Enhanced Firewall Integration

Automatically Secure All Of Your Network Connected Devices

In the hyper-connected enterprise, everything from simple IoT devices to complex multi-million dollar systems are connected to the network. This vast expanse of network-connected devices effects and enhances everything with which we interact on a daily basis.

This proliferation of innovation, however, is happening at such a massive scale that traditional IT and Security practices simply cannot keep up. Each connected device represents a point of potential vulnerability within the enterprise network, and mitigating risk requires closed-loop security systems that allow automated policy generation and implementation through the firewall systems already in place.

ORDR SOLUTION PAPER

Closed-Loops Security With Firewalls You Already Have

At Ordr, we eliminate the complexity and anxiety of identifying, classifying, regulating and securing this vast and increasing quantity of network-connected devices. We deliver an agentless platform that is purpose-built to regulate and secure connected devices across the enterprise; the platform provides instant, granular device visibility and enables organizations to quickly and automatically identify, classify, regulate, and secure all network-connected devices through an elegantly simple and intuitive interface. And that interface seamlessly integrates with existing best-in-class firewall solutions to mitigate risk with a few simple clicks.

We also know that robust security policies aren't 'set-it-and-forget-it' as device adds, moves and changes occur on a regular basis, and threats of vulnerability exploitation occur regularly and persistently. The Ordr Systems Control Engine (SCE) continuously and relentlessly monitors activity across the entire network, instantly identifying and classifying any new devices or device behavior, assessing risk levels, and updating the visual dashboard on a real-time basis. Ordr never sleeps so you can.

Implement Enhanced Security Management Through Best-of-Breed Firewall Platforms in Four Ways

ZONE SEGMENTATION

Automatically silo device groups to regulate communication flows between network zones.

(i.e. Prevent manufacturing automation devices from access to Internet flows.)

PORT SEGMENTATION

Leverage the system's massive device intelligence to regulate and limit a device's specific port usage authorization.

(i.e. Allow an IP security camera only upstream access to an internal monitoring system.)

DEVICE TAG SEGMENTATION

Create device whitelists to authorize flows between specific device types, and create device blacklists to block all undesirable flows between devices.

(i.e. Only allow image servers to reach x-ray machines with Windows XP and not infected laptops spreading malware.)

PROTOCOL SEGMENTATION

Deep packet inspection of all network traffic enables the authorization of proprietary device protocols while blocking potentially damaging communication protocols.

(ie. Any device cannot "rlogin" to any other device or "ftp" transfer large amounts of data.)

Make Your Entire Infrastructure More Secure, More Efficient, and More Profitable

Identify and classify all of the devices connected to your network

Plug-and-play provisioning and an intuitive interface means that the Ordr SCE immediately and automatically begins finding, identifying and classifying all of your devices within minutes of installation. The platform uncovers detailed device information, including manufacturer, model, serial number, operating system, software version, among many other points of data. The interface presents this comprehensive inventory in a pictorial way, enabling at-a-glance monitoring and control. Importantly, the platform automatically and immediately identifies vulnerabilities and threats to each device and delivers an actionable risk score so IT can quickly find, prioritize and remedy the security deficiencies for all at-risk devices.

Big data analytics enable incredibly granular device intelligence

The Ordr SCE monitors every device conversation flow and creates a behavioral baseline for each, and utilizes sophisticated AI to automatically flag behavior anomalous to that device type. Additionally, this flow mapping allows administrators to quickly and easily identify inter-device relationships, as well as their conversation maps, that can be potentially problematic or which may represent nefarious communication intent. And with the detailed mass of data processed, institutions can significantly improve individual device utilization, positively affecting planning, budgeting, purchasing and placement.

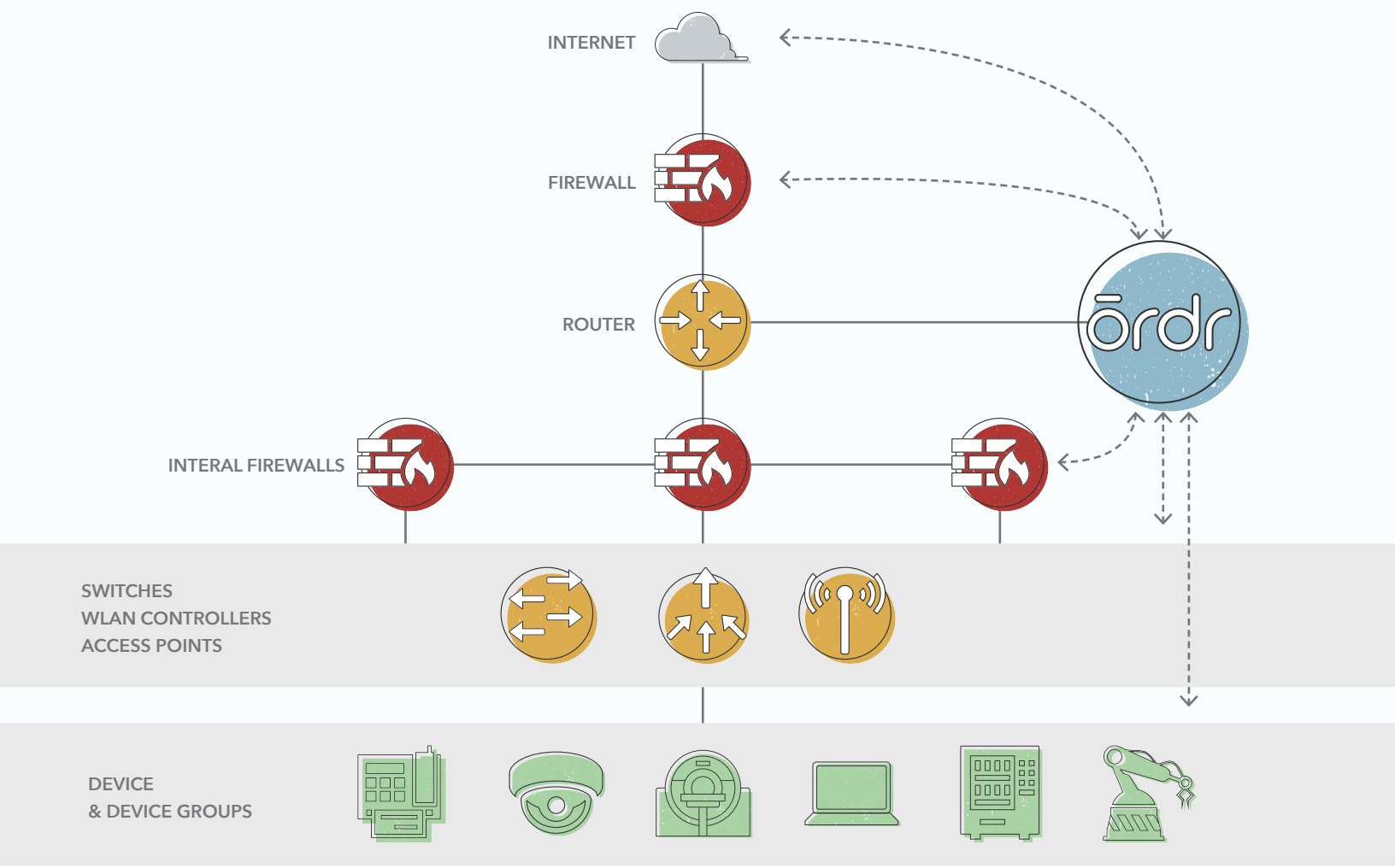
Massive intelligence enables unprecedented device-level security with a few mouse clicks

With the superhuman visibility and knowledge that the Ordr SCE delivers, significant risk and vulnerability mitigation is incredibly simple to achieve. Immediately identify and isolate all devices compromised by a security incident, and quickly remediate threats from a single pane. Implement microsegmentation policies to accurately isolate each device or device group with unique protection policies to have a fast, simple and efficient method to protect all at-risk devices and prevent unauthorized device flow relationships.

Utilize your existing network infrastructure to achieve iron-clad device security

The Ordr SCE combines a myriad of device and application intelligence with a vast and growing library of network infrastructure equipment expertise to automatically implement these precise controls to mitigate all security vulnerabilities, even lateral internal attacks. The system delivers detailed CLI commands to enact a new and more sophisticated domain of security policy management through existing network switches, wireless controllers, access points and firewalls.

FIREWALL INFRASTRUCTURE



Attaining a New Level of Visibility, Intelligence and Security

Ordr is the first and only company with a platform that simply and automatically identifies, classifies, regulates and secures network-connected devices across any size enterprise. With the power of the Ordr SCE, we reduce the complexity and anxiety that this growing class of smart devices represents, and the platform seamlessly integrates with existing best-in-class firewall solutions to mitigate potential risk with a few simple clicks. And reducing complexity and anxiety is something we can all appreciate.

But don't just take our word for it. Let Ordr show you how it can work in your environment today, and rest a little easier tomorrow.

ōrdr

take control.

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