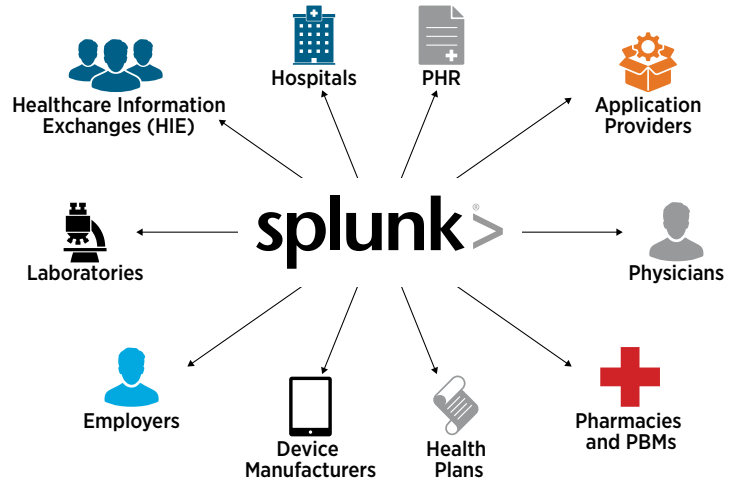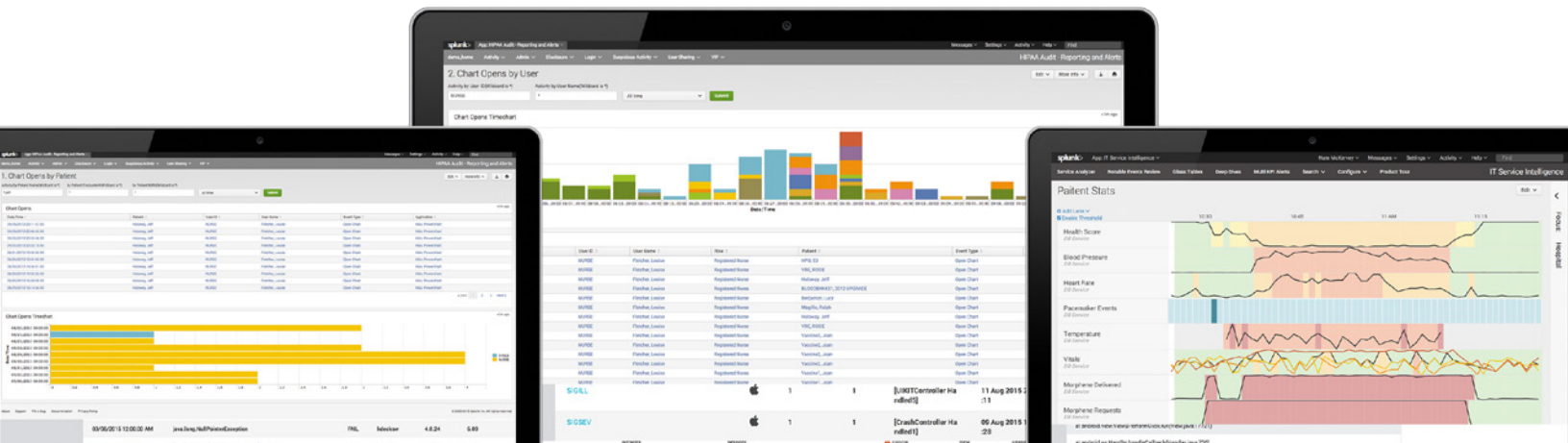# SPLUNK® FOR HEALTHCARE

Improve compliance and patient privacy using the power of machine data

- **Improve uptime** of online services and patient portals
- **Protect patient records** and proactively prevent security breaches
- **Streamline audits** and demonstrate regulatory compliance
- **Gain actionable operational and business insights** from machine data

Healthcare Information Exchanges (HIE)

Hospitals

PHR

Application Providers

Laboratories

splunk>

Physicians

Employers

Device Manufacturers

Health Plans

Pharmacies and PBMs

If you're in healthcare IT, you've got a lot on your mind. Your organization needs interoperability of its data, especially to meet new regulations like Meaningful Use, HITECH and HIPAA. You're also working out ways to improve patient outcomes, and protect records from security breaches and unauthorized access. That—in addition to reducing costs, providing online and mobile data access, and improving healthcare delivery—is a tall order. How can you achieve this? By tapping into insights residing in data from across the continuum of care.

To help you meet these goals, Splunk software provides real-time insight and understanding into your organization's machine data. It enables you to analyze, visualize and monitor machine data from any source—including electronic health record (EHR) systems and connected medical devices—to monitor complex application environments, streamline audit functions and reduce risks and costs, on-premises and in the cloud. With real-time insights into SLAs, infrastructure performance, and user access to electronic protection healthcare information (ePHI), you can improve processes, plan resource capacity and build a more informed, agile IT department.

Performance Monitoring	Security	Compliance	Fraud	Improved Patient Outcomes

Splunk for Healthcare

Performance Monitoring

Analyze data from IT infrastructure, servers and custom applications that enable the Healthcare Information Exchange (HIE) platform. Get real-time visibility into these distributed processes, so you can know when a specific process is down or running slowly. Then locate the details and take corrective action to address the problem, avoiding potential SLA infractions. Improve uptime for the services you offer and help deliver better information access and experience to patients, payors and providers.

Security

Gather data from all data sources to identify breach or leak incidents concerning ePHI. Then take proactive measures and respond in real time to security breaches or unauthorized access attempts to ensure privacy of patient information. These protective measures help demonstrate compliance with HIPAA and other requirements, and reduce your risk of exposure to damaging lawsuits, fines or loss of patient good will.

Compliance

Address privacy monitoring and compliance requirements by taking advantage of an existing effective cybersecurity response infrastructure. Seek out areas of non-compliance and create an environment where feedback from the compliance program is used to improve the security posture of your organization and create additional workflow efficiencies.

Fraud

Monitor for fraud patterns in claims by correlating with past profiles, internal and external fraud knowledgebase, and external data on caregivers of patients. Detect and prevent fraud and errors by scanning through data sets in real time.

Improved Patient Outcomes

Facilitate real-time data exchanges from devices, RTLS systems, telehealth/home health systems, and applications to the central hub. Potential anomalies can be detected so clinicians can make decisions based on current data. Use these correlated data sets to address bottlenecks in patient flow and enable resource forecasting.

Customers like Middlesex Hospital, Cerner and iRhythm rely on Splunk products to improve security, increase efficiencies, make data-driven decisions and gain tactical and strategic advantages. **Learn more.**

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