



LOGICALIS  
HEALTHCARE  
SOLUTIONS

# Logicalis security approach to EHR

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## An architectural approach

EHR is the most significant IT investment that your health system will make. It's beyond mission critical. And it's very complex. The only effective method for securing your EHR environment is a holistic, architectural approach that's manageable, adaptable, resilient and responsive.

Logicalis can help you build a comprehensive, cost-effective plan to secure your EHR IT environment. Our **EHR Security Architecture** leverages a rich heritage of nearly two decades of providing IT integration, services and innovation to support large-scale, high-availability and secure EHR implementations.

## A consultative approach

Logicalis takes a consultative approach to helping health systems like yours respond to security threats across the entire attack continuum.

We work with you to develop a comprehensive strategy using our EHR Security Architecture that can be implemented in phases. The end goal is a security platform that's effective, manageable and adaptable. So you can confront increasingly sophisticated threats with confidence.



## Our modular security capabilities

Our approach does not install agents or make configuration changes with respect to non-end user computing elements described in EHR's configuration guide. This ensures your security strategy makes no negative impact on your EHR infrastructure.

We offer modular security solutions that can be seamlessly integrated with your existing framework:

- Next-generation firewall
- Application visibility and control
- URL filtering by category and reputation
- Advanced malware protection
- Next-generation endpoint security
- Intrusion prevention systems
- Secure web gateways
- Email security
- Role-based network segmentation
- Network admission control
- Network-based anomaly detection
- Secure recursive DNS
- Security Information Event Management (SIEM)

These security tools and capabilities can also be comprehensively managed by our Managed Security Services Provider team. We provide remote infrastructure management or a fully monitored and managed security environment.

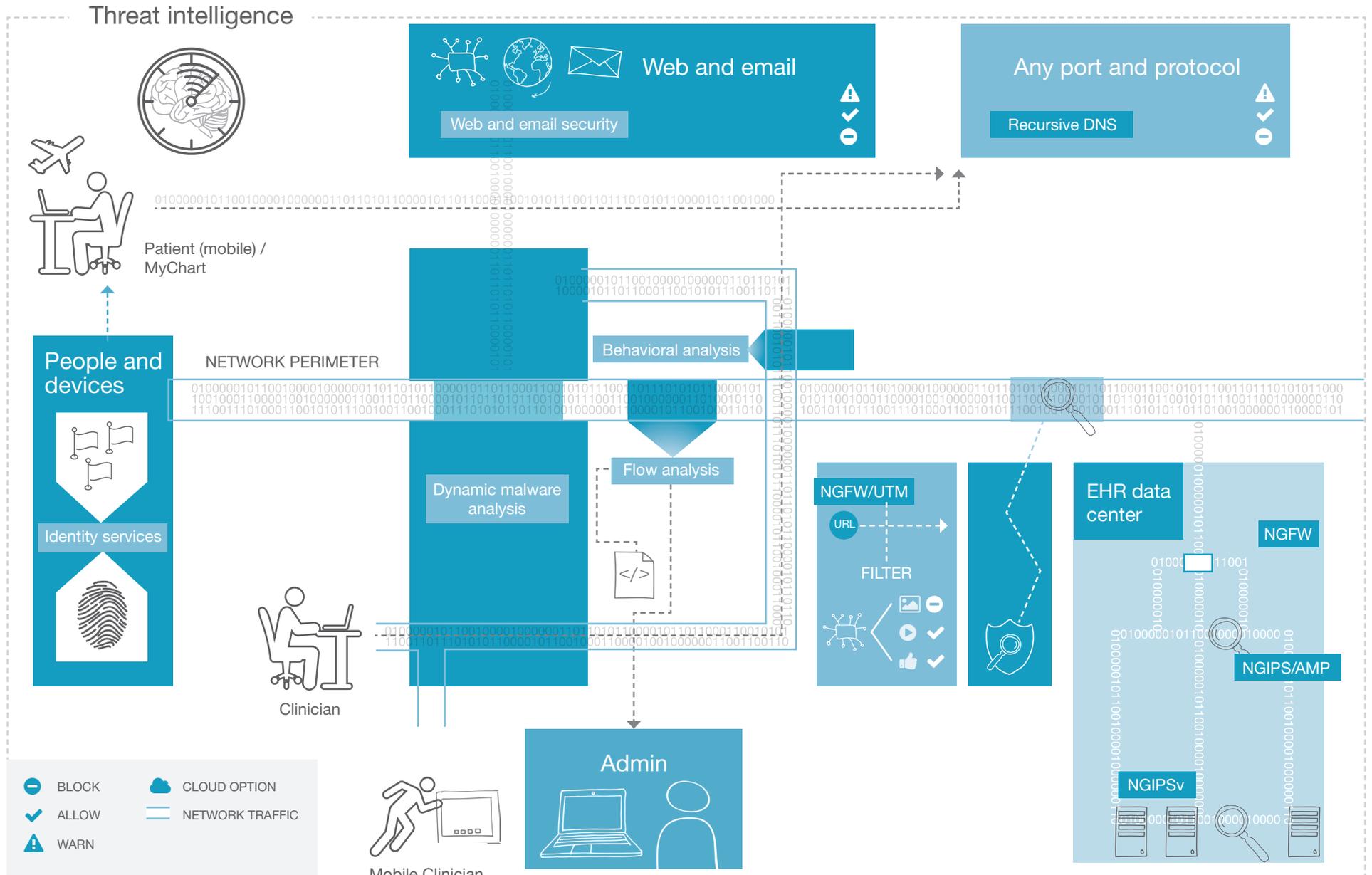


## Compliance with EHR guidelines

The IT infrastructures recommended in the EHR Hardware Configuration Guide (HCG) have a number of hardware and operating system choices (both in the data center and end-user areas, including mobile) that have undergone functional, performance and scalability testing by EHR. **We understand that deviating from the HCG recommendations or making alterations to specified areas is an unacceptable operational risk.**

That said, your EHR environment is also subject to HIPAA and other regulatory compliance. As well as threats such as ransomware. Meeting these cybersecurity and compliance needs can be a significant undertaking for your healthcare organization, and require the right security strategy to make it happen.

# Our approach addresses the full attack continuum



# Our experience and expertise

Security	Healthcare
<p>Logicalis has been providing a range of security services for customers for the last nine years: more than 55,000 end users across 13 countries. The dedicated team in the Security Operations Center supports customers around the world 24x7.</p> <p>The team has been working together for a number of years to deliver professional security expertise when customers need it, however customers need it, in a cost-effective manner. Our team's certifications include: CISSP, IEng, MIET, MBCS, CITP, QSTM, OSCP and many others.</p>	<p>As a HIPAA-compliant managed service provider to healthcare organizations for more than 15 years, we understand the special requirements for healthcare security.</p> <p>From HIPAA compliance requirements for annual security assessments and disaster recovery planning, to strategies for reducing risk through encryption, we are a trusted business associate and consulting partner in healthcare security.</p>

Let's discuss your EHR security challenges.

Contact your Logicalis representative to learn more.