Process automation for strategic data assets

One platform to automate your complex, data-intensive processes

Automate Evolve is a process automation platform specifically designed to digitize strategic SAP data processes like product launches, customer and vendor onboarding, GL account setup, plant maintenance, and more.

It brings together enterprise-grade automation, robust data stewardship, and deep SAP integration capabilities, with a no-code, low code approach to solution design.

Automate Evolve is the next generation of our flagship automation platform, used by enterprise organizations across the globe to digitize complex data-intensive processes.

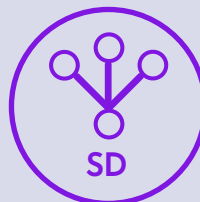|	
Enterprise-grade workflow & automation	Robust data stewardship
Deep SAP integration	No-code, low-code solution design

Use Automate Evolve to speed up processes and improve data quality across your SAP landscape and business functions. From manufacturing and supply chain to accounting and plant maintenance, you can empower people without SAP programming skills to digitize processes—reducing the burden on your core IT resources.
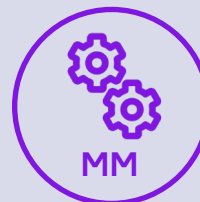
FI — Financial Accounting

CO — Controlling

SD — Sales and Distribution

MM — Materials Management

HR — Human Resources

PM — Plant Maintenance

AM — Asset Management

PS — Project System

PP — Production Planning
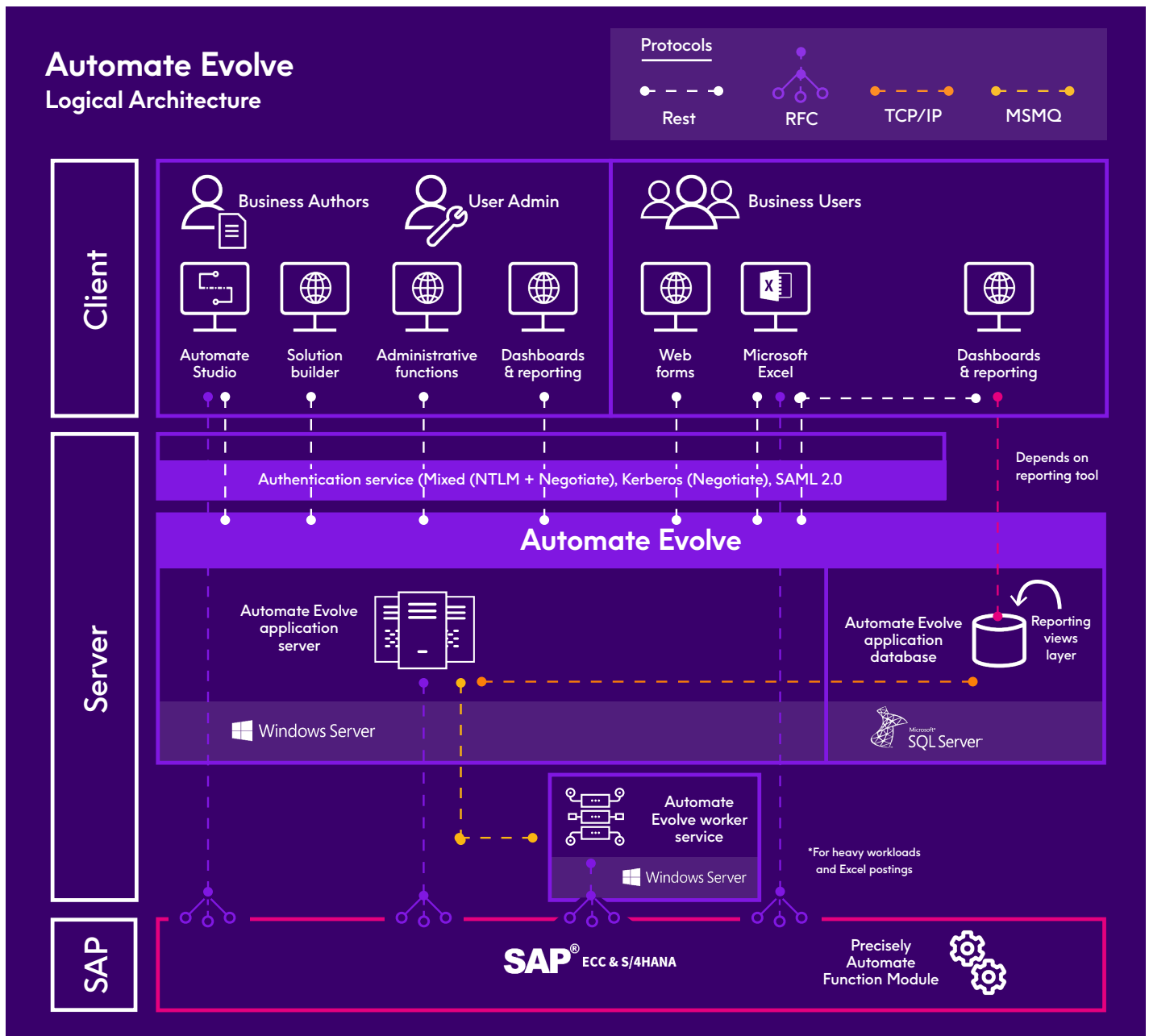
QM — Quality Management

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How it works

Business authors build automation solutions using a combination of Automate Studio, a desktop application, and the Automate Evolve solution builder functionality via a browser. Administrators manage all aspects of the Automate Evolve platform using the administration and reporting functionality via a browser.

Business users interact with Microsoft Excel workbooks with the Automate Studio add-in component or with web forms via a browser. These users access Evolve dashboards and reports through a browser or can use dashboards and reports built using third-party platforms.

Automate Evolve
Logical Architecture

Protocols

- – – – Rest
- RFC
- ----- TCP/IP
- ----- MSMQ

Client

Business Authors — Automate Studio | Solution builder

User Admin — Administrative functions | Dashboards & reporting

Business Users — Web forms | Microsoft Excel | Dashboards & reporting

Authentication service (Mixed (NTLM + Negotiate), Kerberos (Negotiate), SAML 2.0

Automate Evolve

Server

Automate Evolve application server

Windows Server

Automate Evolve application database | Reporting views layer

Microsoft® SQL Server

Depends on reporting tool

Automate Evolve worker service

Windows Server

*For heavy workloads and Excel postings

SAP

SAP® ECC & S/4HANA

Precisely Automate Function Module

All interactions with the Automate Evolve application server are performed by standard REST API protocols. The APIs are authenticated via an authentication service layer that supports Mixed (NTLM + Negotiate), Kerberos (Negotiate), and SAML 2.0.

The Automate Evolve application server interacts with the Evolve application database using TCP/IP protocols. The optional worker service (if set up) will interact with the Evolve application server through a standard Microsoft messaging infrastructure—MSMQ.

The Automate Evolve application server can directly connect to SAP or via the Automate Evolve worker service. Both platform elements use RFC to communicate with SAP. The Precisely Automate Function Module is installed on your SAP systems. Automate Evolve is certified for use with SAP ECC and S/4HANA.

For more technical information about Automate Evolve, including system requirements, please **contact us**.

Learn more about how we help SAP IT teams deliver more value to the business.

SAP® Certified
Integration with SAP S/4HANA®

Microsoft Partner
Gold Application Development
Gold Collaboration and Content