

# 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 platform integrates various specialized educational monitoring tools through a unified system architecture. The BILIS Report Cockpit serves as the central hub for education monitoring, combining diverse data sources to support school development and management. Specialized modules address specific needs, such as tracking non-native student integration and reactions to infectious diseases such as COVID-19 in schools. 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 ministry officials to individual school administrators, the platform demonstrates the power of hierarchical data management in public education. Users can access targeted reports based on their organizational level, with drill-down capabilities providing detailed insights into substructures. This multi-level approach enables strategic management at the national level while supporting operational decision-making at regional and local levels. By facilitating organizational learning through comparative analysis and focused KPI monitoring, the platform has become an essential tool for developing and improving Austria's educational system. It showcases how technological innovation can enhance public sector efficiency while maintaining the flexibility to address emerging challenges, from pandemic response to integrating displaced students.

### Quick Facts

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