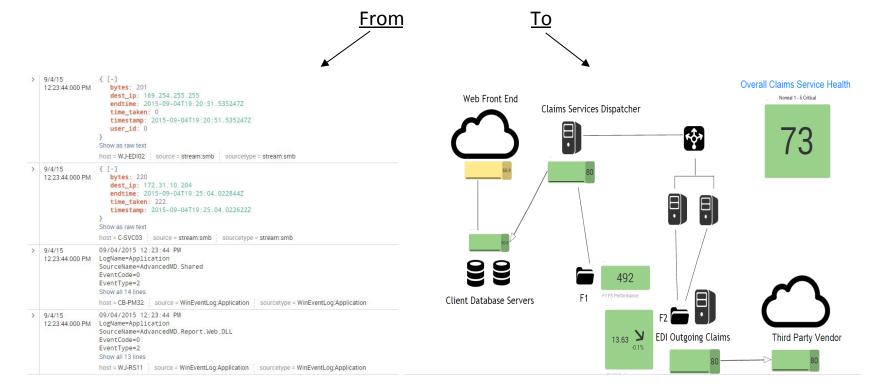
AdvancedMD Splunk EcoSystem



The Problem: The Data Trail ...

- Native Splunk Enterprise data at your fingertips
- Which data/what questions/what thresholds?
- It's all about the 'flow'
- Splunk ITSI takes care of the guess work

Simplify



Operations Made Easy

- Better high level visibility of ALL data flows
- Quicker TTR
- Better client experience
- Bigger client retention

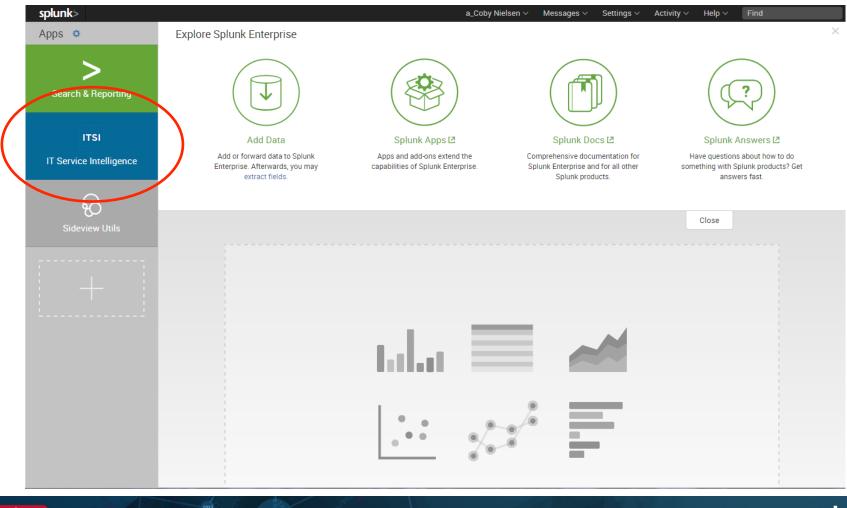
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Implementing Splunk ITSI

Coby Nielsen

Manager – Platform Applications, AdvancedMD





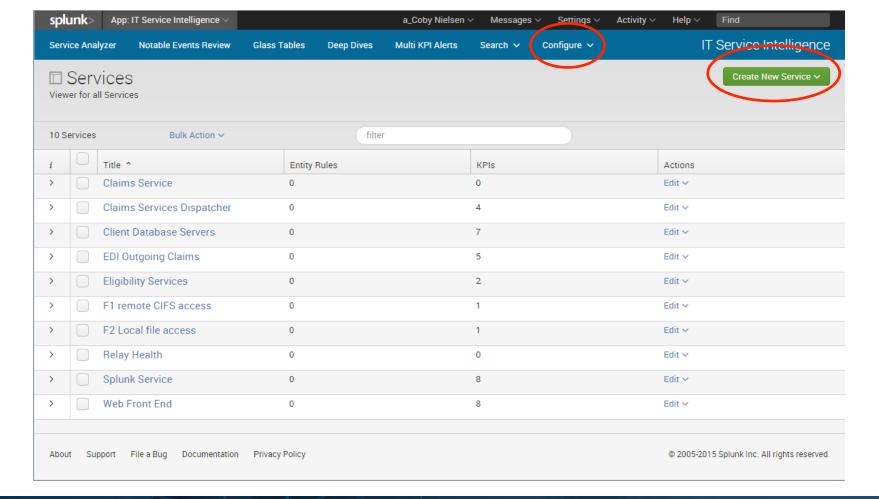
Opening page

Contains a view of services and KPIs that have been created

Quick overview of any issues within IT Service intelligence

1 0 2 0 27 30 Total indexing_thruput_average... indexing_thruput_stopped indexing thruput instanta. active historical searches SVC07-mem used Splunk Service Splunk Service 19 55.2 Web Response Successes Service Dispatchers Idle T., SVC07-CPU_used DB Servers Disk Pct Free DB Servers Idle Time 85.6 466 5.05 13.9 queue_fill_ratios_logs Service Dispatchers Disk Client Database Batch Re.. EDI Servers Idle Time EDI Servers Used Memory $0.41 \, \text{m}$ 15.6 96.2 65 Error 500 Web Response Time DB Query Response time Web Response Errors Service Dispatchers Disk ... 104 39.6 EDI Servers Disk Pct Free PM Servers Disk Pct Free PM Servers Used Memory EDI Servers Disk GB Free PM Servers Idle Time 69 13.6

Top 30 KPIs 🌣



Key Performance Indicators

