D2L

BRIGHTSPACE

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

Ontario's Virtual Learning Environment (VLE) is powered by D2L Brightspace.

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 it's continuously being improved.

LMS Security in Brightspace

ACCESS AND AUTHENTICATION

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

APPLICATION SECURITY

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

SECURE TRANSMISSION

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

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.
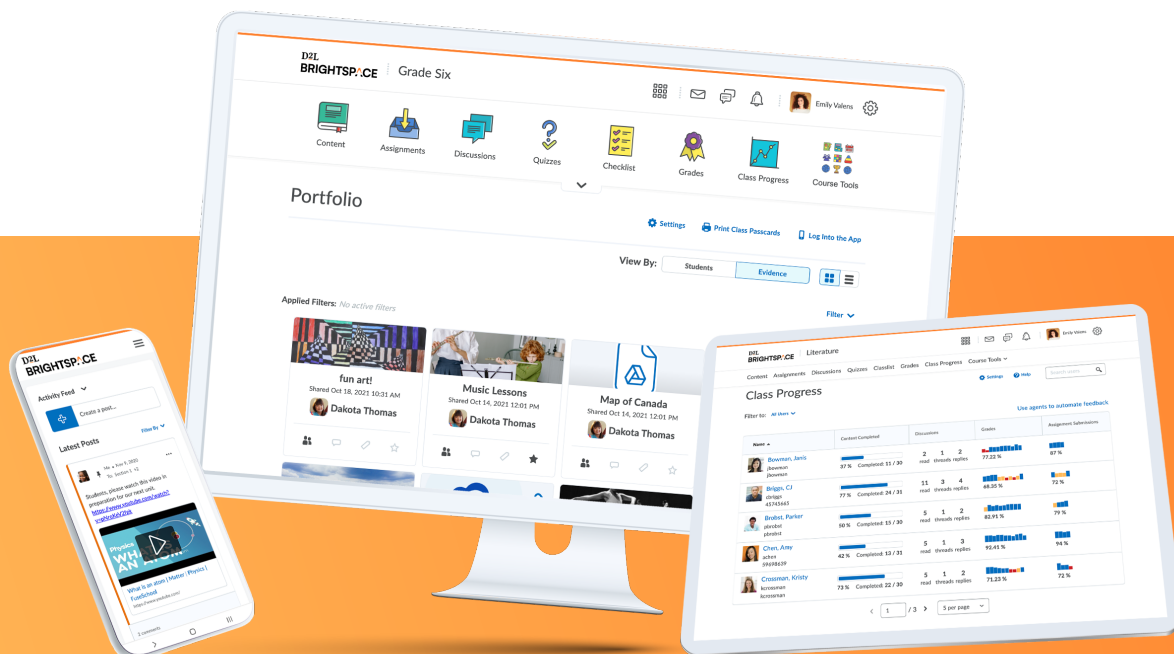
Environment Security

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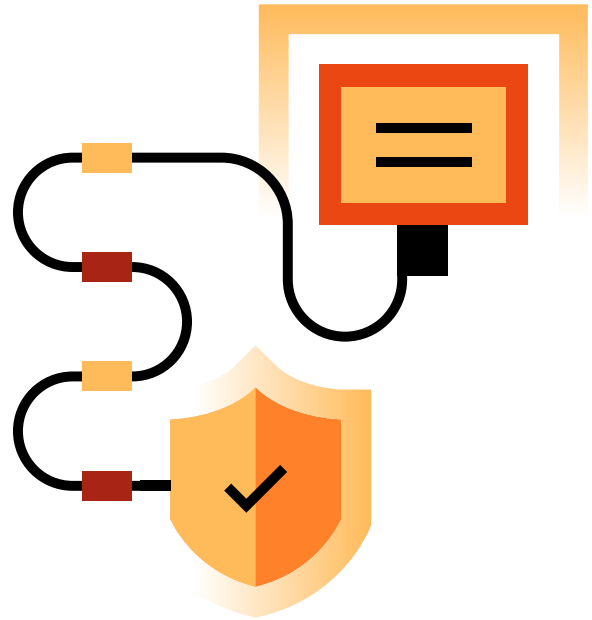
Security Monitoring

D2L collects, aggregates, and correlates millions of system events a day across D2L's infrastructure to provide monitoring teams with real-time insight to keep your data secure from 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. D2L has its own Security Management System of policies, procedures, and controls based on the ISO 27001 control framework, following ISO 27002 control best practices where applicable. This ensures that the full-service offering is compliant, not just the aspects governed by our hosting facilities.

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.

Further to this, our ISO 27018 certification confirms we have established commonly accepted control objectives, controls, and guidelines for implementing measures to protect Personally Identifiable Information (PII) in accordance with the privacy principles in ISO/IEC 29100 for the public cloud computing environment.

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.

- Consider 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 **D2L.com/security.**

D2L

Privacy

D2L will store Ministry and school board data as noted below or as may otherwise be agreed to between D2L and the Ministry. Where D2L uses a Ministry-approved third party to store Ministry data, D2L will remain fully responsible for such third party as between D2L and the Ministry. D2L will incorporate—or contain provisions similar, but in no event less restrictive, to—the relevant portions of the resulting agreement into its third-party agreements. The majority of your information will be hosted in Canada. When services in Canada are not available, we may leverage services in the U.S.

For transparency, nearly all Brightspace components are hosted in Canada. Components currently hosted in Canada include Brightspace Learning Environment, ePortfolio, Learning Repository, Capture™, Video Note™, and Insights™. Related hosting services such as replication to a secondary site (i.e., the failover site), backups, and storage are also all currently located in Canada for these components. Additionally, the Ministry-owned applications that D2L hosts are hosted in Canada.

About D2L

D2L is a global learning innovation company, reshaping the future of education and work. We're leading the way into a new era of personalized learning, driven by the belief that everyone deserves access to high-quality education, regardless of their age, ability or location. Our signature technology products—D2L Brightspace and D2L Wave—enhance the learning experience for millions of learners at every stage of life, from the earliest days of school to the working world. Learn more at **D2L.com**.

CONTACT US

Phone:	1-519-772-0325 (Worldwide)
Toll Free:	1-888-772-0325 (North America)
	0-808-234-4235 (United Kingdom and Europe)
	0-800-452-069 (New Zealand)
	1-800-656-210 (Australia)
	0-800-891-4507 (Brazil)
Fax:	1-519-772-0324
Email:	**Sales@D2L.com**
Facebook:	**facebook.com/D2LInc**
Twitter:	**@D2L**
Web:	**D2L.com**