Kyriba Microsoft Dynamics 365 Finance API Integration

Unleash the Power of Enterprise Liquidity Performance
with Microsoft Dynamics 365 Finance and Kyriba

A Secure and Scalable Connectivity Solution

Kyriba's API integration for Microsoft Dynamics 365 Finance (D365) accelerates payments and bank connectivity projects, eliminates project risk and drastically reduces connectivity costs. The Kyriba D365 integration centralizes payment activity, fully manages bank connectivity and delivers superior fraud detection and visibility. It also provides a full suite of out-of-the-box ERP workflows for cash management, GL reconciliation, GL export, FX balance sheet and bank statement export.

With one API gateway, clients can connect via Kyriba to over 1,000 global banks, supported by an extensive format library of 50,000 pre-developed and pre-tested payment scenarios. Kyriba's connectivity solution relieves IT development and maintenance burdens by managing future connectivity and format changes while monitoring connectivity performance 24/7.

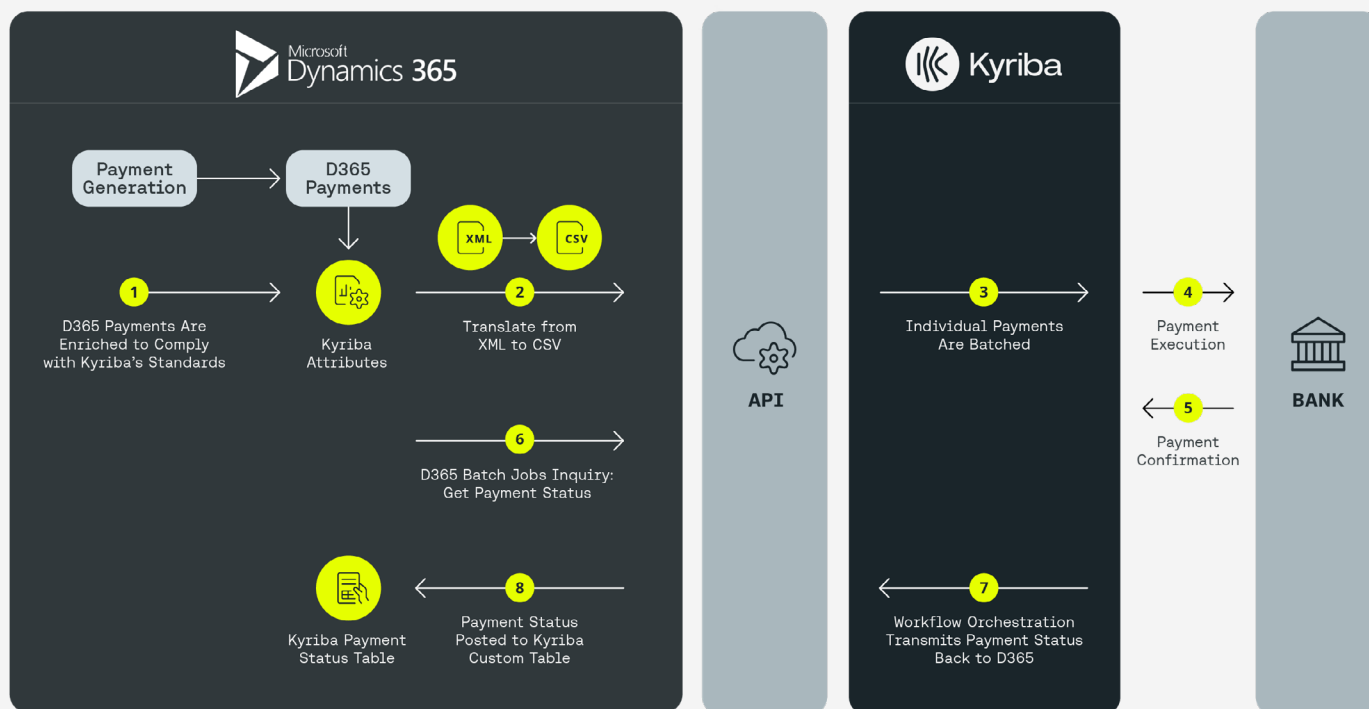## Major Benefits of Using Kyriba D365 Integration Solution for Payments Workflow

	With Kyriba D365 Integration	Without Kyriba D365 Integration
Configuration & Installation	• Pre-built data extract, mapping and transmission from D365 systems to Kyriba • All bank connectivity and payments formats are managed by Kyriba • A tested and proven solution • Benefit from the latest developments (e.g., latest D365 version support and PSR updates)	• Develop custom data extract and transmission from D365 systems to Kyriba • Define and maintain mapping for payment scenarios in D365 • Develop custom process monitoring • Time-consuming testing of extracts
Payment Processing	• Immediate payment transmission to banks, via Kyriba, upon batch completion • Integrated workflows transmit encrypted HTTP • No intermediate files created	**Connected via SFTP:** • Require the Kyriba FTP server for intermediate file creation and storage • Explicit file encryption/decryption **Direct to Kyriba API:** • Custom API workflow orchestration and exception management
Payment Monitoring	• Track and monitor the status of all payments across banks • Identify and take immediate action for payment exceptions	• Separate D365 module required for bank connectivity monitoring • Lack of visibility to payment status across banks • Extra effort to identify and resolve payment exceptions

The Kyriba D365 API Integrated Payments Workflow Explained

The integration between D365 and Kyriba allows clients to submit and monitor payments and direct debits using D365 with automated workflow into the Kyriba Platform.

1. D365 payments are translated to comply with Kyriba's standard payment information. Kyriba's custom table provides mapping of relevant information.

2. D365 payments are translated from XML to CSV and sent to Kyriba as individual payment requests.

3. Payment requests are batched in Kyriba.

4. Batched payment orders are sent to associated banks to be executed.

5. Payment confirmation is sent by the banks to the Kyriba application.

6. Inquiries are scheduled in D365 ERP to retrieve payment acknowledgments from the Kyriba application.

7. Payment status updates are transmitted to D365 ERP through API integration.

8. Payment status is posted to Kyriba's custom table.

Microsoft Dynamics 365

Payment Generation → D365 Payments

1. D365 Payments Are Enriched to Comply with Kyriba's Standards

Kyriba Attributes

2. Translate from XML to CSV (XML → CSV)

6. D365 Batch Jobs Inquiry: Get Payment Status

8. Payment Status Posted to Kyriba Custom Table → Kyriba Payment Status Table

API

Kyriba

3. Individual Payments Are Batched

7. Workflow Orchestration Transmits Payment Status Back to D365

4. Payment Execution

5. Payment Confirmation

BANK

Kyriba D365 API integration also supports cash management, GL reconciliation, GL export, FX balance sheet and bank statement export workflows.

Kyriba D365 API Integration for Cash Management Workflow

Supporting cash flow forecasting and positive pay. The automated workflow facilitates:

- Open customer and vendor invoices
- Non-Kyriba payments, such as checks
- Other GL entries to support cash forecasting

Kyriba D365 API Integration for GL Export Workflow

Providing a cash accounting solution, sending GL entries created in Kyriba to the ERP. Main features include:

- Export of GL entries from Kyriba
- Export of GL entries not otherwise reported to the ERP

Kyriba D365 API Integration for Bank Statement Export Workflow

Exporting bank statements to ERPs. The automated workflow features:

- Extract of bank statements in a format accepted by ERPs
- Export contains prior day/intra-day data, depending on the ERP

Kyriba D365 API Integration for GL Reconciliation Workflow

Facilitating reconciliation of bank transactions to accounting. It eliminates error-prone manual entry with:

- Import of bank account entries from the ERP
- Posting of GL adjustments back to the ERP

Kyriba D365 API Integration for FX Balance Sheet Workflow

Extracting balances for FX analysis (previously as FireApps). Main features include:

- Extract of life-to-date balances for assets and liabilities
- Balances aggregated by entity, currency and GL account in document, local and reporting currencies

For more details, check out the Kyriba Developer Portal.

FAQs on Kyriba D365 API Integration

→ Do different D365 platforms require different installations?
Yes. The current package is for Microsoft Dynamics 365 Finance. For other platforms please refer to the generic/standard API interface Kyriba offers.

→ What are the D365 releases Kyriba supports?
Kyriba follows the D365 release updates. Please visit the Kyriba Developer Portal for more information.

→ What authentication schemes does the integration use?
The integration uses REST API with Basic Authentication or OAuth2.

→ Can clients connect to multiple ERP systems?
Yes, Kyriba ERP Connectors support the integration of multiple ERPs, including NetSuite, Oracle Cloud, SAP S/4HANA and ECC.

→ Are payment transfers batched?
All payment transfers are batched in Kyriba. Technically, clients could send a single payment request to Kyriba.

→ What payment types are supported?
The integration supports payment request imports and payment status updates for vendor payments, treasury, direct debits and checks.

→ How long does it take to connect my ERP to Kyriba?
Historically, installation and API connectivity take 2-5 days, depending on the complexity of a client's configuration and modules in scope. Kyriba D365 API integration reduces the cost, risk, time and effort required to connect D365 Finance to Kyriba.

Kyriba