

Idaho State Department of Education – Statewide Portal

The challenge

The Idaho State Department of Education (SDE) engaged Xtreme to develop and implement a statewide portal for collaborating, reporting, and distributing access to the Statewide Longitudinal Data System (“SLDS”). The system enables access to education reporting data for all Idaho public school students in a secure and consolidated manner and complies with applicable State and Federal statutes. The project’s vision was to provide education information and resources to all state and educational employees, district and school administrators, teachers, students, and parents – making the scope of this project very large, as well as requiring the creation of an identity management solution that encompassed a single sign-on, application integration, and collaboration that would work with a variety of technologies that the state and districts already maintained.

Making it happen

Xtreme worked in conjunction with SDE, the Idaho State Board of Education, and School District IT Directors to thoroughly envision and document the project requirements and technical standards. Xtreme devised a blended Federated and Non-Federated Identity Management architecture to support the maintenance of various user credentials. Using this approach we were able to simplify the navigation and the sign-in process for all accounts, while authenticating all users through the portal’s Active Directory Federated Services. The project also required managing technical resources who worked for Xtreme, the SDE, multiple Idaho school districts, the Idaho State Board of Education, contractors engaged by the SDE through three separate contract companies, as well as external software and hardware vendors.

Xtreme results

Xtreme led the requirements gathering and specification development process and was ultimately responsible for the completion of this two year development effort. The project was completed on time and has successfully transitioned to a support and enhancement phase. The project was built utilizing the MOSS 2007 Enterprise License (later updated), Microsoft Identity Lifecycle Manager 2007 (Windows Server 2003), Active Directory Federation Services, (Windows Server 2008 R1), and SQL Server 2008 Cluster. Custom webparts with custom SharePoint features were created for site authorization at the state, district, and school level. Additional custom .net web applications were created to manage single user creation and bulk user upload to ILM. HTML and CSS were used for the production of the master pages and templates.

Xtreme Teams :
Xtreme Results™

www.xtremeconsulting.com
designbuild@xtremeconsulting.com