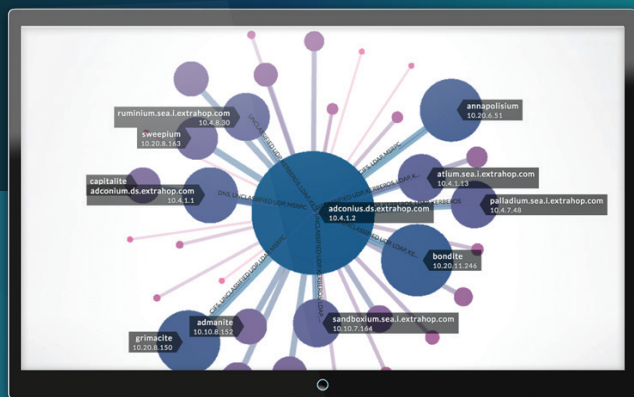# ExtraHop + Cerner™

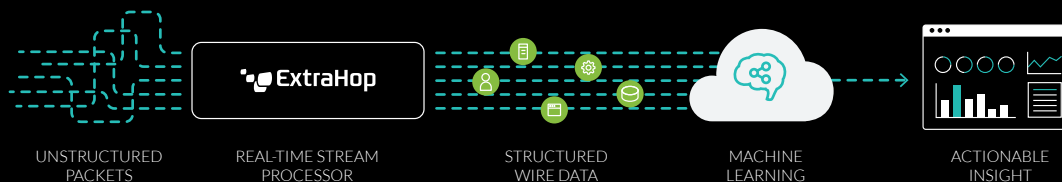## REAL-TIME ANALYTICS FOR HEALTHCARE

See in real time and down to the transaction level exactly what's happening across your healthcare IT and clinical systems. This visibility isn't just nice to have, it is a must-have to keep your IT environment healthy so caregivers spend less time staring at screens and more time interacting with patients.

HEALTHCARE IT: MOVING FROM VOLUME TO VALUE

Healthcare is transforming, promoting the digitization of the patient experience so that patient care is consistent across the broader healthcare network. With this digitization comes the need to create, monitor and manage data-driven clinical workflows. This has forced many healthcare organizations to realize the explicit interdependence between IT performance and quality patient outcomes. The challenge is that healthcare system complexity has been exacerbated by different regulatory challenges, end-user demands, outdated infrastructure and processes, increasingly sophisticated cybersecurity threats, and competition for IT talent. The winners in this landscape will be those who develop a sustainable business model focused on lower costs and better outcomes. Cerner and ExtraHop can help IT health organizations prepare for this shift by keeping their systems online and providing the quality care their patients expect.

CERNER & EXTRAHOP: HOW IT WORKS

Cerner's Network Assurance offering helps their customers to be more efficient, more effective and deliver a safer environment to their patients with a healthy network and a strong security posture. ExtraHop provides healthcare organizations with visibility into their clinical communications and data- flows, ensuring clinical workflows are optimized for performance and security. Together, the added visibility and control provided by ExtraHop combined with Cerner Network Assurance allows healthcare organizations to rest assured that their environments are performing well and security is under control.
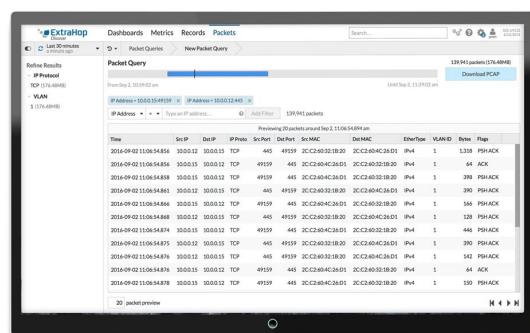
UNSTRUCTURED PACKETS	REAL-TIME STREAM PROCESSOR	STRUCTURED WIRE DATA	MACHINE LEARNING	ACTIONABLE INSIGHT

- ‣ Discover all applications and infrastructure automatically
- ‣ Quickly locate performance bottlenecks
- ‣ Map all dependent systems to reduce risk of service disruption

- ‣ Assure security- and privacy-compliant communication between HL7 interfaces
- ‣ Monitor VDI performance, EHR applications, and both hosted and SaaS applications
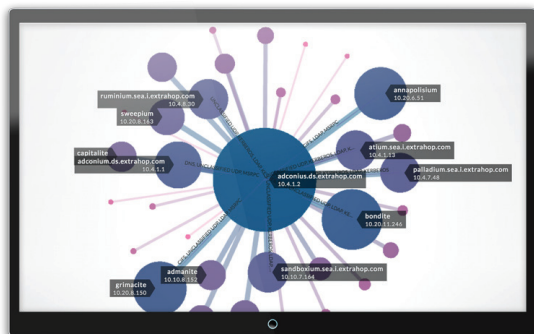
COMPLETE VISIBILITY

See everything so you can fear nothing. ExtraHop and Cerner give you the ability to graphically map out the communications and data flows among all assets across your organization. See in real time all of your medical devices, applications, user devices and even non-managed personal devices to gain insight into how your clinical workflows are performing and being utilized.

▸ Auto-discovery and classification of IT assets for a complete view (Apps, IoT, BYOD, etc…)

▸ Cross-tier visibility with application fluency for context

▸ Holistic monitoring across Cloud, on-premise, and hybrid environments

REAL-TIME RESPONSE

Act quickly to keep your patient focused workflows operating efficiently without issues. ExtraHop's analytics-first workflow takes you from issue to associated packet in a matter of clicks, saving hours of troubleshooting time and enabling real-time insights and rapid threat responses.

▸ Machine learning automatically surfaces performance and security anomalies

▸ Open and extensible platform so you can automate workflows

▸ Seamless drill-down from detected event to details needed for forensic investigation

Try our fully interactive online demo to explore the ExtraHop platform yourself, or follow guided tours that include the following scenarios:

▸ Ransomware Detection

▸ LDAP Login Failures

▸ Database Transaction Errors

▸ User Experience Monitoring

▸ Slow Citrix Logon Times

▸ Security Threat Detection

▸ Risk Assessment

▸ Auto-Discover IT Assets

For more information about the Cerner and ExtraHop partnership, please visit: www.extrahop.com/company/tech-partners/cerner- health/

ABOUT EXTRAHOP NETWORKS

ExtraHop is the global leader in real-time wire data analytics. The ExtraHop platform analyzes all L2-L7 communications, including full bidirectional transactional payloads. This provides the correlated, cross- tier visibility essential for today's complex and dynamic IT environments. The ExtraHop platform scales up to 40 Gbps, require no agents, and delivers value immediately upon deployment.

ExtraHop

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