

AFFORDABLE SOLUTIONS FOR IDENTITY & ACCESS MANAGEMENT IN **EDUCATION**

THE PROCESS OF MANAGING STUDENT USER ACCOUNTS CONTINUES TO INCREASE IN COMPLEXITY. DEPENDING UPON THE ACADEMIC YEAR AND THE TEACHING MODULES TO BE FOLLOWED, STUDENTS AND STAFF NEED ACCESS TO A VARIETY OF RESOURCES SUCH AS THE FILE SYSTEM AND THE ELECTRONIC LEARNING ENVIRONMENT. ADDITIONALLY, PARENTS MAY ALSO REQUIRE ACCESS TO SPECIFIC INFORMATION. AT ONE POINT, IT WAS FEASIBLE TO SET UP ALL THESE ACCESSES MANUALLY. HOWEVER, THOSE DAYS ARE LONG GONE!

UNIFORM AND RELIABLE USER MANAGEMENT

Due to the increasing complexity of identity management within education, the need for a reliable method of managing accounts and accesses has never been greater. User details change from day to day, and students and staff enter and leave the district throughout the year. Everything that happens requires a change of some sort in the numerous information systems throughout the school district.

Many secondary schools, teacher training colleges, and regional training centers and universities throughout the world use Tools4ever's User Management Resource Administrator (**UMRA**) to resolve these issues. UMRA streamlines the processes involved in user account management.

DETAILS AVAILABLE AUTOMATICALLY

UMRA, by Tools4ever, ensures that the data from any Student Information System (such as Datatel or Skyward) automatically propagates to Active Directory, Exchange, eDirectory (Novell) or GroupWise file systems, as well as access systems, library systems, and Electronic Learning Environments (e-Learning).

UMRA communicates with virtually every system or application by using more than 130 preconfigured connectors. These links ensure total consistency and eliminates user account pollution in the network. The time interval for creating accounts is reduced significantly and accounts are always created flawlessly.

BENEFITS OF **UMRA**

- ▶ Manual IT procedures are automated through links with the Student Information System resulting in a fast ROI
- ▶ Connects the Student Information System with various teaching applications, such as E-Learning Systems, library systems, access systems, e-mail applications etc.
- ▶ Total consistency and no user account pollution
- ▶ Enhanced security: access is automatically removed from those who leave the district
- ▶ Reduced time input by system and application managers because of automated tasks
- ▶ 100 percent logging of all activities in the domain
- ▶ Activities of the 2nd and 3rd level support personnel can be carried out by the 1st level

OUT OF THE BOX CONNECTORS

UMRA HAS OUT-OF-THE-BOX LINKS FOR A VARIETY OF PLATFORMS AND APPLICATIONS WITHIN YOUR SCHOOL WHICH CONTAIN STUDENT AND TEACHER INFORMATION, SUCH AS ACTIVE DIRECTORY, EXCHANGE, DATATEL, BANNER, E-LEARNING SYSTEMS, LIBRARY SYSTEMS, ACCESS SYSTEMS AND A HOST OF OTHER SYSTEMS—BOTH WITHIN YOUR NETWORK AND HOSTED.

STUDENT INFORMATION SYSTEM (SIS)

Many student details are already present in the Student Information System (SIS), making the SIS extremely viable as the data source for managing user accounts. With UMRA it is possible to synchronize user accounts automatically between the Student Information System and Active Directory, Office 365, eDirectory (Novell), Apple Open Directory and a variety of other education applications. Any change in the Student Information System is detected by UMRA and the necessary actions are then taken to synchronize the data to other relevant systems.

Available SIS Connectors

- Admin+
- Aeries
- Aspen
- ATS HSST
- Banner
- Campus View
- Datatel
- eSchoolPLUS
- Genesis
- Infinite Campus
- Infinite Visions
- InformationNOW
- K12 Systems
- Kronos
- Lawson
- MUNIS
- Oracle
- Pentamation
- Power Campus
- Power School
- SchoolMaster
- Schoolminder
- Skyward
- Synergy
- Trillium
- WinSchool
- ... and more!

TEACHING APPLICATIONS

UMRA provides links for all current applications and systems which are found in the networks of teaching institutions.

Connections with Teaching Applications

- Aura
- Google Apps
- TOPdesk
- Apple Open Directory
- Office 365
- ... and more!

ELECTRONIC LEARNING ENVIRONMENT (E-LEARNING)

With UMRA, Tools4ever offers a variety of connectors to manage student data in Electronic Learning Environments automatically. The connector retrieves information from the Student Information System and transfers it to the Electronic Learning Environment. Every time information about a student changes, this change is detected by UMRA and is automatically imported into the Electronic Learning Environment.

Connections with Electronic Learning Environments:

- Avetica Moodle
- Canvas
- itsLearning
- N@tschool
- Studieweb
- Blackboard
- eSchool
- My Big Campus
- Schoology

“ALL OF THE EMPLOYEES LOVE UMRA BECAUSE IT FREES THEM UP TO DO OTHER THINGS. THERE IS NO OTHER COMPANY THAT I DEAL WITH REGULARLY THAT I LIKE BETTER.”

SHERRY HOREANOPOULOS, INFORMATION SECURITY OFFICER AT FITCHBURG STATE COLLEGE