Medidata's Information Security Program

Security

Threat Analysis

Medidata's industry-leading Information Security Program provides a secure, stable, and scalable environment to successfully execute clinical trials. It is implemented across all Medidata's solutions using the most advanced security techniques available to protect against security incidents and privacy breaches. Encryption, malware protection, and data loss prevention are provided at the perimeter and platform levels. Multi-factor hardened systems, along with proprietary techniques, are continually tested and validated by independent parties. No matter the size of your organization or your study, the Information Security Program offers all of our customers the same protections and level of service.

Benefits of the Medidata Information Security Program

Medidata provides the most secured unified clinical platform in the Life Sciences industry, the Medidata Clinical Cloud®.

A First In Class Security Experience

Medidata was the first Life Sciences Organization to receive an ISO 27701 Certification and is the only life sciences organization to receive a SOC2+ Certification, issued by PricewaterhouseCoopers.

Comprehensive Third Party Risk Management

Dedicated processes to conduct risk assessments for third-party providers handling data on behalf of Medidata, ensuring that compliance and security measures are implemented.

Stability

An unmatched Security Program that maintains 99.99% uptime.

Scalability

The entire unified platform is protected using the same hardened security measures, regardless of the product utilized, the size of the customer, or phase of the clinical trial.

End-to-end Security

Encryption everywhere, data loss prevention, malware protection at both the platform level and the perimeter, multi-factor hardened systems, and proprietary techniques are tested continuously and validated regularly by independent testers.

Superior Data Encryption

All data, including PHI and PII, is stored and transmitted using AES-256, the latest and most sophisticated encryption algorithm.

Information Security Features

Security By Design

- All products are developed with a "Security By Design" approach
- Security protocols are built in at the design phase and are continuously developed and enhanced through the Software Development Lifecycle
- Product design process minimizes attack surface area and enables the principle of least privilege, restricting access to the Medidata Clinical Cloud to only necessary parties

A Full & Defined Security Stack

- Military-grade protection across the entire unified platform
- Layering industry gold standard ISO and SOC certifications and accreditations for unparalleled data protection
- Leveraging the most sophisticated techniques in the Information Security industry

Visibility into our Information Security Program

- Consistent third party assurance & testing
- Providing on-demand security insights and reports to Medidata customers
- Quarterly network vulnerability scan results
- Monthly IS infrastructure penetration testing results
- ISO 27001:2013 ISO 27018:2014, 27701: 2019 certifications and assessments
- SOC-2+ Type II Audit Report (conducted biannually by PricewaterhouseCoopers)
- Information Security White Paper - a detailed, cutting edge approach

The Medidata Advantage

Medidata's Information Security Program is not only the industry standard organizations should be held to, but it's also the backbone of the Unified Protection Strategy. The Unified Protection Strategy is a collective approach to maximizing and differentiating our security, privacy and quality efforts throughout our organization. Accounting for security protocols when implementing privacy and quality capabilities allows for a seamless and safe transfer of data and ensures regulatory compliance; all critical enablers to successful clinical trial execution.