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Whitepaper

Efficient SAP Data Integration in Microsoft Fabric: Optimizing Your Data Strategy with Xtract Universal›

Discover how you can **get more value from your SAP data** by integrating it into **Microsoft Fabric**. This whitepaper explains how **Xtract Universal by Theobald Software** provides a low-cost and low-latency solution for efficient SAP data replication to Microsoft Fabric OneLake, without the need to utilize the ODP framework by SAP.

Explore practical use cases and new innovations, including how Xtract Universal enables near real-time replication of SAP data with **Fabric Open Mirroring**, helping you future-proof your SAP data strategy.

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Content›

1. Meeting the Challenge of SAP Data Integration❯

Integrating SAP data with modern cloud platforms is critical for companies looking to make data-driven decisions and optimize their operations. Many organizations, including those using **Microsoft Fabric**, often rely on SAP systems for critical data in sales, logistics, finance and more. Managing this data efficiently – especially ensuring (near) real-time access – has always posed a challenge due to the complexity and volume of SAP datasets.

Historically, organizations have used Microsoft's native Connector for Operational Data Provisioning (ODP) to manage incremental SAP data loading, which enabled seamless data integration for analytics workflows. However, SAP Note 3255746 introduces a significant shift, discontinuing the use of ODP Data Replication APIs for accessing SAP ABAP sources. This presents a new challenge for organizations, disrupting established data workflows and forcing businesses to either manage complete data reloads, with the risk of performance issues, or find more efficient alternatives for SAP data replication. Yet, challenges in SAP data integration extend beyond ODP alone. Companies often struggle with maintaining efficient, scalable data flows while ensuring that SAP data is consistently merged with other critical business data in cloud environments like Microsoft Fabric.

This is where Theobald Software's **Xtract Universal** provides a robust and comprehensive solution. The interface based on SAP-certified technology offers a powerful solution for SAP data extraction and integration, enabling organizations to overcome a range of data replication hurdles. By leveraging alternative technologies such as Table, Table CDC, and DeltaQ, Xtract Universal ensures both incremental and bulk data replication can continue efficiently, even in the event of changes such as ODP restrictions. Organizations can centralize their SAP data in platforms like Microsoft Fabric, including the OneLake data lake storage, allowing for deeper insights and optimized decision-making, based on data that is updated in near real time.

This whitepaper will guide you through the various challenges of SAP data integration, including change data capture (CDC) and those posed by SAP Note 3255746, and explore how Xtract Universal offers a versatile solution for these hurdles. You'll discover practical use cases, see how Xtract Universal supports near real-time data replication, and understand the benefits of integrating SAP data with Microsoft's Fabric platform, including automated data merging with Open Mirroring. We'll also discuss upcoming innovations and how Xtract Universal helps future-proof your SAP data strategy, optimizing your operations and enabling data-driven decisions.

2. In Context: Addressing SAP Data Integration Challenges ›

The integration of SAP data has long been a challenge for organizations, particularly when it comes to managing updated incremental data and handling large volumes of transactional data. SAP Note 3255746, which discontinues the use of the ODP framework RFC interfaces, has introduced an additional hurdle for organizations relying on this method for efficient, incremental data replication and their SAP-to-Microsoft data integration.

Near Real-Time Data Integration

In today's world, businesses demand real-time, or near real-time, data for making informed decisions, enabling them to respond swiftly to changing conditions, optimize performance, and improve efficiency. SAP systems store large amounts of data, and a repeated, full replication of data is not feasible as it would consume too many system resources and take too much time. Having a reliable mechanism for change data capture, allowing to only replicate the data that has changed, becomes a necessity for near real-time data integration.

Traditionally, organizations have used solutions like the ODP connector to incrementally load data from SAP, extracting only new or changed records. Change data capture is crucial for minimizing system load and ensuring up-to-date insights in analytics platforms. The restriction of the ODP Connector has forced companies to explore alternative options for maintaining this functionality, without resorting to full data reloads that consume more bandwidth and system resources and often cannot be completed in the required time.

Another approach to identifying change data in SAP involves the use of date and time fields as filters on SAP tables, however this method is not proven to be reliable and cannot be used consistently across SAP tables.

Xtract Universal offers robust alternatives for incremental data loading. With capabilities like Table CDC and DeltaQ, change data is captured in a reliable and efficient manner, allowing businesses to benefit from up-to-date data, while ensuring that their data pipelines remain efficient and responsive. The CDC capabilities in Xtract Universal are a perfect match with the Open Mirroring functionality in Microsoft Fabric. Xtract Universal provides continuous CDC feeds to a landing zone in Fabric, and the Mirroring engine will merge the change data into sink tables in Fabric. This entire process is fully automated and enables near real-time data synchronization, and timely insights that businesses need to make informed decisions.

Handling Large Data Volumes

Managing vast amounts of SAP data is a persistent challenge, especially for organizations with high transaction volumes across departments like sales, logistics, and finance. Xtract Universal, with its ability to manage both incremental and full data loads, provides a comprehensive solution for businesses needing to move large datasets into platforms like Microsoft Fabric. By leveraging the scalability of Xtract Universal, businesses can handle bulk data transfers without performance bottlenecks, ensuring that even large datasets are processed efficiently and integrated into their chosen data environment.

Integration with Microsoft Fabric and Azure Data Services

Many organizations rely on Microsoft's suite of cloud services – including Azure Data Factory, Synapse Analytics and Microsoft Fabric – to process and analyze their SAP data. Without the ODP Connector, it becomes more difficult to supply these systems with incremental, up-to-date data, resulting in less efficient workflows and potentially outdated data being used for analysis.
Xtract Universal provides a powerful alternative for integrating SAP data into these environments. Its compatibility with Microsoft's data services ensures that companies can continue to work with incremental data updates, delivering fresh insights without the need for cumbersome workarounds.

The SAP Note 3255746 restricts the use of RFC modules in ODP Data Replication, affecting Xtract users relying on this component for SAP data extraction. Learn more about these changes and explore alternative solutions in our **blog post**.

Guidance on SAP

NOTE 3255746

Increased Complexity and Costs

The removal of ODP functionality forces businesses to adopt more complex workarounds or invest in additional tools to maintain SAP data integration. This adds both cost and complexity to IT infrastructures, straining resources and complicating data management processes. By offering a flexible and scalable solution for SAP data integration, Xtract Universal reduces the need for complex, resource-intensive Workarounds. Businesses can avoid costly infrastructure changes while maintaining efficient data integration workflows. Additionally, the interface is based on SAP-certified Technology, ensuring reliability and compatibility with SAP systems, which provides further confidence for businesses looking to streamline their data strategies.

3. The Solution: SAP Data Integration with Xtract Universal and Microsoft Fabric›

As we've seen, SAP data integration presents multiple challenges, particularly in environments where near real-time data availability and incremental loading are crucial. While the SAP Note 3255746 introduces additional complexity for organizations, Xtract Universal provides a powerful and versatile solution that goes beyond addressing specific limitations. By offering a range of **alternative technologies**, including robust features and a broad range of integration components, the SAP interface ensures seamless and efficient SAP data integration into **Microsoft Fabric**. With features designed to optimize data extraction and replication processes, companies can maintain efficient workflows and gain timely insights within Microsoft's data ecosystem.

3.1   SAP Connectors in Microsoft Fabric Data Factory

Microsoft Fabric offers built-in SAP connectivity, however it is limited to very few SAP sources, namely query objects in SAP BW, and the HANA database. Similarly, the SAP connector in Azure Data Factory for querying SAP CDS Views and SLT-based change data capture have a dependency on the SAP ODP framework. While Microsoft Fabric and Azure Data Factory offer native SAP connectors, their functional scope remains limited. In Fabric Data Factory, SAP integration is currently restricted to SAP BW query objects and the SAP HANA database. Other core SAP data sources—such as application tables in the ERP core, delta-enabled extractors (DeltaQ), or CDS Views—are not accessible via these connectors.

In addition, various SAP-related extraction scenarios across both platforms depend on the SAP ODP framework. With the release of SAP Note 3255746, SAP restricts access to ODP objects via the RFC-based interface. Xtract Universal offers a comprehensive suite of SAP integration components that provide direct access to essential data sources such as SAP Tables, SAP Table CDC, CDS Views, SAP Reports, SAP Queries, SAP BW Extractors, SAP Functions and more, without utilizing the ODP framework. In addition, with our Table CDC component and support for Open Mirroring, incremental data loads into Microsoft Fabric can be enabled with ease.

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Comparison: Microsoft Azure and Fabric Data Factory vs. Xtract Universal (Focus: SAP Integration)

Aspect	Microsoft Azure and Fabric Data Factory	Xtract Universal (with Fabric Mirroring)
SAP Connectivity	Limited to SAP BW queries, SAP HANA database and SAP Table connectivity; other connectors depend on ODP over RFC APIs	SAP-certified connectivity for broad range of SAP source objects, not dependant on ODP over RFC APIs: Tables, Table CDC, CDS Views, ABAP Reports, ERP Queries, Functions/ BAPIs, BW Queries, DataSources/BW Extractors, OData Services, ODP over OData APIs
Change Data Capture	Dependent on SAP ODP over RFC APIs, which has been restricted by SAP	Table CDC, optimized for use with Fabric Mirroring. No dependancy on SAP ODP framework.
Support for Fabric Open Mirroring	Currently not available for SAP	Built-in
Scale for Large Data Volumes	For large volume Table extraction, customer has to develop own function module or utilize existig SAP function module	Function module is delivered with solution, proven for very large data volumes and with support for packaging and SAP batch job mode.
Ease of Setup	Cloud-native SaaS experience, with more complex SAP extraction configuration	Simple and fast setup and configuration - no coding required
Automation & Data Flows	Flexible orchestration with pipelines	Flexible automation that works with Data Factory and other automation tools
Use Case Fit	General-purpose platform with limited SAP capabilities	Purpose-built for SAP – complements the Microsoft Azure and Fabric with deep SAP integration

3.2   Flexible Alternatives for Data Extraction and Replication

Xtract Universal is built to support a variety of extraction methods and offers several key alternatives to the ODP component, ensuring seamless SAP data integration:

Table and Table CDC Components›
For transactional and master data, the Table component provides direct access to SAP tables, while Table CDC (Change Data Capture) replicates only the changed records. This ensures efficient and incremental data updates, reducing the load on both the source system and the network. The Table CDC component is ideal for use with Open Mirroring in Fabric, to keep SAP data sources synchronized with Fabric OneLake.

DeltaQ for SAP DataSources and Extractors›
DeltaQ allows companies to continue using SAP DataSources (SAPI extractors) to pull incremental data, ensuring that the discontinuation of ODP doesn't disrupt data replication processes.

OData API›
As an alternative to ODP, Xtract Universal is now offering support for SAP's OData API, enabling access to data in a compliant and future-proof manner.

BW Cube and OHS Components›
For SAP NetWeaver Business Warehouse (BW) and BW/4HANA environments, Xtract Universal offers integration through BW Cube and OHS components, which are unaffected by the SAP Note. These components allow for efficient extraction of large volumes of data for business analytics.

3.3 Seamless Integration with Microsoft Fabric OneLake and Open Mirroring

Xtract Universal offers a powerful and flexible solution for integrating SAP data into Microsoft OneLake. SAP data can be replicated to Delta Lake tables, utilizing the Open Mirroring functionality in Fabric. In addition, Xtract Universal enables the replication of SAP data into CSV, Parquet, or JSON files in OneLake. The seamless connection between Xtract Universal and Microsoft Fabric allows organizations to achieve centralized and scalable data management. This integration lays the foundation for efficient data analysis and enables companies to make better and faster decisions based on the relevant data and become even more successful.

Centralized Data Storage in one Repository›

By replicating SAP data into Microsoft OneLake, Xtract Universal enables businesses to consolidate their datasets in a single, scalable data lake repository. This centralization simplifies both historical and real-time data management, enabling deep insights using Fabric's advanced analytics and machine learning capabilities. It also enhances data accessibility and reliability within the Microsoft Fabric ecosystem – across the organization.

Support for Multiple Microsoft Destinations›

Xtract Universal offers flexible integration not just with OneLake but also with various Microsoft destinations, including Azure Data Lake Storage, Azure SQL, and Azure Synapse Analytics, and Power BI.
This flexibility allows organizations to build scalable data pipelines that meet their unique needs for storage, analysis, and business intelligence. By accommodating various data platforms, Xtract Universal ensures that companies can create tailored data architectures without the constraints of a one-size-fits-all solution.

Near Real-Time Data Integration›

Xtract Universal enables near real-time data replication into Microsoft Fabric, based on the Open Mirroring functionality, ensuring that business-critical information is available with minimal latency.
Whether integrating financial data for near-instant reporting or synchronizing sales data for actionable insights, Xtract Universal's near real-time integration enhances decision-making and operational efficiency.

Optimized for Microsoft Power BI and Synapse Analytics›

With native support for Microsoft Power BI and Synapse Analytics, Xtract Universal enhances the overall analytics and reporting experience. Power BI users can directly connect to the SAP data replicated in OneLake or Azure environments, creating rich, real-time visualizations.
For more complex data modeling and AI-driven insights, Synapse Analytics further leverages the full power of SAP data across the enterprise.

4. Use Cases: How Companies Benefit from Integrating SAP Data into Microsoft Fabric>

Across various industries and business sectors, there is a growing need to seamlessly integrate SAP data into modern data platforms like Microsoft Fabric to enable faster, more accurate, and data-driven decision-making. Below, we present three concrete use cases that demonstrate how companies can leverage SAP data integration into Microsoft Fabric—with the support of Xtract Universal—to gain valuable insights, improve data availability, reduce costs, and enhance data security.

4.1   Optimized Data Analysis for Controlling Teams

The challenge>

Finance and controlling teams need access to accurate, up-to-date financial data to make informed budgeting decisions and ensure financial stability. Traditional SAP systems often store this data in silos, making it difficult to extract and replicate for real-time analysis.

Solution with Xtract Universal and Microsoft Fabric>

With Xtract Universal, finance teams can efficiently replicate SAP data directly into Microsoft OneLake, leveraging Microsoft Fabric's Open Mirroring capabilities. This integration supports the seamless merging of all incoming incremental SAP data into Fabric Delta Tables, ensuring that data is always up-to-date and ready for analysis. This central storage enables access to near real-time and historical financial data that can be analyzed in Microsoft Fabric. The Table CDC feature ensures that only updated data is transferred, reducing latency and making near real-time analysis possible. Microsoft Fabric's Open Mirroring technology further enhances this process by providing a low-latency, cost-effective solution for data replication, eliminating the need for complex ETL processes and allowing for continuous, near real-time synchronization of data. With Microsoft Fabric's advanced analytics, this consolidated data can be further analyzed, enabling better financial planning.

Benefits and Outcomes>

With this solution, the controlling team can immediately identify where cost savings can be made or where investments are needed, leading to faster and more accurate financial planning and decision-making.

4.2   Enhanced Data Availability for Sales Teams

The challenge›

Sales teams need access to up-to-date customer data, sales figures, and analyses to proactively respond to market changes and adjust sales strategies. However, accessing and consolidating data from SAP systems, especially for remote or distributed teams, can be cumbersome.

Solution with Xtract Universal and Microsoft Fabric›

Xtract Universal enables seamless replication of SAP data into Microsoft OneLake, providing sales teams with a unified view of customer data and sales figures. By integrating Table CDC with Fabric Open Mirroring, sales teams can access data in near real-time across different platforms and devices, empowering sales teams to adjust their strategies dynamically. Using Power BI in combination with Microsoft Fabric allows for in-depth analysis and actionable insights. This integrated solution streamlines data management, reduces latency, and enhances overall sales performance by providing a continuous flow of accurate and timely data.

Benefits and Outcomes›

Sales representatives can analyze customer data and sales figures in near real-time, adjust sales strategies, and optimize customer engagement to achieve their sales targets. This improves responsiveness and enhances the efficiency of the entire sales team.

4.3   Cost-Efficient and Secure Data Management for IT Teams

The challenge›

IT departments face increasing pressure to manage data efficiently while ensuring security and minimizing costs. Fragmented data storage across different systems can lead to redundant data and increased management complexity.

Solution with Xtract Universal and Microsoft Fabric›

Xtract Universal simplifies SAP data integration by consolidating it into Microsoft OneLake, leveraging Change Data Capture (CDC), reducing redundancy and lowering management costs. This approach, combined with Microsoft Fabric's Open Mirroring feature, enables seamless and near real-time synchronization of SAP data into OneLake, eliminating the need for complex ETL processes and reducing data redundancy. By leveraging Microsoft Fabric's advanced data security and scalability, IT departments can ensure secure, compliant data management. Xtract Universal supports various Microsoft destinations, such as Azure Data Lake and Azure SQL, providing flexibility for different use cases.
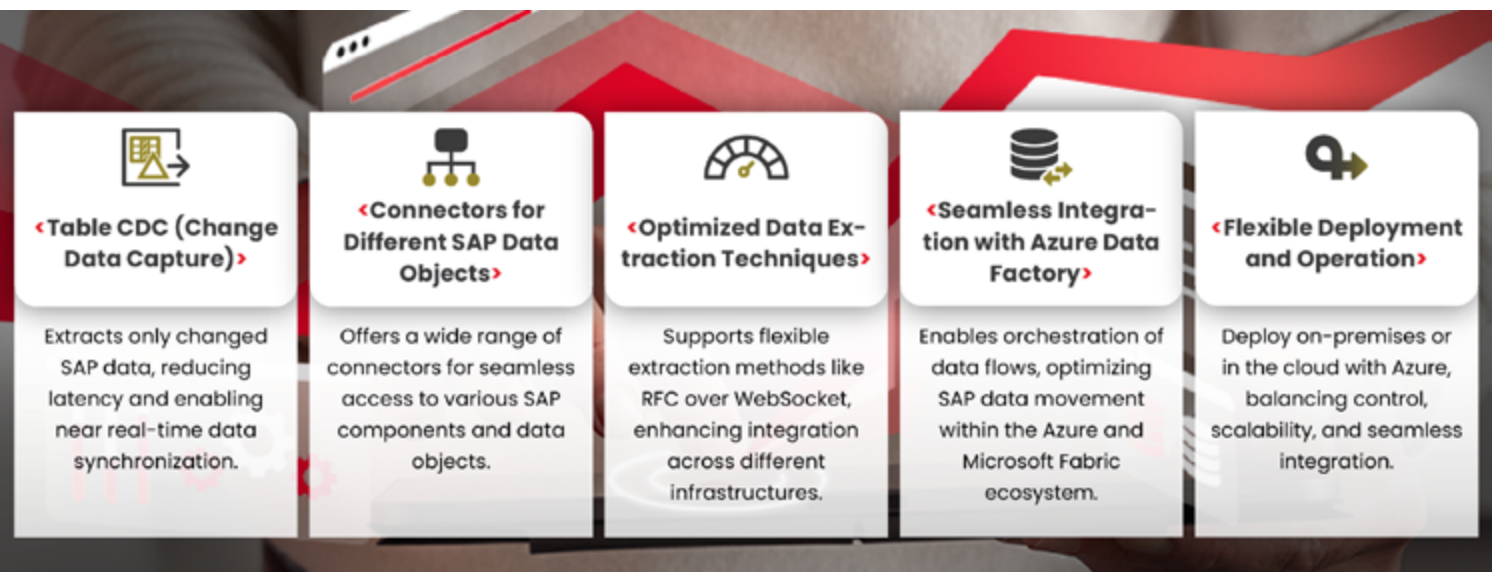
Benefits and Outcomes›

Centralized data management significantly reduces administrative overhead and associated costs. The IT department can focus on strategic IT projects and increase efficiency while maintaining control over the data infrastructure.

These use cases are just a few examples of how companies can optimize their business process-es and promote data-driven decision-making by integrating SAP data into Microsoft Fabric—with the support of Xtract Universal.

However, the possibilities are far from exhausted: for companies across various industries and departments that use SAP, there are numerous other use cases. Whether it is optimizing supply chains, improving product development, meeting strict compliance requirements, or other use cases—the combination of Microsoft Fabric and Xtract Universal makes it possible to support the specific challenges and goals of each company and develop a flexible, future-proof data strategy.

5. Technical Components and Features of Xtract Universal >

‹Table CDC (Change Data Capture)›

Extracts only changed SAP data, reducing latency and enabling near real-time data synchronization.

‹Connectors for Different SAP Data Objects›

Offers a wide range of connectors for seamless access to various SAP components and data objects.

‹Optimized Data Ex-traction Techniques›

Supports flexible extraction methods like RFC over WebSocket, enhancing integration across different infrastructures.

‹Seamless Integra-tion with Azure Data Factory›

Enables orchestration of data flows, optimizing SAP data movement within the Azure and Microsoft Fabric ecosystem.

‹Flexible Deployment and Operation›

Deploy on-premises or in the cloud with Azure, balancing control, scalability, and seamless integration.

Integrating SAP systems with modern platforms like Microsoft Fabric presents many challenges for companies, including the technical complexity of data extraction and the demands for security, perfor-mance, and flexibility. Xtract Universal offers a comprehensive solution tailored to these needs, providing robust and efficient data integration. The technical components and features of Xtract Universal play a crucial role in ensuring seamless integration and maximizing the value derived from SAP data.

Xtract Universal is renowned for its flexibility and optimized integration with Microsoft environments. This not only allows for centralized data management and analysis but also ensures seamless synchroniza-tion of SAP data with various Microsoft technologies in near real-time. The following technical compo-nents and features contribute significantly to this:

Table CDC (Change Data Capture)›

One of the key features of Xtract Universal is its Table CDC (Change Data Capture) capability. This feature extracts only the changed data from SAP tables rather than performing regular full data replications. This innovative approach reduces data latency significantly and improves processing efficiency, providing near real-time data synchronization without relying on SAP Operational Data Provisioning (ODP) Framework. This function is particularly valuable in scenarios where data currency is critical, such as financial analysis or reporting.

Connectors for Different SAP Data Objects›

In addition to Table CDC, Xtract Universal offers a wide range of connectors, each tailored to handle different SAP data objects. These connectors include Table, DeltaQ & ODP, BAPI, Report, SAP Queries, BW Cube, and BW Hierarchy. This extensive range of connectors ensures comprehensive integration and access to diverse SAP components and data, covering the entire data landscape.

OData Protocol Support for SAP S/4HANA On-Premises and Cloud Systems:›

Xtract Universal now extends its capabilities beyond classical RFC access by supporting the OData (Open Data) protocol, enabling seamless data integration from both SAP S/4HANA on-premises, private and public cloud versions. This modern, standardized web protocol simplifies the way applications query and interact with SAP data, making it easier to integrate with a wide variety of platforms and services. With OData support, organizations can accelerate their digital transformation by enabling real-time, secure, and flexible access to SAP business data. OData services can be build in SAP on-premises systems using the SAP Gateway Service Builder. On SAP cloud systems, the OData services are accessible via Communication Arrangements. The OData extraction type supports OData V2 and OData V4.

Operational Data Provisioning (ODP) Access via OData Services›

Xtract Universal supports accessing the Operational Data Provisioning (ODP) framework through OData services, enabling efficient and scalable extraction of delta-enabled business data from SAP systems. ODP is SAP's recommended approach for handling real-time data replication and change data capture, and combining it with OData allows for lightweight, standards-based integration across both cloud and on-premises environments. This feature ensures that consumers always have access to the most up-to-date information without the need for full data loads.

RFC WebSocket Access to BAPIs and Function Modules in SAP S/4HANA Public Cloud›

Xtract Universal now also enables direct access to Business Application Programming Interfaces (BAPIs) and Function Modules in SAP S/4HANA Public Cloud via RFC WebSocket technology. This innovative approach brides the gap between cloud-hosted SAP systems and external applications by providing a reliable, real-time communication channel that preserves the familiar RFC programming model, even in cloud-native environments.

Seamless Integration with Azure Data Factory›

Integration with Azure Data Factory is another central advantage of Xtract Universal. This integration enables comprehensive orchestration and management of data flows and workflows within the Microsoft Azure environment. It optimizes the entire data integration process—from the SAP system through Xtract Universal to final analysis in Microsoft Fabric—ensuring smooth data movements and increased traceability and transparency in data management.

Flexible Deployment and Operation›

Xtract Universal offers companies the flexibility to deploy the solution either on-premises or in the cloud. The on-premises option provides better control over physical infrastructure and data security, while deployment as a virtual machine (VM) in Azure offers benefits such as scalability, easy management, and seamless integration with other Azure services. This choice ensures that companies can select the deployment model best suited to their specific requirements.

The combination of these technical capabilities makes Xtract Universal a powerful and flexible solution for companies looking to integrate SAP data into Microsoft Fabric and leverage the comprehensive functionality and scalability of the Microsoft environment.

Through real-time replication and flexible adaptation to existing business processes, Xtract Universal helps organizations fully exploit the benefits of Microsoft Fabric and make data-driven decisions more quickly and securely.

In addition, the alternative approaches – OData, ODP via OData and RFC via WebSocket - allow companies to use different connection types based on their needs and infrastructure, providing greater flexibility in data integration. They offer unique benefits and use cases that complement conventional data transfer options, giving businesses more flexibility in their data integration strategies.

6. Xtract Universal – Future Developments and Roadmap›

To make SAP system integration more effective and user-friendly, Theobald Software is continuously enhancing its Xtract Universal platform to meet the evolving needs of today's SAP landscapes. Recent enhancements include broad support for OData-based access to SAP systems — enabling seamless data integration from both SAP on-premises and cloud environments. Support for SAP S/4HANA Public Cloud is already available and will be continuously extended to cover even more scenarios, helping companies future-proof their integrations as they adopt cloud-first strategies.

Additionally, direct connectivity to SAP Concur is now supported, making it easier for businesses to extract and integrate expense and travel data into their analytics pipelines and downstream systems. Further expanding the portfolio, support for systems like SAP Ariba is already on the roadmap, reflecting Theobald Software's commitment to enabling end-to-end visibility across the SAP ecosystem.

In response to the growing demand for real-time, event-driven architecture, Theobald Software is also planning to introduce native support for Apache Kafka and Azure Event Hub. These integrations will allow companies to efficiently stream both near real-time and incremental SAP data into distributed systems, accelerating data-driven decision-making and enabling scalable automation across hybrid and cloud-native environments.

Lastly, the roadmap also includes enhanced support for modern Lakehouse storage formats, including Apache Iceberg. This will allow businesses to efficiently store and manage large volumes of SAP data in an open and query-optimized format, particularly when combined with platforms like Microsoft Azure and Microsoft Fabric Open Mirroring. These capabilities will empower organizations to bridge operational and analytical workloads, enabling seamless synchronization between SAP data and next-generation cloud analytics platforms.

Another significant step on the roadmap is the introduction of **Xtract Cloud**, the new Software as a Service (SaaS) platform by Theobald Software. As part of this offering, customers will have access to a **cloud-based Xtract Universal service**, providing enhanced scalability and flexibility. This makes it ideal for organizations looking for a simplified and efficient cloud data integration solution.

With the new SaaS option **Xtract Cloud**, companies can get started quickly, reduce infrastructure overhead, and benefit from a highly scalable approach to SAP data integration. These planned developments demonstrate Theobald Software's commitment to delivering innovative solutions that keep pace with the evolving data landscape.

7. Next Steps to Optimize Your Data Strategy❯

The deprecation of the ODP connector for Azure Data Factory and Synapse pipelines is more than just a technical hurdle—it's a signal to revisit and realign your broader SAP data strategy.
Instead of patching isolated issues, now is the time to adopt a resilient, future-ready integration approach. With Xtract Universal, you can build a solid foundation for secure, scalable, and transparent data integration between SAP and Microsoft platforms. Whether you're working with OneLake, Microsoft Fabric, or hybrid data architectures, Xtract Universal offers flexibility through a modular approach— including Table, Table CDC, DeltaQ, OData API, and an upcoming ODP extension.

This enables you to migrate or modernize your data landscape at your own pace, ensure continuity for critical data pipelines and remain flexible for future developments from SAP and Microsoft. Xtract Universal is not only distinguished by its current features but is also well-prepared for future developments. With upcoming features like Azure Event Hub and the forthcoming SaaS option, companies are well-positioned to tackle the challenges of digital transformation.

Discover how you can simplify your SAP data integration with Xtract Universal. Make the most of Microsoft Fabric and Open Mirroring for your SAP data integration by joining our <u>Premium Customer Program</u> – and get exclusive benefits! <u>Take advantage of a free 30-day trial</u> and experience firsthand how our solution can optimize your data strategy and support your organization on its journey to a data-driven future. For more information: <u>Contact the Theobald Software team</u> to learn more and discuss your customized solution.

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8. Links to further Information ›

› Xtract Universal Product Website https://theobald-software.com/en/xtract-universal/

› Xtract Universal and Microsoft Fabric Website Fabric https://theobald-software.com/en/micro-soft-fabric/

› Trial Version https://theobald-software.com/en/download-trial

› Success Stories https://theobald-software.com/en/resources/success-stories/

› Theobald Software HelpCenter https://helpcenter.theobald-software.com/xtract-universal/docu-mentation/introduction/

› Azure Storage Destination https://helpcenter.theobald-software.com/xtract-universal/documen-tation/destinations/azure-storage/

› Azure Synapse Analytics https://helpcenter.theobald-software.com/xtract-universal/documenta-tion/destinations/azure-synapse-analytics/

› (Azure) SQL Server https://helpcenter.theobald-software.com/xtract-universal/documentation/destinations/microsoft-sql-server/

› Power BI https://helpcenter.theobald-software.com/xtract-universal/documentation/destinations/Power-BI-Connector/

› Integration with Azure Data Factory https://helpcenter.theobald-software.com/xtract-universal/documentation/execute-and-automate/call-via-etl/#integration-via-azure-data-factory

› Guidance on SAP Note 3255746 about SAP ODP https://theobald-software.com/en/products-tech-nology-en/guidance-on-sap-note-3255746-for-theobald-software-xtract-products/

› Alternatives for the ODP Extraction Type https://helpcenter.theobald-software.com/xtract-univer-sal/knowledge-base/alternatives-for-odp/?h=odp

› Access SAP via OData https://helpcenter.theobald-software.com/xtract-universal/documentation/odata/