



# Integration Engine

**Cloud–Cloud and Cloud–OnPrem** framework enabling secure bi-directional, real-time and scheduled data transfer with ABBYY Vantage



end-to-end observability

## Customer Challenge

- ▶ Intelligent Document Automation is *always* part of a process that must deliver data to destinations; often IDP will require access to externally sourced data to enhance extraction.

ABBYY Vantage provides a robust API and scripting support for bespoke solutions but needs developers to deliver external connectivity.



30+ existing connectors

## Enhancing ABBYY Vantage

- ▶ Integration Engine delivers turn-key connectivity for ABBYY Vantage (and FlexiCapture) via 30+ common ERP, document and database connectors.

Scheduled catalogue update from cloud or on-premise systems become a breeze; secure, event-driven delivery of data to destinations can be achieved with low-to-no code.



plugin architecture



# Integration Engine

## Typical Use Cases

### Cloud–Cloud data export

- ▶ Use Integration Engine to facilitate low-config document/data export to multiple destinations in a single, observable operation.

**Example:** extracted order data pushed to SAP B1, with PDF simultaneously sent to Sharepoint Library

### Bi-Directional On-Prem–Cloud–OnPrem integration

- ▶ Communication with on-premise systems or private cloud environments remains a significant challenge for many clients, often requiring firewall exceptions and risking exposure of internal systems never designed to operate openly.

Integration Engine's communication framework ensures data is securely emitted and polled via our on-premise agent, with no custom firewall configuration required.

Our platform supports originator encryption with destination-only decryption, ensuring zero-access data security in transit—even when via our own infrastructure.

**Example:** daily scheduled Vantage catalogue updates from on-premise data sources, with "direct" real-time exports from Vantage returning to internal SQL Server databases.

## Benefits

- Standardise connectivity framework across projects
- Reduce implementation time and risk
- Support hybrid on-premise and cloud
- Introduce observability across connections
- Customer extendable using NET Core plugins SDK

## Key Features

- Event driven framework for real-time results
- Rich plugin capability with growing connectivity library
- Open Telemetry support
- Data transformation and normalisation
- Simple workflow configuration with success/fail exits for every node
- Secure OTA update mechanism for OnPrem agent allows versioned configuration change and new/updated plugin delivery

## Delivering Connected Document Automation

Integration Engine enables low-configuration, end-to-end data delivery from ABBYY Vantage to multiple destinations in a single, secure and observable operation.