

Project Spotlight:

Transforming Public Education with Over 1 Million Identities? As Easy as ABC

During a profound reshaping of the Buenos Aires Province Education Department's core systems architecture, Identicum uncovered how to leverage midPoint's capabilities to address diverse business processes like lifecycle management needs and an opportunity for identity foundation for abc.gov.ar; a unified platform for services and information for employees, principals, teachers, and students.

The Buenos Aires Province Education Department is the biggest school district in Argentina, with around 500,000 employees and almost 5 million students. The biggest hurdles of this project were scalability and cost. MidPoint's architecture proved its capabilities, by accommodating the massive user base without compromising the performance. Identicum's meticulous scalability testing ensured a seamless expansion as the user count surged.

Identicum combined a self-registration process with the integration through midPoint with 2 main data sources from the education management platform, with identities ranging from employees (administrative employees, principals, and educators) to students. MidPoint's dynamic RBAC functionalities became their strategic advantage. Identicum fine-tuned roles to match the unique profiles for students and educators, ensuring precise access control and provisioning across the educational spectrum.

All identities were provisioned by midPoint to an internal LDAP consumed by the Web Access Management and SSO platform, including some internal applications. Additionally, Identicum configured resources for Google for Education and Microsoft 365 for Education, assigning licenses to students and teachers based on different roles defined within the solution. Automation became their ally in managing the difficulties of the educational ecosystem. MidPoint's automation features allowed them to define complex integrations, reduce manual intervention, and ensure processes ran correctly.

In the realm of Identity & Access Management, this project marked a technical triumph. Evolveum's midPoint emerged not just as a solution, but as the main pillar in managing a substantial number of identities cost-effectively, with precision and efficiency. The impact is evident in the streamlined operations of the Buenos Aires Province Education Department. The technical challenges were met, leaving digital evidence of the technical efficacy and capacities of midPoint's Identity Governance in the educational landscape.



Since 2005, **Identicum** has been a professional services company focusing on Identity and Access Management projects. They are a team of solution architects and consultants with a large amount of experience in the design, development, deployment, and operation of identity platforms.

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