Educational system management platform

Data-driven excellence in educational administration

The Austrian Reporting Platform revolutionizes educational system management by providing comprehensive data collection, analysis, and visualization capabilities across all educational levels. As the country's primary platform for public sector data management, it enables the Ministry of Education and associated institutions to make informed, data-driven decisions while maintaining secure and efficient operations.

How it works

The reporting platform integrates various specialized educational monitoring tools through a unified system architecture. It thus constitutes the technical infrastructure for the Education Information System (BILIS). Within BILIS, various data sources are consolidated, visualized in dashboards, and made available to specific target groups in order to support school development and administration in fulfilling their responsibilities. Additional applications on the reporting platform address specific requirements, such as school attendance forecasting or the tracking of student inflows from abroad. The system employs advanced features including standardized BI libraries, machine learning capabilities, and IBCS®-compliant visualization tools, all while maintaining strict security protocols through authenticated access and audit logging.

The Big Picture

With approximately 6,000 users across different educational administrative levels, from the ministries to schools, the platform demonstrates the power of hierarchical data management in public education. Users can access targeted reports based on their organizational level and intended exclusively for their respective role. This role-based approach enables strategic management at a national level while supporting operational decision-making at regional and local levels. The transparent and target-group-specific presentation of information enables focused monitoring of data within the school system, thereby making the reporting platform an indispensable instrument for the development and improvement of the Austrian education system. It demonstrates how technological innovations can enhance both transparency and efficiency in the public sector.

Quick Facts

- Solution area: **Organisations, Processes, Quality assurance and certification**
- Administrative level: **District, State, Federation**
- Solution process: **Digitization and technology, Employment and education, Integration, inclusion, diversity, Public service, Science and research**
- Technology: **Information technology, Platform technology**

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