

K12 Identity Based Collaborative Learning Solution

No Child Left Behind (NCLB) requires custom delivery of content and applications based on the individual needs of the student. In order to meet this requirement, schools are now faced with the challenge of implementing unique digital identities for students as well as personal and collaborative storage on the network. The Identity Based Collaborative Learning Solution allows the district to streamline the administration and management of personal and collaborative content for both faculty and students. The solution leverages Novell eDirectory, Novell File System Factory, IUAdmin web based technology and AuditLogin to securely deliver content to students and teachers based on their digital identity.

In addition, many teachers have begun using ePortfolio's in all curricular areas. ePortfolio's are useful as a support to new instructional approaches that emphasize the student's role in constructing knowledge and the teacher's role in promoting this process. For example, in Business Education instruction, ePortfolio's can function to illustrate the range of assignments, goals, and audiences for which a student produced presentation material. In addition, ePortfolio's can be a record of the activities undertaken over time in the development of these electronic assignments. They can also be used to support cooperative teaming by offering an opportunity for students to share and comment on each other's work. By leveraging the collaborative capabilities included with the solution, students develop the confidence and ability to work as a team in order to succeed in both school and the workplace.

Your school district will recognize the following benefits from this solution:

- Identity based personal storage allows you to provide students with managed disk space for their personal content and ePortfolio. A policy can be created to allow the students personal portfolio to automatically follow them through-out their lifecycle in school.
- Identity based class storage allows you to automatically create and manage storage based on course curricula.
- Identity based group storage allows you to provide teachers, principals, and administrators with the ability to easily collaborate, share content and integrate technology into the curricula.
- Automatic data migration of faculty and student data when they move between schools maintains their personal content and reduces the burden on IT resources
- Automatic content clean up allows you to reduce cost associated with deleting student storage after graduation and frees valuable disk space for new users
- The Resource Portal provides students and faculty web based access to content and resources from any web browser, inside or outside the school district.
- The solution allows faculty and students to send web-links to files stored on the network instead of attaching the actual files. This eliminates the need to send file attachments within the districts actual e-mail application.
- Directory-based content policies determine the amount and location of teacher and student personal and group content, providing you the ability to reduce management cost
- Self service capabilities allow teachers and students the ability to manage their network id and reset their own password, saving the IT help desk cost.
- The web based help desk tool allows the district to delegate help desk assignments based on school location or group objects in eDirectory, again reducing management cost and freeing up valuable time.
- The auditing capability provides reports and graphs of student login and logout activity as well as file access rights on the network.
- The ability to implement the solution into existing networks keeps hardware and implementation costs low, allowing more time to focus on training the teachers and students on how to use the solution.