

# Cyber threat management for healthcare

Protect your patient data, prevent life-threatening downtime, and build your end-to-end security posture - through complete, hands-free Managed Detection and Response (MDR) services.

## Your challenge: stopping a new era of targeted attacks

- Cybercriminals target healthcare more than any other industry<sup>1</sup>.
- Ransomware attacks cost healthcare orgs an estimated \$21 Billion<sup>2</sup> - and threaten lives<sup>3</sup>.
- Healthcare orgs have minimal internal security staff due to limited resources<sup>4</sup>.

## Your solution: Atos MDR for healthcare cybersecurity

- Scalable security that stops high-volume attacks against large networks.
- Rapidly detects, contains, and stops attacks while keeping systems online.
- Gives you a complete security posture without building more internal security.

## MDR use cases for healthcare cybersecurity



### Stop targeted attacks

Secure your Personal Identifiable Information (PII) and patient data with 24/7 threat hunting, monitoring, detection, containment, and response.



### Avoid downtime

Keep your critical medical equipment available around the clock by detecting and containing threats in near-real-time.



### Protect your IoT devices

Monitor and secure all IoT and IOT and Internet of Medical Things (IoMT) devices connected to your network - no matter how many devices you deploy.



### Detect supply chain attacks

Detect low-footprint attacks in your pharma or medical device supply chain with our specialized use cases.



### Adapt to emerging threats

Proactively defend your network against vulnerabilities being exploited in the wild with timely threat intel.



### Build a 360 degree security posture

Continuously hunt for internal and external threats with complete, hands-free managed security services.

<sup>1</sup><https://www.hhs.gov/sites/default/files/2021-hph-cybersecurity-forecast.pdf>  
<sup>2</sup><https://www.hipaajournal.com/cost-2020-us-healthcare-ransomware-attacks-21bn/>  
<sup>3</sup><https://www.theverge.com/2021/9/27/22696097/hospital-ransomware-cyberattack-death-rates-patients>  
<sup>4</sup>[https://www.cisa.gov/sites/default/files/publications/202012220800\\_Graphic\\_Challenges\\_to\\_Healthcare.pdf](https://www.cisa.gov/sites/default/files/publications/202012220800_Graphic_Challenges_to_Healthcare.pdf)

# Stop attacks that target healthcare companies

Atos is the world's second-largest cybersecurity provider<sup>5</sup> and defends many leading healthcare organizations against targeted attacks. We tailor every component of our MDR service to stop the unique ways that cybercriminals exploit healthcare groups.

"Great team to work with. They listen and follow through. They work as an extension of our team and take the time to understand our roadmap and how it aligns to their services."

- [On Gartner Peer Insights](#)  
from Director Information Security of a Healthcare Company

## Atos MDR: end-to-end cybersecurity for healthcare

Our MDR service goes beyond legacy-managed security and protects you at every stage of an attack. We provide a full range of services, including threat intelligence, hunting, security monitoring, threat containment, and incident response.



### Multi-vector threat hunting and detection

We collect a range of telemetry — including cloud, endpoints, network, users, and logs — to stop a range of threats — including malware, data loss, lateral movement, and ransomware. detection, containment, and response.



### Auto-containment and full-service response

When we find a threat, we automatically stop the attack's spread, manually validate threats, and create and execute a detailed incident response plan to evict the attackers.



### Customized security strategy and execution

We use our deep industry experience, global expertise, and 15 SOC teams to uncover your specific security needs and develop unique strategies and tactics that perfectly fit your organization.

## Industry-leading AI - tailored to healthcare

We power our MDR service with our next-generation AI platform — Alsaac. With Alsaac, we leverage big data analytics and machine learning to detect and contain both known and unknown threats efficiently. Alsaac is highly flexible, and we can customize our ML algorithms and use cases to solve your unique problems.

## Real-world results: defending a leading healthcare organization

<b>Their challenge</b>	U.S.-based healthcare org needed to protect a sprawling network that included ten hospitals, 120 locations, and thousands of employees.
<b>Our solution</b>	Atos applied MDR across their entire network and worked with their internal teams to develop compliance-ready incident response plans.
<b>Their outcomes</b>	<ul style="list-style-type: none"><li>• Found existing threats in their network on day 1</li><li>• Defended against accidental, malicious link clicks</li><li>• Reduced security false positives by 85%</li><li>• Reduced Mean Time to Detect (MTTD) by over 90%</li><li>• Achieved and maintained perfect HIPAA compliance</li><li>• Integrated MDR into legacy security systems (View the full case study)</li></ul>

Read the full case study on our website: <https://atos.net/en/lp/leading-healthcare-firm-uncovers-existing-hidden-cyber-threats>

**Defend your healthcare organization with Atos MDR**  
Schedule your free, no obligation consultation today - [cybersecurity@atos.net](mailto:cybersecurity@atos.net)

<sup>5</sup>[https://atos.net/en/2021/press-release\\_2021\\_05\\_26/number-2-security-services-gartner](https://atos.net/en/2021/press-release_2021_05_26/number-2-security-services-gartner)

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