



Empowering a Nonprofit Educational Healthcare Organization's Cloud Migration with Real-Time Data Integration from Striim



Challenges

A nonprofit educational healthcare organization faced the challenge of migrating its core student information system (SIS) from an on-premise version to Azure SQL Server. However, their on-premise SQL Server systems continued to support legacy applications critical to student services. The reliance on SQL-based integrations had caused performance challenges, particularly with API data capture. Ensuring uninterrupted access to these systems was essential for maintaining student satisfaction and operational continuity.

Solution:

To solve this, the organization partnered with Striim, utilizing its real-time data integration and streaming capabilities. Striim's solution efficiently captures and transforms data from the cloud-based Azure SQL Server and integrates it back into the on-premise systems with minimal latency using in-memory processing.

This setup enables seamless synchronization of real-time data between cloud and on-premise environments without the need for custom development, reducing costs and enhancing system functionality. This collaboration ensures uninterrupted access to essential student-facing applications during and after the migration, while also providing a foundation for future advanced analytics initiatives.

Results

- **Real-Time Data Access:** Striim enables immediate access to current student, faculty, and class schedule information.
- **Improved Response Time:** Enhanced ability to respond quickly to candidate student inquiries.
- **Increased Conversion:** Streamlined data availability and improved operational efficiency help convert more candidate students into enrolled students.
- **Seamless Integration:** Ensures critical systems remain up-to-date, supporting both student and administrative functions.

