The experts for your SAP integration.

THEOBALD
SOFTWARE

Why Theobald Software?

All benefits at a glance.
What makes our solutions so special:

▶▶ Fast

Achieve results within a few hours and benefit from our outstanding support.

✔ Simple

The data load process is simple, highly performant and enables automated data transfer, without any programming knowledge.

⬇ Automated

Bring your SAP business processes into external environments such as collaboration platforms and workflow solutions.

Flexible

Our solutions enable the extraction of your SAP data to any database, analytics, BI or cloud solution.

🔒 Secure

Integrated HTTPS/SNC transport encryption ensures that your SAP data is imported securely into the intended target environment.

🎓 Certified

Our SAP-certified product ERPConnect forms the kernel of all products and is responsible for connecting to the SAP system.

🌎 Worldwide Competence

We are serving more than 2,800 customers from four locations around the world.

SIEMENS   DAIMLER   Coca-Cola   hp invent   BOSCH   BAYER

Unilever   Shell   SAMSUNG   ZF   Linde   T···

Our support makes your life easier.

» Contact us by phone, email, or via ticket system.

» OnlineHelp with guides to our products.

» Knowledgebase with a wide range of articles, examples, and additional information, such as the version history of our respective products.

Free 30-day software trial.

» Full version — unlimited functionality.

» Take advantage of our free presales support during your trial phase.

» The trial version can be extended on request.

SAP Partner   **SAP**® Certified Integration with SAP® S/4HANA   **Microsoft Partner** Gold Application Development

These components will help you to achieve your goals!

Table

Reliable, high-performance extraction of SAP tables (transparent tables, cluster tables, and views) is easier than ever before thanks to the **Table** component. This component comes with our custom ABAP package for table extraction but also supports standard SAP function modules.

What´s more, joining SAP tables prior to extraction via Open SQL statement is also possible. This replaces the need for manually creating views or SAP queries on the SAP side.

BAPI

With the **BAPI** component, it is possible to call BAPIs and RFC function modules. At the same time, the component can be used as both the data source and—depending on the Xtract product—the target (data write-back). Users can extract or populate the BAPI's import/export and table parameters.

SAP Queries

The **Query** component lets users extract SAP ERP queries right from the SAP system. There is no need to tediously recreate existing queries and their respective business logic outside of SAP, because you can simply continue using them instead.

BW Cube

The **BW Cube** component implements SAP's OLAP BAPI interface (MDX) as well as the native BICS interface. It is therefore possible to extract traditional BW objects, such as BW or BEx queries, cubes, and MultiProvider. At the same time, the component supports both the new HANA-based BW objects and the objects of an S/4HANA embedded BW. The BW Cube component supports BEx variables and dimension filtering, thus enabling the extraction of large amounts of data with a packetizing and slicing function.

DeltaQ & ODP

These components are the crème de la crème when it comes to extracting data from SAP. With the help of the **DeltaQ** component, users can extract what are known as SAP DataSources. The main benefit of DataSources is the integrated mechanism for incremental data extraction—a function also employed by SAP BW. DeltaQ and ODP enable the use of DataSources and thus eliminate the need for an SAP BW.

The **ODP** component is Theobald Software's response to the new SAP ODP extraction types. This component can also be used to extract SAP DataSources, as well as CDS views, BW/4HANA objects, and other data sources

Report

This component makes it possible to use **ABAP reports** as a data source. This guarantees the extraction and thus continued use of existing, customer-specific ABAP reports or of standard reports provided by SAP. Users can simply adopt existing reports and their respective business logic instead of wasting time to recreate them outside of SAP.

Hierarchy & Open Hub Service

The **Hierarchy** component makes it possible to extract hierarchies from an SAP BW system. At the same time, this component gives users the option to extract the data in its original parent/child format. The hierarchies can also be broken up, however, and the individual hierarchy levels extracted as column headers in a flat table.

Through **Open Hub Services** (OHS), SAP provides an extraction method for a range of BW source objects. OHS is a particularly interesting choice when it comes to exporting mass data from SAP BW and provides an integrated delta mechanism when using SAP DTPs. Theobald Software supports the OHS component for BW/4 HANA as well.
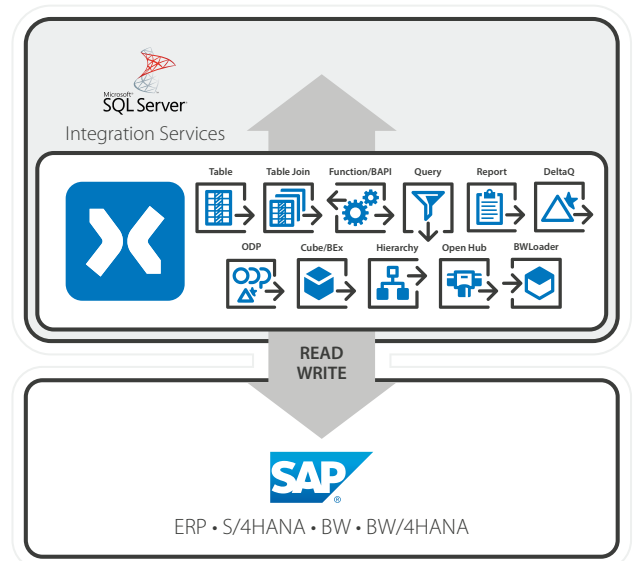
Xtract IS

The mass-data solution as an SSIS plug-in!

Just a few clicks are all it takes to extract mass data with the highest degree of performance and stability. **Xtract IS** makes the data from a wide range of different SAP objects in the data flow available to SQL Server Integration Services (SSIS) for further processing. You can therefore make use of all SSIS functionalities — including your SAP data — as usual in the form of a plug-in.

And the best part is that our BAPI and the BW Loader component let you write back the data into the SAP system, in addition to read access only.
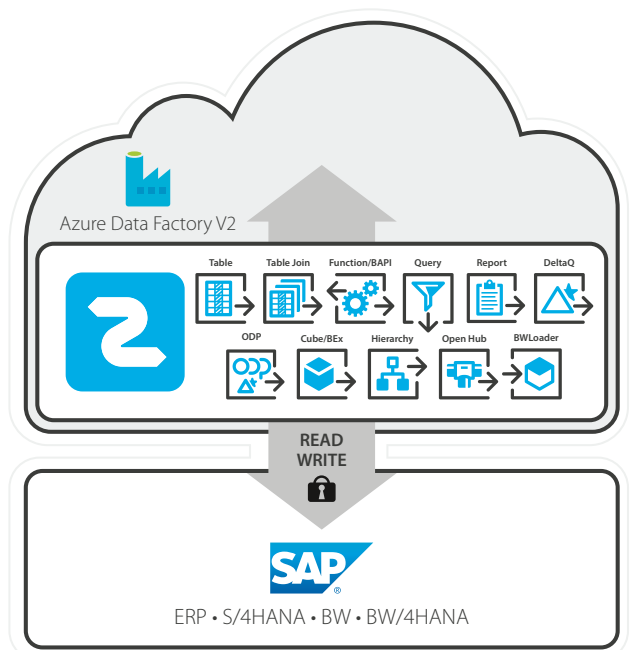

Microsoft
SQL Server
Integration Services

| Table | Table Join | Function/BAPI | Query | Report | DeltaQ |

| ODP | Cube/BEx | Hierarchy | Open Hub | BWLoader |

READ WRITE

SAP

ERP • S/4HANA • BW • BW/4HANA

Xtract IS for Azure

The fast track to the Azure Data Factory v2!

With the **Xtract IS for Azure** components, you can deploy, plan, and run your SSIS packages on **Microsoft's Azure SSIS IR** (as part of the Microsoft Azure Data Factory v2). Enjoy the benefits of the tried-and-tested functionality of the On-Premises version of the SSIS plug-in Xtract IS to easily put your data into the Azure cloud. The concept is a sure-fire recipe for success: local development and cloud-based execution. As with Xtract IS, SAP not only can serve as a data source, but it can also be used as a transformation or target.

Here is the kicker: with **Xtract IS for Azure**, you can either develop new SSIS packages from scratch or use SSIS packages already developed with Xtract IS.
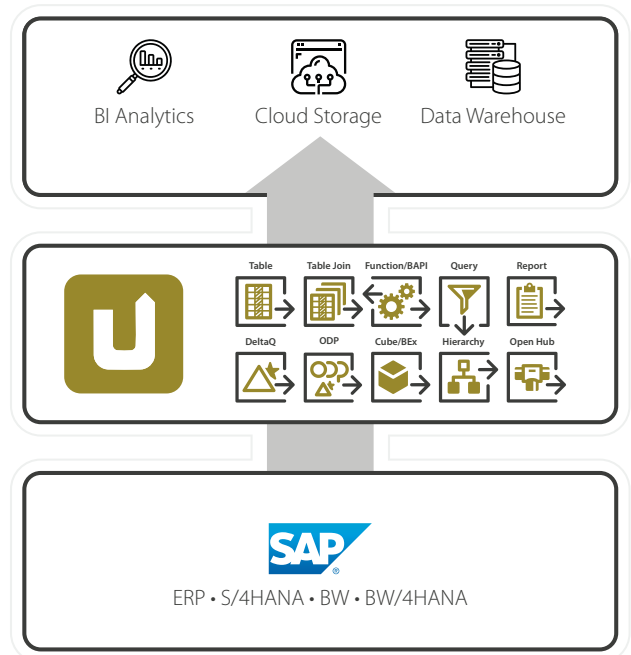

Azure Data Factory V2

| Table | Table Join | Function/BAPI | Query | Report | DeltaQ |

| ODP | Cube/BEx | Hierarchy | Open Hub | BWLoader |

READ WRITE

SAP

ERP • S/4HANA • BW • BW/4HANA

Xtract Universal

The universal stand-alone solution!

Xtract Universal enables your SAP system to interact with any target environment—and all with minimal intrusion into SAP. Extracting your SAP data into any databases and analytics, BI, or cloud solutions of your choice has never been easier! Data loading is a straightforward, high-performance process that enables automated data transfer, even without programming experience. This means that you can use your SAP data without any issue for various Reporting & Analytics tools, all while keeping an eye on your company data at all times.
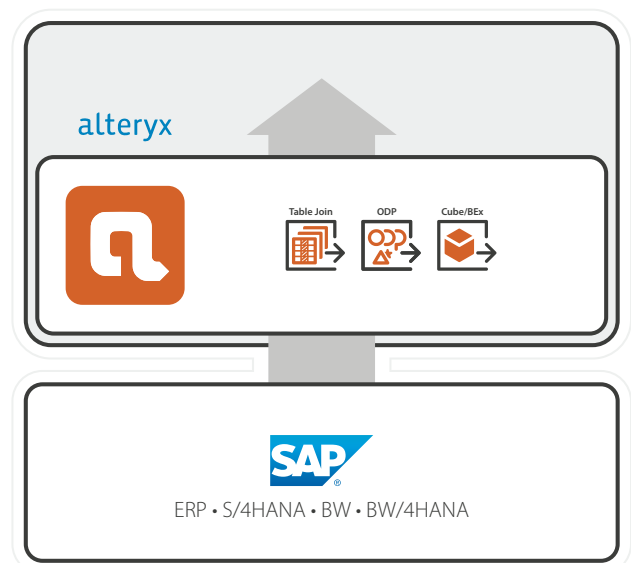
Xtract Universal consists of two components: the server as a central data hub and the designer for configuring extraction.

BI Analytics   Cloud Storage   Data Warehouse

Table   Table Join   Function/BAPI   Query   Report

DeltaQ   ODP   Cube/BEx   Hierarchy   Open Hub

SAP
ERP • S/4HANA • BW • BW/4HANA

Xtract for Alteryx

The solution embedded in Alteryx!

Xtract for Alteryx allows you to seamlessly integrate your SAP data into Alteryx — without any programming; simply drag & drop in the Alteryx Designer. The extractions are initiated by the Alteryx Designer in a data pull. You can thus use data from your SAP system in combination with curated data from other data sources connected with Alteryx and integrate this into one data flow.
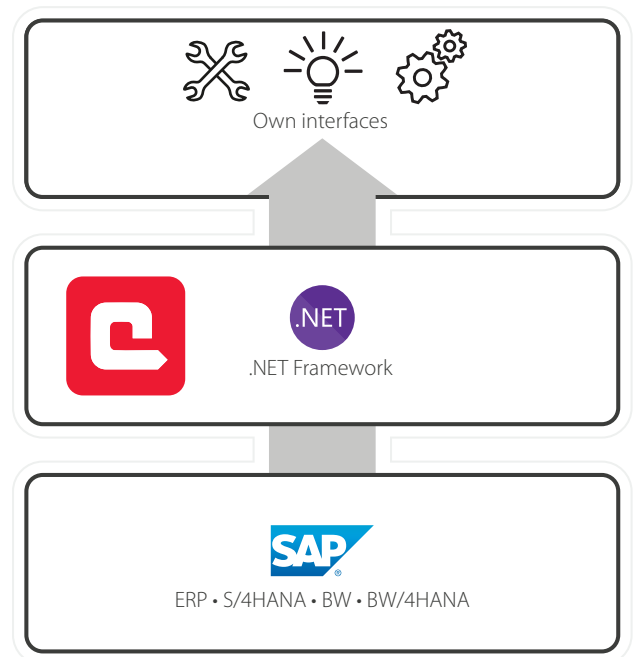
alteryx

Table Join   ODP   Cube/BEx

SAP
ERP • S/4HANA • BW • BW/4HANA

ERPConnect

The tailored solution for designers!

ERPConnect is a lean .NET programming library that lets you develop robust SAP interfaces with little effort and, above all, without complex infrastructure or additional middleware.

Apart from standard functions, such as sending and receiving IDocs or controlling BAPIs and function modules, ERPConnect also offers an entire range of special classes that make it possible to manage difficult SAP interface programming requirements efficiently, securely, and stably. This includes reading BW objects (BEx queries) with your own API as well as reading SAP tables via RFC (without width restrictions). As a result, ERPConnect integrates into any modern SAP NetWeaver architecture.
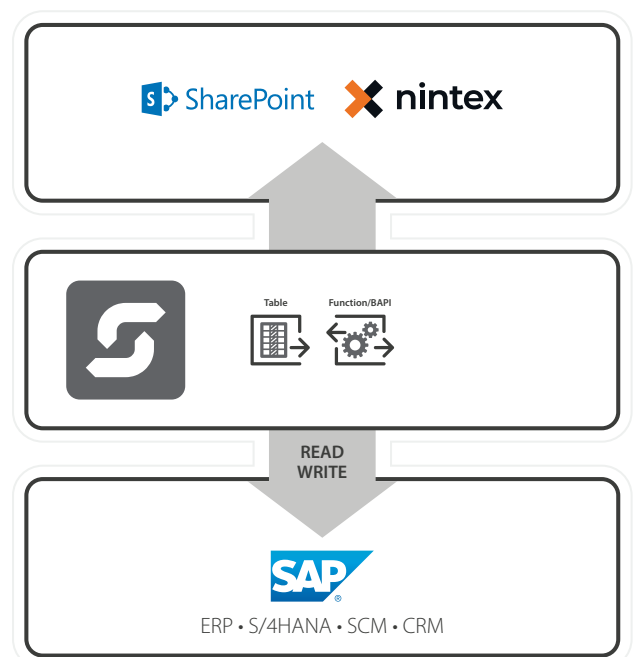
Own interfaces

.NET
.NET Framework

SAP
ERP • S/4HANA • BW • BW/4HANA

ERPConnect Services

The solution for integrating SAP with SharePoint!

Optimize and expand the possibilities of your SAP processes by connecting with SharePoint. This integration lets you conduct business processes in an easy, collaborative way—whether in the office, at home, or on the road. It even provides employees who lack SAP expertise with access to important information in the familiar system environment, thus saving time and money.

The **ERPConnect Services** software interface integrates in a lean, seamless manner into the existing SharePoint environment and contains various tools for both developers and non-developers. As a result, read and write access to SAP is possible for countless usage scenarios, such as updating master data, manager and employee self-services, inventory queries, and much more.

Direct integration with Nintex is one truly special feature for optimizing your business processes. Straightforward SAP access from Nintex Workflow and Nintex Forms is made possible through a specially developed Nintex edition.
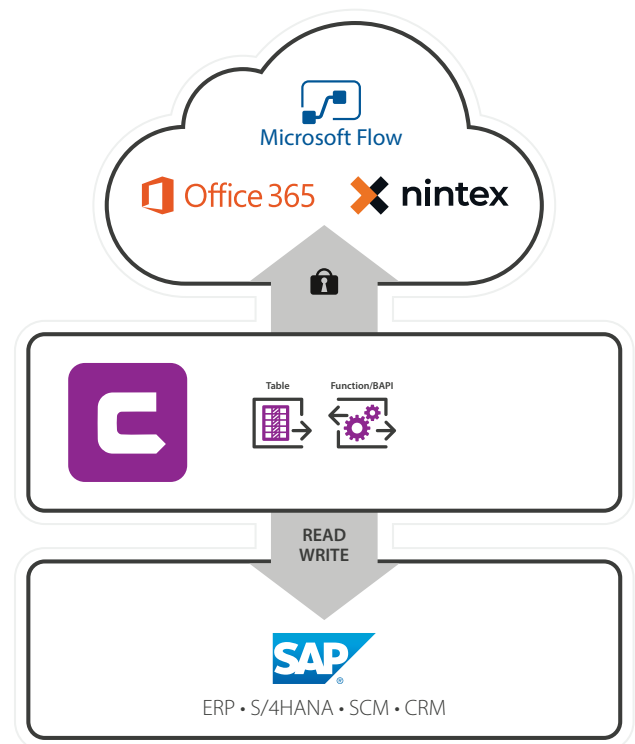
SharePoint   **nintex**

Table   Function/BAPI

READ WRITE

SAP
ERP • S/4HANA • SCM • CRM

ECS Core

Right to the cloud!

ECS Core lets you easily connect your SAP systems with the cloud, irrespective of the platform. Predefined business content for common integration scenarios facilitates implementation. Put your business processes in an environment that is familiar to users and accessible from anywhere—all without compromising on security or performance.
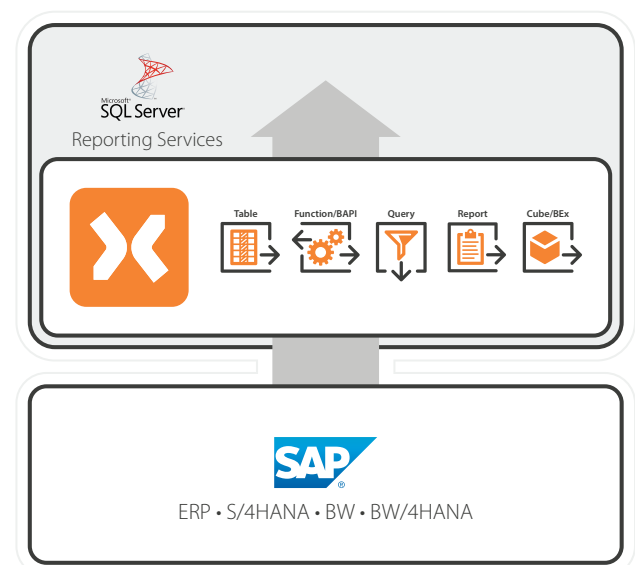
Here's another benefit: ECS Core is not limited just to cloud solutions. On-premises systems capable of consuming REST services can also be connected using ECS Core, thus ensuring the highest degree of flexibility when it comes to integrating data.

Microsoft Flow

Office 365 nintex

Table   Function/BAPI

READ
WRITE

SAP

ERP • S/4HANA • SCM • CRM

Xtract RS

The solution for SAP real-time reporting!

Xtract RS is a data provider for SAP that has been optimized for Microsoft Reporting Services and the Power BI Report Server. It integrates seamlessly as a data extension into SQL Server Data Tools (SSDT) for Visual Studio. As a result, SAP data is directly available on the Reporting Services Server as well as the Power BI Report Server. Access occurs in real time, plus it is direct, meaning that it is free of additional software layers or other middleware. There is no topping this simple, but effective architecture in terms of performance.

Microsoft
SQL Server
Reporting Services

Table   Function/BAPI   Query   Report   Cube/BEx

SAP

ERP • S/4HANA • BW • BW/4HANA

About us

Since its inception in 2004, Theobald Software has grown to become the leading provider for SAP integration solutions. Our products enable all common third-party systems to integrate with SAP. While we have traditionally been focused on connecting the Microsoft world with SAP, we have steadily expanded our product portfolio in recent years to include non-Microsoft scenarios and systems.

In addition to Microsoft SQL Server, Power BI, SharePoint On-Premises, SharePoint Online and Office 365 our products work with data warehouse solutions from Oracle, Teradata, SAP HANA and EXASolution, as well as BI solutions from Tableau, Qlik and BOARD. Furthermore, we offer SAP integration for analytic tools such as Alteryx, CRM solutions like Salesforce and for cloud connectors such as Azure and Amazon S3.

Our partnership with Microsoft and SAP, together with our customer focused innovation and professional services are the cornerstones of our company. More than 2,800 customers worldwide have benefited from choosing our products. As a technology and platform provider, Theobald Software has an established ecosystem of implementation and OEM partners. Our partners rely on our products to offer optimal and tailored solutions to their customers.

"The best SAP interface is the one that nobody notices."

Patrick Theobald, Managing Director & Founder of Theobald Software

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