ORDR

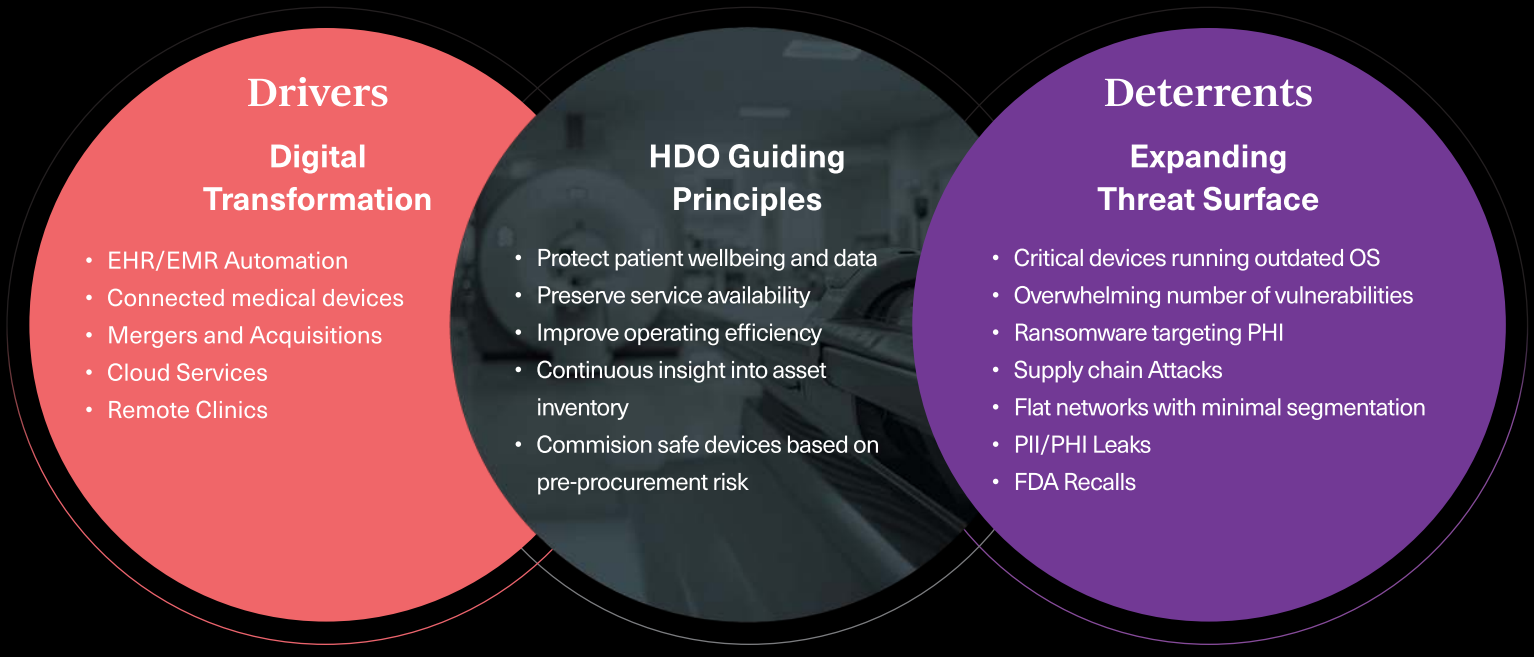
TECHNICAL BRIEF

ORDR for Healthcare: A Smarter Approach to Device Security, No Matter the Asset

Hospital-Wide Protection With AI-Powered Asset Intelligence and Precise Remediation and Microsegmentation.

Connected medical devices are transforming healthcare, but they also introduce significant security risks. Hospitals rely on infusion pumps, imaging systems, EKG machines, HVAC controls, and other IoMT, IoT, OT, and IT assets to operate efficiently, yet many remain unmanaged and vulnerable. Traditional security tools fail to provide complete asset visibility, leaving 42% of devices undetected (Rise of the Machines Report 2024). This blind spot increases the risk of unauthorized data flows, cyber threats, and operational disruptions that put patient safety at risk.

State of HDO



The ORDR Solution: AI-Powered Asset Intelligence and Effortless Microsegmentation

ORDR's 'whole hospital' approach gives healthcare organizations complete visibility and control over all connected assets, from critical medical devices to IT systems. Built on years of asset intelligence, our AI-driven platform enhances efficiency, automates security workflows, and simplifies segmentation to reduce risk. With an open, scalable design, Ordr empowers IT, security, and HTM teams to secure their environments with minimal disruption.

Key Advantages

Precision Intelligence

AI-driven insights provide real-time, accurate device identification.

Instant Visibility

Sensorless deployment for fast, accurate device discovery, delivering real-time risk insights.

Seamless Scalability

Adapts effortlessly across environments, integrating with IT, security, and networking tools for unified protection.

Add Benefits Across Your HDO

A Single Source of Truth for Healthcare Technology Management

ORDR equips healthcare technology management (HTM) teams with real-time insights into medical devices, vulnerabilities, and threats.

By integrating with CMMS systems, ORDR streamlines asset tracking, simplifies patching, and enhances inventory accuracy to improve patient care and operational efficiency.

Streamlined Risk Management for Cybersecurity

ORDR continuously monitors assets, detecting vulnerabilities and mitigating risks before they escalate.

It protects against internal and external threats, including pre-procurement risks, by delivering real-time visibility, actionable intelligence, and LLM-powered analytics to accelerate risk assessment and remediation.

Seamless Policy Enforcement for Networking

ORDR simplifies network segmentation by dynamically enforcing policies that protect critical systems.

Seamless integration with leading firewall and NAC vendors enables proactive segmentation and rapid isolation, ensuring healthcare networks remain secure without disrupting operations.

Key Use Cases and Benefits

Comprehensive Asset Intelligence

- **Automated asset discovery** eliminates blind spots across IoMT, IoT, OT, IT, and SaaS environments.
- **Detailed asset mapping** visualizes device connections, data flows, and network interactions for real-time risk clarity.
- **Integrated intelligence** unifies asset inventory and risk management across devices, users, software, networks, and cloud environments.
- **CMMS and CMDB integration** streamlines asset tracking and cross-team collaboration.

Threat Detection, Response, and Incident Management

- **Real-time monitoring** and AI-driven analytics detect unauthorized activity and emerging threats before they escal...
- **Automated alerts and response actions** enable rapid containment, quarantine, and remediation.
- **Deep asset context enriches ITSM, SIEM,** and security workflows for faster incident resolution.
- **Seamless integration** with security operations ensures immediate response and threat mitigation.

> *It's eye opening when you put something like ORDR on your network. It has improved our incident response capabilities.*
>
> **Jay Bhatt**
> *CISO*
>
> Franciscan ALLIANCE

Real-Time Vulnerability and Risk Management

- **Prioritized risk assessments** reduce security blind spots with clinical, operational, and business context.
- **Customizable risk scoring** ensures vulnerabilities are addressed based on impact and urgency.
- **Automated workflows** assign remediation tasks to the right owners for faster resolution.
- **Pre-procurement assessments** ensure only secure devices are deployed.

Security Control and Compliance Gap Analysis

- **Automated compliance reporting** streamlines HIPAA, FDA, and NIST adherence.
- **Industry security feeds** compare assets against CARECERT, ICSA-ICS-CERT, and manufacturer vulnerability databases.
- **Security assessments** flag weak ciphers, default passwords, and non-trustworthy certificates.

Device Utilization and Optimization

- Usage insights optimize asset allocation and operational efficiency.
- Proactive maintenance scheduling prevents failures and maximizes uptime.
- Capital investment optimization ensures resources are allocated based on real-time utilization data.
- Scalable inventory management supports patient surge situations efficiently.

Zero Trust Segmentation and NAC Acceleration

- Dynamic Zero Trust enforcement limits device communications to their baseline behavior.
- Seamless NAC integration with Cisco ISE, Aruba ClearPass, and FortiNAC automates policy enforcement.
- Microsegmentation for patient-critical systems isolates vulnerable or high-risk assets without disrupting operations.

> *The power of the ORDR platform has always been its ability to automate device classification and behavioral modeling using AI. This is foundational to our Zero Trust and segmentation strategy.*

Larry Smith
Deputy Chief Information, Security Officer

El Camino Health

About Us

ORDR is the leader in AI-powered asset risk and exposure management, trusted by top organizations across healthcare, pharmaceuticals, manufacturing, and financial services. With insights from over 100 million asset types, ORDR's platform empowers security teams to identify their biggest risks and take swift, effective action. From maintaining security hygiene to real-time threat detection and protection using microsegmentation, ORDR makes action not just possible but automated and simple — bringing ORDR to chaos.

ORDR is backed by top investors including Wing Venture Capital, Ten Eleven Ventures, Battery Ventures, Mayo Clinic Ventures, and Kaiser Permanente Ventures. For more information, visit www.ordr.net and follow ORDR on X and LinkedIn.

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