

# Network Policy Management

Safely protect the privacy and availability of care

At a Glance

Healthcare networks are not like other networks. Some of the typical policies and responses to mitigate risks within IT networks can cause more harm than good in clinical settings. Unfortunately, the security infrastructure in place to protect the healthcare delivery organization's (HDO's) networks often lack the visibility and expertise to consider the clinical impact of policies and remediation actions. As a result, HDOs are forced to err on the side of caution and only implement basic levels of control or forgo them altogether. While not intentional, this lack of control leaves them exposed and vulnerable to sophisticated attacks. HDOs need to enforce clinically-vetted network policies that will effectively protect the privacy and availability of their operations without impacting care.

## Key benefits:

- Enhance the visibility of the security infrastructure
- Enforced clinically-vetted policies that are good for the business and patient care
- Reduce device risks and strengthen security posture

## Medigate's Network Policy Management

Medigate's Network Policy Management (NPM) module brings device details to an HDO's existing security infrastructure. NPM is aware of clinical workflows and understands how policies or remediation activities affect clinical devices. From this understanding, NPS offers recommendations for the HDO's security solutions to address device risks within HDO operations. With Medigate, HDOs can protect their devices via automated, network-centric policy orchestration and enforcement to reduce their risks and strengthen their overall security posture.

## How it Works

NPM integrates with leading security tools, feeding device details, and granular network security policy recommendations. Medigate has developed a deep understanding of clinical workflows, proprietary manufacturer protocols, and expected medical device behaviors to ensure that each device receives the security policy appropriate for it. When developing policies, HDOs can confidently implement procedures to reduce their risks and improve their security posture with the clinical context in mind.

With NPM, HDOs gain:

- **Network policy recommendations:** Out-of-the-box network security policy recommendations incorporate clinical context and integrate with leading security tools.
- **Dynamic network policies:** HDOs can dynamically assign network policies for clinical devices based on a user-defined device group, observed traffic, and contextualized recommendations.
- **Simulations of policy impact:** Understand how network policy changes affect an HDO's risk, generate alerts, and change device communications and operations before implementation.
- **Meaningful partner integrations:** Bi-directional communication brings the Medigate device data, attributes, and context to leading security tools.

## Conclusion

HDOs can't afford to implement security controls that impact their ability to operate or deliver patient care. Medigate has learned the unique languages of clinical devices and does not guess what they're saying through AI or Machine Learning. Instead, those techniques are used to deliver advanced insights from device data. With Medigate, the data available in all of your connected devices are unlocked, trusted, and the HDO can connect with confidence to accelerate their real-time healthcare initiatives to improve business and patient outcomes.



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