a-solutions

a-Finteg

INTEGRATION FRAMEWORK

Seamless integration and advanced reconciliation with Dynamics 365 Finance

WHY a-Finteg?

a-Finteg is an industry-leading integration framework, developed as an extension to Microsoft Dynamics 365 Finance. The framework greatly enhances all business processes, financial planning, budget control, analysis and payments processing, by integrating any source system.

The mapping and transformation part is designed to process millions of transactions, making it unparalleled by any other integration framework for Dynamics 365 Finance.

a-Finteg has a built-in Accounting Rules Engine (a-RE). a-RE can transform business events happening in the source systems before they are imported to Microsoft Dynamics 365 Finance.

a-Finteg

By using a-Finteg, standard functionalities of Microsoft Dynamics 365 Finance remain unchanged. The only development required, is mapping of Proprietary Model (which are the source system files) and the a-Finteg Data Model. Everything else, including the communication setup, is configurable within a-Finteg in the Microsoft Dynamics 365 Finance user interface.

KEY BENEFITS

Decrease costs and increase ROI
Due to its advanced properties, a-Finteg requires less source system licenses and low number of implementation hours

Reduce implementation time
a-Finteg is proven to cut down integration implementation time by 75% compared to competitors

Enhance functionality
The mapping and transformation part of a-Finteg is designed to process millions of transactions, making it unparalleled by any other integration framework for D365 F&O

Lower risk
a-Finteg reduces risks arising from integration between the source system and Dynamics 365 Finance

Quality and consistency
a-Finteg transforms the data into a standardized a-Finteg Data Model. Along the process, data quality and consistency standards are enforced.

Hands-on experience with major CBS
a-Finteg has a built-in Accounting Rules Engine (a-RE) that can transform business events happening in the source systems before they are imported to Dynamics 365 Finance.

The Accounting Rules Engine is a premier built-in extension of a-Finteg that can transform business events happening in the source systems before they are imported to Microsoft Dynamics 365 Finance

a-RE

Transform business events and accelerate transaction posting

With agility and accuracy in mind, our team has developed a purpose-built extension to Microsoft Dynamics 365 Finance. The Accounting Rules Engine (a-RE) transforms business transactions/events or financial transactions into accounting transactions, enhancing, and accelerating the accounting cycle.

The Accounting Rules Engine (a-RE) is part of a-solutions' integration framework a-Finteg. a-RE depends on a-Finteg for the source data in an a-Finteg Data Model.

The outcome of the a-RE are accounting transactions which are aggregated and posted in the General Ledger in Dynamics 365 Finance. The aggregation criteria are configurable by users in the Microsoft Dynamics 365 Finance user interface.

The aggregated accounting transactions are subjected to General Ledger verification rules (accounting structure, financial dimension values, dates, etc.), and if all transactions pass this validation phase, the aggregated accounting transactions are posted in a journal in the General Ledger. Before posting the General Ledger journal based on configuration of the journal there is an out of the box functionality to submit the journal to a workflow approval process.

KEY BENEFITS

| Transform business events | Low number of postings in GL | Enrich transactions with additional dimensions | Big data storage and disaster recovery |

General Ledger transactions import

The business and financial transactions coming in from the source systems are mapped to an a-Finteg Data Model and then matched against a set of rules that are configured by users in the Dynamics 365 Finance user interface. The outcome of the accounting rules are accounting transactions.

As part of the process, the accounting transactions can be enriched with additional financial dimensions. The accounting transactions are then aggregated according to aggregation criteria that are also configurable by users in the Dynamics 365 Finance user interface. The aggregated accounting transactions are subjected to General Ledger verification rules (accounting structure, financial dimension values, dates etc), and if all transactions pass this validation phase, the aggregated accounting transactions are posted in a journal in the General Ledger.

Before posting the General Ledger journal based on configuration of the journal, there is an out of the box functionality to submit the journal to a workflow approval process. a-Finteg includes a strong audit trail that is based on an intuitive integration log, as well as complete drill through transactions received as source data and accounting transactions that are outcome of the a-RE and General Ledger postings in Dynamics 365 Finance. The audit trail is available within Dynamics 365 Finance user interface.

Vendor payments automation

The vendor payment automation feature significantly reduces manual work in payments processing. Vendor payments journals are created automatically in D365 F&O based on user defined criteria and then sent to the bank in a bank specific format for payment processing. Following payment, a status report is received in D365 F&O. Based on the payment status of each line, the paid are posted and the unpaid are transferred to another journal for further processing within D365 F&O.

Advanced reconciliation process

Reconciliation is crucial for financial operations- for checking accuracy, unexpected discrepancies, fraudulent activities, preventing balance sheet errors and General Ledger reconciliation. a-Finteg provides insightful data of each step of the process and thus facilitates the reconciliation.

Direct and secure communication

Sensitive data must be handled in a secure way. a-Finteg allows encrypted and secure communication between Microsoft Dynamics 365 Finance and financial institutions. a-Finteg includes intelligent logging framework that logs all communication in/out of Microsoft Dynamics 365 Finance. It supports REST/SOAP web services, Azure Storage, SFTP/FTP, ODBC/JDBC.

Elevated reporting and analysis

All the important data that the source system provides to Microsoft Dynamics 365 Finance is combined with the desired Financial Dimensions, elevating reporting, and analysis to a higher level.

FEATURES

Summary & transactional level of integration	Intuitive user interface	75% less time for implementation	Real-time reporting and overview
Hands-on experience with major CBS	Encrypted & secure communication	Full integration with D365 F&O	Robustness & flexibility of the framework

a-solutions

a-solutions is a leading company in building models that combine digital innovation with superior technical execution, while providing optimal customer support.

- Founded in 1999 in Copenhagen, Denmark with delivery centers in Europe, Middle East and Africa

- a-solutions specializes in technology consulting services within Microsoft Dynamics 365 Finance.

- A team with diverse nationalities and collective experiences globally

INFORMATION

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