

Connect:

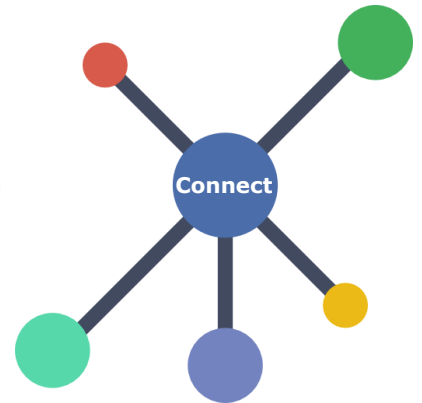
- ⇒ Improves the speed of data integration —read and write data transfers efficiently processed
- ⇒ Securely extracts, combines and integrates data from multiple applications at high speed
- ⇒ Provides staff with better visibility of integration interfaces via the Connect Portal

"Connect offers a high performance solution to a complex problem. The biggest benefit is the transparency: we are able to see what Connect is actually doing – what data is coming from the source and how it will appear in the target application. We can make modifications ourselves if we need to – it's no longer a 'black box' solution"

Maastricht University

Seamless data transfers between applications

Connect is a scalable integration solution that enables users to perform data transfers between the Scientia product suite and other third party applications such as the university student record system. It facilitates the transfer and transformation of business-critical information between any sources and target applications, including timetabling, estates, finance, attendance monitoring, HR and more.



Increased performance, reduced administration, lower costs

At the heart of the Connect tool is a differential comparison feature that provides significant efficiencies in both time and performance when conducting bulk data updates between applications. It quickly pinpoints and updates only data that has changed since the previous integration was performed. This ensures that only amended, deleted or inserted items are transferred during a scheduled integration routine meaning that data transfers can be carried out much more efficiently whilst reducing the load on local infrastructure.

Sophisticated suite of product features

The inclusion of full ETL (Extract, Transform, Load) technology ensures that the transformation of data between multiple systems can be readily achieved. Connect also includes the capability to bi-directionally interface to other application databases. The web based Connect Portal provides coordinators with full self-service access to view and manage their current data transfer interfaces.

Faster, more efficient integrations

How does Connect deliver on your data transfer requirements?



Market-leading technology and features

A range of exciting new features exist for customers transitioning to Connect from previous Scientia technologies such as SPDA, EMIT or SALT, including Differential Comparison, Web Portal and Workflow Engine.



Secure, reliable links with your business-critical applications

A suite of off-the-shelf Scientia Connect Integration Packages (SCIPs) including standardised integrations with leading student record systems, VLEs, Microsoft Exchange, Office365, SQL, Oracle and many more. Scientia provide annual maintenance of SCIPs in event of database changes to source or target applications.



A comprehensive range of integration methods

Data transfer solutions can be configured via a range of integration methods including via generic web services, REST APIs, Text, CSV and XML. Connect also includes support for integration with LDAP / Active Directory.



Configuration and control

The Connect workflow engine enables configuration and control of integrations so that processes can be fully automated or require user approval at chosen stages. Where approvals are required, these can be performed easily by staff using the web based Connect portal. It is also possible to use triggers to initiate data transfer workflows as soon as certain information changes in a specific application.



Expertise you can trust

Our skilled Scientia technical consultancy team will work with University staff to deliver an integration solution that can be tailored to meet specific requirements. Solutions can be deployed in a test environment for full UAT before being deployed in the live environment.