ORDR

The ORDR AI Protect Platform

Segmentation Topology Explorer

Understand your network layout. Identify risk. Improve segmentation with confidence.

Rethinking Segmentation in the Age of Headless and Agentless Devices

As organizations adopt more headless and agentless devices across critical infrastructure, traditional segmentation strategies are being pushed to the limit. These devices — from medical systems to building controls — often can't be patched or monitored like standard IT endpoints. The result: networks with vulnerable devices intermingled with general-purpose endpoints, increasing lateral movement risk and complicating Zero Trust implementation.

Segmentation is no longer just a design principle — it's a security imperative.

But before enforcing policies, you need to see what's really happening across your network. That starts with understanding your VLAN topology.

The Role of the Segmentation Topology Explorer

The **Segmentation Topology Explorer** is a practical tool within the ORDR AI Protect platform that provides real-time visibility into how devices are distributed across VLANs, subnets, and physical locations. It helps security and network teams:

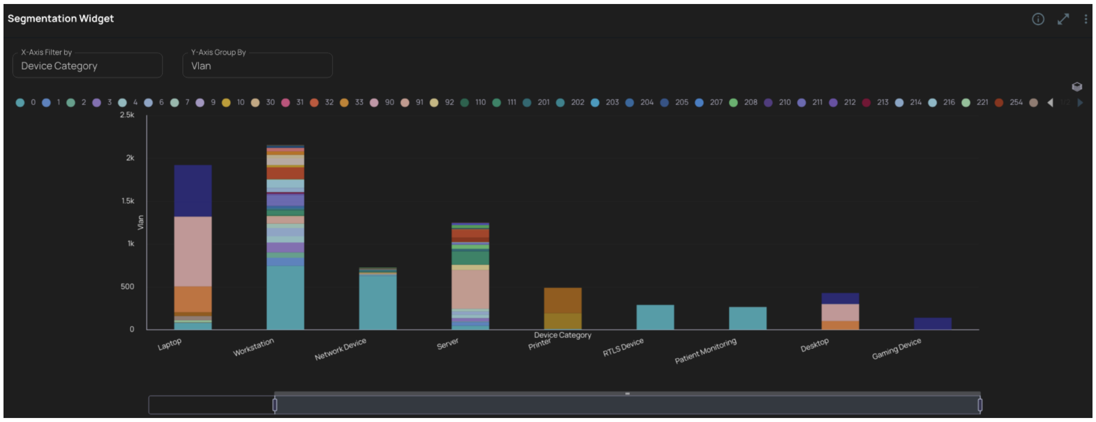
- Validate network design and identify segmentation gaps
- Pinpoint critical devices that may be co-located with standard endpoints
- Assess the risk of lateral movement within shared VLANs
- Understand device-to-VLAN relationships across all sites

By mapping the second layer of the network stack, the Explorer becomes a foundation for smarter segmentation and Zero Trust initiatives.

Core Capabilities

- **Interactive VLAN and Subnet Mapping**
  Browse by VLAN, subnet, and site to see exactly how devices are grouped — and whether those groupings make sense.
- **Device Context and Grouping**
  View devices by group, category, or profile to see how medical, IoT, shadow IT, and managed devices are distributed across VLANs.
- **Exposure Analysis**
  Identify whether critical infrastructure is placed in flat networks alongside unmanaged or user endpoints.
- **Shadow IoT Pattern Recognition**
  Surface proliferation of unmanaged and agentless devices that may introduce risk.
- **Remediation Shortcuts**
  Initiate ticketing workflows, reassign VLANs, or adjust device attributes — right from the Explorer.

Visual Insights

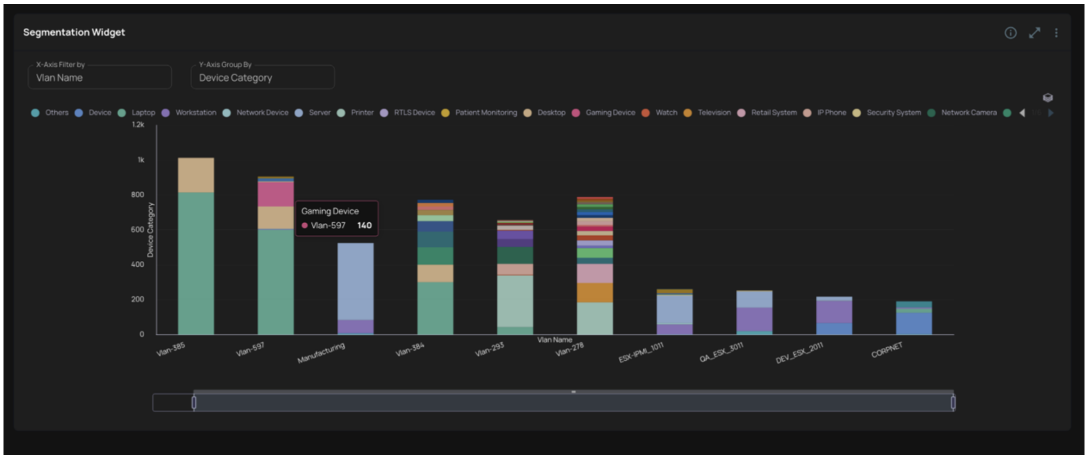


Segmentation Widget

X-Axis Filter by: Device Category

Y-Axis Group By: Vlan

Quickly spot at-risk VLANs where unmanaged or critical devices may be commingled — a common root cause of lateral movement exposure.

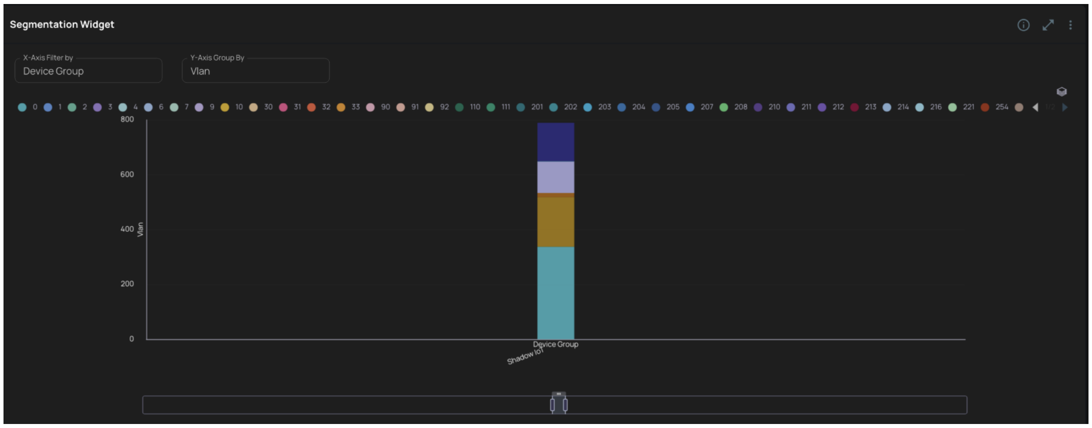


Segmentation Widget

X-Axis Filter by: Vlan Name

Y-Axis Group By: Device Category

Validate whether your segmentation design reflects actual device use — ensuring VLAN policies align with real-world infrastructure.



Segmentation Widget

X-Axis Filter by: Device Group

Y-Axis Group By: Vlan

Uncover device groups that span multiple VLANs, helping identify policy gaps or inconsistencies across *locations*.

Practical Questions It Helps Answer

These are the kinds of questions that often come up when reviewing segmentation posture or preparing to implement Zero Trust policies. The Explorer helps bring quick answers to the surface:

- Which of my critical devices share VLANs with standard endpoints?
- Are my security cameras and other agentless devices segmented appropriately?
- Where are shadow IoT devices most concentrated?
- How consistent is VLAN usage across my distributed locations?
- How many devices are associated with VLAN X or subnet Y?

Built for Real-World Segmentation Challenges

Segmentation isn't just a policy — it's a moving target shaped by device sprawl, changing environments, and operational realities. The Explorer is designed to work with how teams operate today:

- **Supports remediation** via integrations with ITSM platforms and NAC/firewall vendors
- **Enables action**, not just visibility — assign tags, trigger workflows, or update policies in context
- **Used across dashboards** like Asset Insights, VLAN Distribution, and Medical VLAN Distribution
- **Scales across environments**, adapting to device population changes in real time

Why It Matters

Gaining visibility into VLAN topology isn't just about network hygiene — it's foundational to risk reduction, Zero Trust enforcement, and operational resilience. Whether you're reviewing segmentation posture, validating access policies, or preparing for an audit, ORDR's Segmentation Topology Explorer provides the clarity needed to act with confidence.

If you're aiming for practical segmentation — the kind that actually gets implemented — it starts here.

To learn more or see your own VLANs in action, reach out for a personalized walkthrough.

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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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Ready to bring ORDR to your chaos?

Request a demo