

# KingswaySoft Client Case Study

Avon Maitland District School Board

**Avon Maitland District School Board utilizes the SSIS Integration Toolkit for Directory Services to automate HR and IT processes for student or employee status changes within the school board.**

## OVERVIEW

Avon Maitland District School Board needed a better way to effectively manage the constant changes of staff and students. The school board was looking to automate this process by implementing a system that would read their HR and Student Management System, a SQL database, to check for any changes or additions and update their Active Directory system automatically through SSIS.

## THE CHALLENGE

The Avon Maitland School Board did not have any integration system in place between their HR system and Active Directory. In order for changes to incur in Active Directory, the IT Department needed to manually update the system and relied on someone from the HR Department informing them of the necessary changes that needed to be made. This resulted in delays for the staff and students as it could take up to a week for the IT Department to be notified. The School Board needed to set-up a system that would use the data from their HR and Student Management Systems to update Active Directory automatically in order to eliminate these delays.

## THE SOLUTION

Initially, the Avon Maitland District School Board considered hiring a developer to customize an automated solution, which would have been a costly and time-consuming process. However, after learning about the SSIS Integration Toolkit for Directory Services and collaborating with KingswaySoft through their training course, they quickly grasped the unfamiliar SSIS platform and began developing their integration project.

The school board wanted the solution to recognize if a record needed to be created or updated in Active Directory, based on the information coming from the HR system. For this scenario the school board was able to take advantage of KingswaySoft's Upsert capability built into the AD Destination Component. The Upsert functionality checks the record from the source to determine if it already exists in Active Directory. If it doesn't, the component creates a new record, and if it does, it updates the existing record with the necessary changes. This Upsert capability provided a highly efficient way to run their daily integration job, simplifying the SSIS project by eliminating the need for extra components and processes for this check.

## THE RESULTS

The Avon Maitland District School Board now benefits from an automated system that updates their Active Directory whenever there are changes to students or employees within the board. This automated process eliminates the need for individual notices, reducing delays for staff and students and improving overall efficiency. Any changes made in the HR system are now automatically reflected in Active Directory through SSIS integration. The success of this project has encouraged the school board to consider using KingswaySoft tools for automating more processes in the future.



*"KingswaySoft continues to offer us excellent service and support for our AD/HRIS integration system. Their knowledge and customer service is top notch."*

**Jason Hillier**

**Manager of Information Technology**  
Avon Maitland District School Board

## SSIS INTEGRATION TOOLKIT for DIRECTORY SERVICES

The toolkit helps you manage all the intricate details involved in working with **Microsoft Active Directory** data, among other Directory Services, such as **Azure Active Directory, LDAP** and **Google Directory**.

Easy learning curving, consistent application interface, familiar development experience within SQL Server Business Intelligence development environment (Visual Studio).

A codeless data integration approach. Free developer license is available for any interactive use without any limitations.

## ABOUT KINGSWAYSOFT

KingswaySoft is a leading provider of data integration solutions for Active Directory, Microsoft Dynamics software and many other enterprise applications. Organizations from more than 100 countries rely on our solutions to drive their business data efficiency.

Our primary mission is to ensure our customers' success by delivering high-quality software products and innovative integration solutions at a competitive price.