

Flowbuilder

VISUAL ORCHESTRATION. ENTERPRISE STRENGTH

Flowbuilder transports, transforms, and integrates your data with your communication systems. Now you can integrate and build custom communication with ease. ENIT has purpose-built modules; specialized for your CCM/CXM needs.

Why use Flowbuilder?

Flowbuilder helps organizations:

- Rapid development of integrations and process flows using a visual editor
- Enables hybrid and cloud-native architectures without replacing existing systems
- Cost-efficient and reliable integration platform
- Handles high volumes with proven performance
- Faster and more flexible than traditional CCM-based processing
- Easy maintenance and extensibility
- Library of purpose-built modules/plugins
- Short time-to-market with built-in deployment tools
- Supports both batch and real-time/on-demand processing

How Flowbuilder works – flexible and powerful

Flowbuilder consists of a server application and an intuitive web-based client for development and deployment. It serves as the main processing engine for incoming data, enabling transformation, enrichment, routing, and orchestration in accordance with business requirements.

Using Flowbuilder, data can be converted between formats, enriched with external data, routed to internal or external systems, and used for document generation (HTML/PDF) and delivery through multiple channels. All configurations are handled through Flowbuilder's graphical interface and deployed to runtime with a single click.



Visual development and ease of use

Flowbuilder provides a modern browser-based editor with a wide range of configurable nodes available in a palette. The graphical representation gives a clear overview of each flow, making it easy for new developers to understand, maintain, and extend existing solutions.

Developers can:

- Design and connect integration flows easily
- Implement custom JavaScript logic directly in the editor
- Test changes quickly and deploy with minimal effort
- Promote solutions from development to production in a controlled and efficient way

Integration and processing capabilities

Flowbuilder is designed for building robust and scalable integrations between software solutions.

It supports common integration patterns such as directory scanning, FTP transfers, database connections, and web services — through both default functionality and standard ENIT-built nodes. Supported data formats include XML, CSV, JSON, YAML, HTML, and PDF.

Connectors and delivery channels

Flowbuilder supports a wide range of connectors and output channels, making it a central hub for orchestrating both digital and physical document flows across the organization.

Supported connectors and channels include file, HTTP, Kivra, SparkPost email, SMS, printers (including Zebra printers for labels), ENIT Store (document archiving), and ENIT Tracking — enabled through ENIT's own purpose-built modules.





Build, deploy and runtime environment

Flowbuilder includes built-in support for modern DevOps and operational practices:

- Integrated with Git for version control, issue tracking, and collaboration
- CI/CD pipelines for automated testing and controlled releases
- Flexible configuration of logging and log levels
- Seamless integration with external monitoring and observability tools

Flowbuilder can be deployed on-premises or in private, public, or hybrid cloud environments, with cloud deployments benefiting from the platform's container-native design — enabling elastic scalability and high availability through standard orchestration tools.

Architecture and scalability

Flowbuilder is designed for enterprise-grade scalability and architectural flexibility. It can run in traditional server environments, containerized platforms, and hybrid setups, allowing organizations to start with targeted integrations and scale the platform into a central integration layer as cloud adoption and business needs grow.

Security

Flowbuilder supports OIDC/Keycloak authentication with role-based access control and encrypted credential storage. The build pipeline includes SAST scanning, vulnerability scanning, SBOM generation, and automated dependency audits.

