

CA Process Automation



At a Glance

Every IT organization needs orchestration of its many, often unique, resources, tools, processes and IT assets and an enterprise grade CA Process Automation solution should do just that, but also provide integration to a wide variety of common IT systems. To do this, CA Process Automation is composed of a set of modular components that support industry standard technologies but can also be adapted to unique environments. CA Process Automation enables enterprise organizations to design, deploy and administer automation of manual, resource-intensive and often inconsistent IT operational procedures in an integrated solution to address the complex needs of both traditional enterprises and service providers.

Key Benefits/Results

- **Speed service delivery** cycle time.
- **Greatly reduce time** to provision business services, applications and infrastructure.
- **Minimize manual errors** that cause outages.
- **Increase staff productivity** by freeing up resources for strategic projects.
- **Help achieve compliance** for process-driven configuration settings.

Key Features

- **Self-service.** Visual authoring tool speeds and simplifies automation from concept to production to help you save money and move forward faster.
- **Data bus.** Flexible and easy-to use data bus to support the most complex use case.
- **Visual exception handling.** Notification of exceptions when a process enters an unknown state and can automatically remediate the situation without having to restart the entire process.
- **Role-based access control.** Control exactly who is authorized to create and manage processes.
- **Superior architecture.** Supports scalability, high availability and fault tolerance on the widest set of platforms to execute hundreds of processes simultaneously.
- **Activity triggers.** Enables processes to have one or more activity type triggers, such as user interactions, in-bound API calls or schedules, driven where the response is represented by a process.

Business Challenges

Most organizations operate in silos and the lack of integration between departments and IT systems prevents many processes from being automated. Without automation, companies are burdened with manual, slow and inconsistent processes that take too long and cause service delivery to be delayed.

CA Process Automation is designed to speed the delivery of IT services while helping to remove manual errors. By defining, automating and orchestrating processes across organizational silos that use disparate systems, CA Process Automation helps improve productivity while also enforcing standards.

With CA Process Automation, you can:

- Automate IT processes across functional and technology silos.
- Reduce the time it takes to deliver services.
- Enforce standards and compliance policies across departments.

Solution Overview

CA Process Automation includes three main components:

Design. Using the automation library, designers can quickly create and test new processes. The library consists of hundreds of automation objects, enabling rapid design. Process designers may use either the graphical user interface or write scripts to automate new processes. Existing legacy automation scripts can also be imported into the version-controlled library and reused to help speed development.

Integration. A standard set of connectors provides integration to a wide variety of common IT systems. These connectors provide the ability to read and write data and to launch tasks within applications, operating systems and other IT components. Custom connectors can be built for connecting to legacy and proprietary IT systems by using the Custom Operator wizard.

Orchestration. Once in production, processes execute in a highly scalable and fault-tolerant environment. The web-based interface allows administrators to quickly see the status and state of each process being executed. As processes execute, each step is automatically recorded into an audit log.

Critical Differentiators

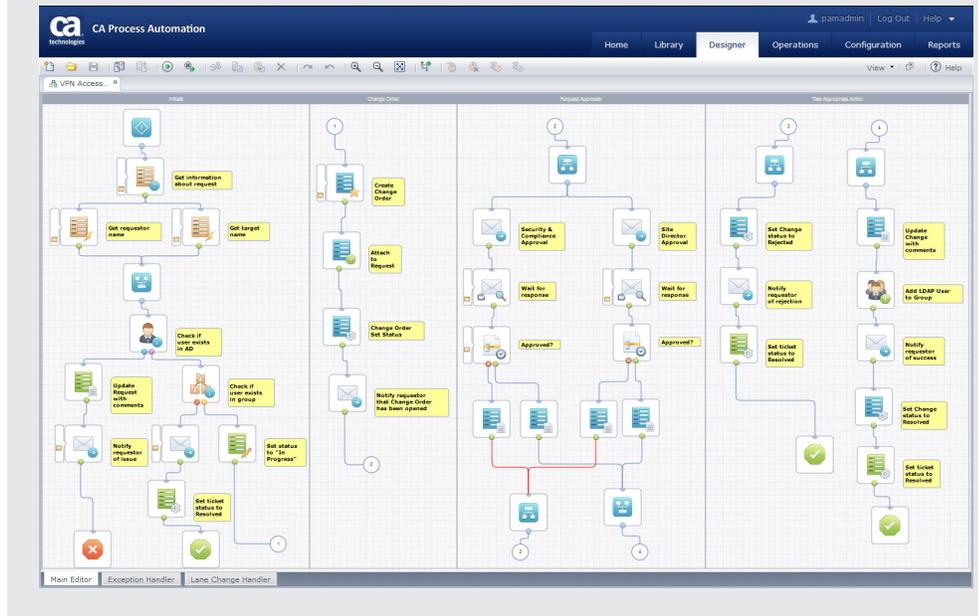
CA Process Automation is designed to facilitate integration with a broad selection of common IT infrastructure management systems and applications. We have developed a selection of prebuilt connectors and integrations that make it easier to implement CA Process Automation in your environment. With over 100 operators for process, workflow, logic and protocols, such as SNMP, XML, SOAP, REST, SSH, FTP, JDBC, SMTP/POP, LDAP, and JMX, you have the ability to rapidly create custom integrations using common CLI or standard web services.

Using the Custom Operator wizard, customers can extend the predeveloped connectors, covering common integrations, including:

- Collaboration
- Configuration and CMDBs
- Databases
- Event managers
- Networking
- OS, virtualization and cloud
- Service accounting
- Service catalogs
- Service desks
- Workload automation

With support across the entire CA Process Automation lifecycle, industrial grade architecture, exceptionally broad support for wide-ranging and complex IT processes and automation targets, and an integrated approach for automation solutions,

Only CA Process Automation uses easy-to-understand “swim lanes” to visualize, optimize and organize complex processes across functional and organizational boundaries.



CA Process Automation provides solid ROI on automation, a sustainable platform to meet your long-range automation goals, and strong security controls.

What's new?

CA Process Automation solution suite.

Integrated, easy-to-use interface provides end-to-end support to develop, test, deploy and maintain “solutions” of composite applications as a single unit.

CA Process Automation Connector SDK.

A group of optional extensions in the Process Designer that enable developers to create native connectors using Eclipse IDE to communicate with other CA Process Automation users.

Disaster recovery.

Provides the capability to restore servers or databases; if data center one goes down, data center two becomes active as a part of the disaster-recovery feature.

Related products/solutions

Collaborate across IT by leveraging CA Technologies solutions such as:

- CA Service Desk Manager
- CA Client Automation
- CA Configuration Automation
- CA Service Catalog
- CA Workload Automation
- CA IT Asset Manager
- CA Spectrum

For more information, please visit ca.com/us/Process-Automation

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.