

# Automating Cyber Risk Management and Audit Prep for Healthcare Organizations.

Healthcare and life sciences organizations were already undergoing digital transformations when COVID-19 measures propelled their efforts into overdrive. Now, telehealth, faster product development lifecycles, industry and technology partnerships, and a shifting regulatory landscape are layering new challenges on top of the cloud, IoT, AI, and automation initiatives already in progress. IT and compliance leaders need better ways to understand their security postures and face audits with confidence.

## The onslaught of threats is relentless.

Malicious actors of all types — criminal gangs, saboteurs, hacktivists, and nation-state actors — are deeply interested in healthcare and life sciences assets. Patient records are one of the most valuable types of stolen data available on the dark web, with individual records costing around five times as much as individual credit card data. Patient records contain more than information about medical matters—they contain PII that can be used to create “fullz,” which are complete sets of information about an individual that are used to make counterfeit passports, Social Security cards, and other official records. Healthcare organizations are also favorite targets for ransomware because they need to get back online as fast as possible or patients could suffer, so hackers expect these targets to pay up with less hesitation.

The life sciences industry is also the object of data theft and ransomware attacks, but intellectual property theft is its greatest threat. These businesses live and die on R&D and depend almost entirely on technology to manage research operations. Sophisticated criminal gangs and nation-state actors are extremely interested in gaining access to IP that costs its creators many millions and many years to develop. And not all risks relating to life sciences IP are insurable, so a business can suffer severe financial consequences beyond the sinking company valuation and bruised reputation that follow a breach.

**More than 20% of pharma companies have been attacked between 7 and 15 times.**

*-Deloitte*

## Endless resources are burned on audit prep.

Healthcare and life sciences organizations have to comply with over 629 regulatory requirements. On top of that, they are dealing with increasingly complex IT infrastructures and workloads that are always moving between cloud services and third parties. Keeping track of all the moving parts is time-consuming and difficult, and the documentation around these efforts is often incomplete or inaccurate.

Paragraph/ReqID	Provider Change	Title	Class	Revoked As	Use As	Approval Status	Maps To	Inherit	Providing Projects
6.17		Person or Entity Authentication (194.31205)	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Risk Analysis	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Risk Management	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Sanction Policy	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Information System Activity Review	Inherited	Inherited		1		Yes No	
14.0000		Implementation Specifications: Standard Assigned Security Responsibility	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Authorization and/or Supervision (Accesses)	Inherited	Inherited		1		Yes No	
10.2004	10.2004	Implementation Specifications: Workforce Clearance Procedure	Inherited	Inherited		1		Yes No	

Trying to take control of your security controls? Xacta's automated inheritance capability reduces time and effort for critical compliance activities up to 90%.

Documenting a dynamic environment requires visibility into network activity that many organizations have not yet achieved. Because they lack a unified view into the entire IT estate, they end up stitching together views from a multitude of systems and are left struggling to make sense of a smorgasbord of data. It's easy to overlook vulnerabilities when switching between consoles, spreadsheets, and emails, and it can be hard to know who is supposed to enforce policies and standards.

**Staff salaries account for 80% of healthcare compliance costs.**

*-American Hospital Association*

## Go Beyond the Checklist with Xacta

The most common root cause of all data breaches is misconfigurations due to human error, and the biggest drain on IT and security staff is audit preparation. You can take steps to mitigate both of these problems with **Xacta from Telos Corporation**, the cyber risk management and compliance solution that provides visibility, continuous auditing, and continuous vulnerability reporting.

When Xacta manages the security posture of your infrastructure and workloads around the clock through automated compliance and comprehensive reporting, your IT, security, and compliance teams can focus on meaningful strategic initiatives instead of spending their time ticking boxes off regulatory checklists.

### Xacta delivers these essential risk management and compliance capabilities.

**Pre-built frameworks for a faster start to protecting your IT environment.** Rather than having to build all framework processes and workflows from scratch, Xacta provides those functions out of the box. These customizable no-code templates can be easily tailored to your requirements instead of forcing you to adjust to its limitation as conventional GRC offerings do.

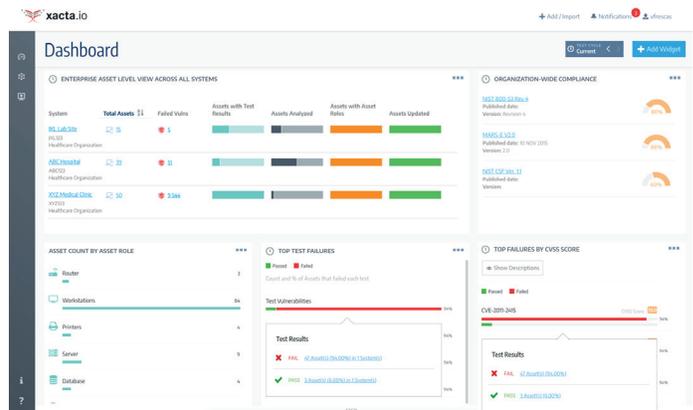
**Risk-based security management and automated control validation.** Xacta becomes part of the SOC dashboard and enables automated control validation by ingesting data from across the infrastructure and normalizing scan results from the security stack into a single view. Results are associated with actual systems, so a risk that is known to touch critical data can be addressed right away.

**Automatically aligns and maps overlapping security controls.** Healthcare organizations have to meet a broad range of security standards. Xacta's extensive policy library contains the security controls that most often apply to healthcare and life sciences organizations, including NIST 800-53, HIPAA, HITECH, PCI-DSS, and others. Its industry-unique Predictive Mapping™ capability crosswalks one standard to another for one-to-many mappings to reduce audit fatigue by enabling you to test once and comply with multiple standards.

**Continuous assessment to support continuous audit cycles.** Xacta automates the compliance processes that support today's continuous audit cycles. It maintains a centralized body of evidence that offers a single current source of truth with regard to cyber risk and compliance management in order to demonstrate a standard of due care. The same data can be used for real-time analysis

to support threat-informed risk decisions about the security of e-healthcare records, connected medical devices, and other critical assets.

**Manage cyber risk and compliance for complex IT environments.** Xacta can also continuously manage cyber risk and compliance of e-healthcare workloads and applications in on-prem, cloud, multi-cloud, and hybrid environments. This is especially important as organizations retain certain IT systems on prem and push other IT functions to different types of clouds (IaaS, PaaS, SaaS) as appropriate. Xacta gives you complete awareness of asset inventories, configurations, and vulnerabilities in these complex IT environments.



Xacta's dashboard puts all of your asset, vulnerability, and compliance data into a unified view for simplified analysis and remediation.

**Inheritance offers compliance synchronization with cloud providers.** Xacta accelerates cloud adoption for healthcare organizations by operationalizing shared security models and allowing cloud users to automatically inherit extensive security compliance information related to the cloud services that they use. This automated inheritance capability reduces time and effort for critical compliance activities up to 90% by some estimates.

### Xacta: Easing Your Compliance Burden and Improving Security Outcomes.

For more information about how Xacta can automate cyber risk management and compliance processes for your healthcare or life sciences organization, please contact us.



Solutions that **empower** and **protect** the enterprise.™