



## Protecting data, enabling agility with ironclad security.

Merrill DatasiteOne empowers dealmakers and chief security officers to tackle a mounting challenge: secure sensitive data from the increasing threat of security breach without impeding the information sharing that powers digital deal management. The cloud-based DatasiteOne deal-making platform is built on a foundation of proactive security elements to keep your valuable, sensitive business data protected. We deliver robust capabilities to authorize, control and monitor access—all while enabling the efficient internal collaboration and seamless reviewer access that is critical to a deal's success.

### SECURITY POSTURE

Merrill's comprehensive security posture consists of three elements:

- 1 Advanced security technology across the development, testing and operational stages ensures your data room is secure now and in the future.
- 2 Aligning security functionality with industry best practices means your data room always contains the latest security capabilities and updates.
- 3 Rigorous implementation of security protocols plus ongoing re-certifications means your data room investment stays up to latest industry standards.

### HIGH-ASSURANCE AUTHENTICATION

DatasiteOne keeps project administrators in charge of access controls with an array of authentication and permission options, ensuring data security and deal control.

- + Two-factor authentication provides added assurance that only those to whom you grant access actually get into your deal.
- + Automatic and periodic password reset controls ensures user authentication stays current.
- + Permission management - both real time as well as staged - at the user, group and document levels. Project admins can also permission from mobile devices.

### APPLICATION & ARCHITECTURE SECURITY

Merrill designed the DatasiteOne architecture based on best-in-class practices for keeping customer projects secure by design:

- + Presentation layer, application processing and data management functions subject to logical abstraction reducing extra code and hacking probability.
- + Coding conducted using SANS and OWASP guidelines ensures that security is designed into DatasiteOne by our engineers from the start.
- + Vulnerability scanning and penetration testing of applications conducted at regular intervals keeps your project secure as outside threats change over time.

**\$3.86M**

AVERAGE COST OF  
DATA BREACH<sup>1</sup>

**7,700+**

VDR'S OPENED  
IN 2018

**24/7/365**

OMNICHANNEL  
SUPPORT

1: 2018 Cost of Data Breach study, IBM and Ponemon Institute study.



## DATA SECURITY

DatasiteOne utilizes the latest best practices in cloud security in order to keep your project secure:

- + User information, application data and logs are stored and maintained separately.
- + Passwords treated with cryptographic hash algorithms.
- + Customer supplied files encrypted at-rest with AES 256-bit encryption and backed up according to a pre-defined schedule.
- + In-transit data secured via Transport Layer Security (TLS) 1.2 protocol.
- + Events captured, analyzed and actioned in real time.
- + Customer files accessed only upon request and supported by documented access review and change management processes.
- + Upon project closure, project files are purged after 30 days.

Added functionality further secures your documents and data:

- + Uploaded documents are converted to formats compatible with our secure document viewer.
- + Document download protection is delivered through customized, secure watermarks.
- + Project access disclaimer content and frequency of acceptance by user, controlled by the Project Administrator.

## SYSTEMS, NETWORK & INFRASTRUCTURE SECURITY

Merrill DatasiteOne runs on top of Microsoft® Azure, leveraging Microsoft's industry-leading security investments. To take system and network security to a higher level, Merrill adds its own protocols for the added security required by dealmakers across the M&A value chain:

- + Endpoints protected with third-party security tools.
- + Infrastructure and application penetration test conducted at regular intervals using an industry-recognized third-party.
- + Vulnerability scans conducted and tracked regularly.
- + Perimeter defenses include reverse proxy and Microsoft's proactive multi-layer network.
- + US and EU data centers ensure that project files are hosted only in those source regions.

## HIGH AVAILABILITY

High availability is monitored 24/7 through our global support organization and by our service providers. Availability guarantees are outlined in our services agreement. Merrill is the only app for due diligence provider that enables access to a Systems Status Page where availability can be monitored by customers. This reassures dealmakers of the world class uptimes of DatasiteOne and enables visibility into scheduled maintenance windows.

## COMPLIANCE

- + Merrill complies with all applicable U.S. and international laws in its business conduct.
- + Project log files are retained under exchange record-keeping requirements.
- + EU-US Privacy Shield certified and GDPR compliant.

## MERRILL'S COMMITMENT TO IRONCLAD SECURITY

Merrill takes security seriously. Our dedicated security organization, headed by our Chief Information Officer, drives alignment across our organization for deep risk management and strong governance ensuring that our customers' current projects and future DatasiteOne applications stay secure.

- + Product offerings have been ISO 27001 certified since 2008.
- + SSAE 16 SOC 2 Type II attestation.
- + Our infrastructure provider is ISO 27001, SSAE 16 SOC 2 Type II and FedRAMP certified.
- + All Merrill staff are subject to mandatory annual security training, including acknowledgment and NDA.
- + Security incident response plan tested annually and includes external and internal notification, escalation procedures and communication criteria.
- + Disaster recovery plan tested at prescribed intervals to ensure compliance with self-imposed timeframes and quality objectives.

Merrill DatasiteOne, a market-leading SaaS due diligence platform, enables dealmakers around the world to focus on the deal, not the data room. Sophisticated analytics, ironclad security and world-class support make DatasiteOne the cloud-based virtual data room of choice for M&A and securities professionals in more than 170 countries.

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