tools4ever

Affordable solutions
for Identity & Access Management
in Education

Managing student user accounts - log-in names, email accounts, etc. - continues to increase in complexity. Depending on the academic year and the teaching modules to be followed, a student needs access to a variety of applications, such as the file system and the electronic learning environment. If the school has a web portal, the student's parents also require access to specific information. At one time, it was feasible to set all of the required configurations manually, or with a script, once a year, those are days are long gone!

Uniform and Unequivocal User Management

The technology requirements within education are now complex. Details and access requirements change frequently within the year, and environments have become comprehensive because of numerous systems. Schools also have to cope with a large number of users, students and teachers, where many changes need to be applied, for example a student or teacher leaves the school, or takes another course.

Almost 50% of secondary schools, various teacher training colleges, regional training centers and universities with automated systems, use Tools4ever's User Management Resource Administrator (UMRA) to resolve these issues. UMRA streamlines the communication involved in user account changes. Because almost all school changes are maintained in the student information system, UMRA uses this system as the source for all adjustments.

Details Available Automatically

UMRA, by Tools4ever, ensures that the data from any student information system (for example Datatel or JPAMS) becomes available automatically and without any manual intervention, in the Active Directory, Exchange, eDirectory (Novell) or GroupWise file systems, as well as access systems, library systems, and Electronic Learning Environments.(ELO).

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 UMRA

► Manual IT procedures are automated through links with the student information system;

► Connecting the student information system with various teaching applications, such as ELO, library system, access system, e-mail applications etc;

► Total consistency and no user account pollution

► Reduced time input by system and application managers because of automated tasks;

► 100 percent logging of all activities in the domain;

► Enhanced integrity: your domain is always fully up-to-date;

► Activities of the 2nd and 3rd level support personnel can be carried out by the 1st level;

► Unambiguous authentication across various environments (Single Sign On);

► Complete implementation within a few days.

Out-of-the-box Connectors

UMRA links to all the systems in your school

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, ELOs, library systems, access systems and a host of other systems - both within your network and hosted.

Student Information System (SIS)

Many of the details on students are already present in the Student Information System (SIS), making the SIS extremely viable as the source for managing user accounts. With UMRA it is possible to synchronize user accounts automatically between the Student Information System and Active Directory, Live@Edu, 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 undertaken.

Connections with SIS systems:

- Admin +
- ADP
- ATS HSST
- Chancery
- Genesis
- Ipass
- JPAMS
- Kronos
- MMS Generations
- Oracle
- Power Campus
- Reddiker
- Schoolmaster
- STI
- Trilllium
- Winschool
- Banner
- Campus View
- Datatel
- e School Plus
- Infinite Campus
- Jenzabar
- K12 Systems
- Lawson
- MUNIS
- Pentamation
- Power School
- SASI
- Schoolminder
- Terms
- Visual Castle

Teaching Applications

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

Connections with Teaching Applications:

- Apple Open Directory
- Google Apps
- Aura
- (Hosted) emailsystems, such as Live@Edu
- TOPdesk

Electronic Learning Environment (ELO)

With UMRA, Tools4ever offers a variety of links to manage student data in Electronic Learning Environments (ELO) entirely 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 information is detected by UMRA and it is automatically imported into the Electronic Learning Environment.

Connections with Electronic Learning Environments:

- Avetica
- eSchool
- Studieweb
- Moodle
- Sharepoint
- Blackboard
- N@tschool
- it's learning
- Moodle Hosted

'We would not have had the resources to manipulate large sets of student and staff data in an environment where accuracy is paramount without the help of Tools4ever.'

Kevin Stacey, IT Manager at Newent Community School