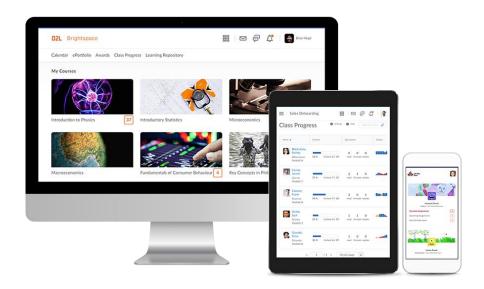


# Nothing is more important than the security and privacy of your data

At D2L, we take security and privacy very seriously. Our approach puts our clients' security and data confidentiality, availability and integrity first. Our process works, as is demonstrated by our track record of delivering reliable security to all our clients and is continuously being improved.



## LMS Security in the Brightspace Platform

#### **Access and Authentication**

The Brightspace platform supports Single Sign On (SSO) and integration with various authentication solutions, including Active Directory, LDAP, Kerberos, and CAS.

#### **Secure Transmission**

Client connection to the Brightspace platform is via TLS cryptographic protocols with RSA encryption, so client data is transferred securely.

#### **Application Security**

Code for the Brightspace application is developed and tested following principles set out in the Open Web Application Security Project (OWASP) Top Ten framework to help ensure the Brightspace platform is secure.

#### **Backup and Recovery**

System and client data are backed up on a regular basis using asynchronous encrypted data transfer to off-site storage to ensure that client services can be restored in the event of a disaster.

## **Environment Security**

Good security starts with a strong foundation. D2L partners with Amazon Web Services to provide a highly secure, durable, and available infrastructure for deploying our Brightspace platform. AWS is a global world leader in delivering laaS (Infrastructure-as-a-Service) solutions and, like D2L, demonstrates its compliance through a myriad of security and compliance certifications. https://aws.amazon.com/compliance/

## **Security Monitoring**

D2L uses an industry-leading Security Information and Event Management (SIEM) solution to collect, aggregate, and correlate millions of system events a day across D2L's infrastructure to provide monitoring teams with real-time insight into potential security events.

### Certifications

We take our responsibility to protect the confidentiality, availability and integrity of your data seriously, which is why we have ISO 27001:2013 Certification and SOC 2 Compliance.

ISO® 27001 is a security management standard that specifies security management best practices and comprehensive security controls following the ISO 27002 best practice guidance. This is a widely recognized international security standard. Certification in the standard requires us to:

- Systematically evaluate our information security risks, taking into account the impact of company threats and vulnerabilities.
- Design and implement a comprehensive suite of information security controls and other forms of risk management to address company and architecture security risks.
- Adopt an overarching management process to ensure that the information security controls meet our information security needs on an ongoing basis.

SOC 1/2°Type 2 is an auditing framework that evaluates the design and effectiveness of an organization's operational controls. These operational controls are procedures that:

- Describe how we manage the people, processes, and technology that help us deliver world class services to our clients.
- It considers practices such as how we manage access to our IT environments, how we deploy code into production, how we onboard new employees, and just about anything that could affect our ability to maintain the security, privacy, availability and performance of our customer offerings.

For more information visit www.d2l.com/security

#### ABOUT D2L

D2L is the software leader that makes the learning experience better. Our cloud-based platform—Brightspace—is easy, flexible, and smart. It helps educators personalize the experience for every learner to deliver real results. D2L is also a world leader in learning analytics: our platform predicts learner performance so that you can take action in real time to keep them on track. Brightspace is used by learners in higher education, K-12, and the enterprise

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