infor

CHEAT SHEET

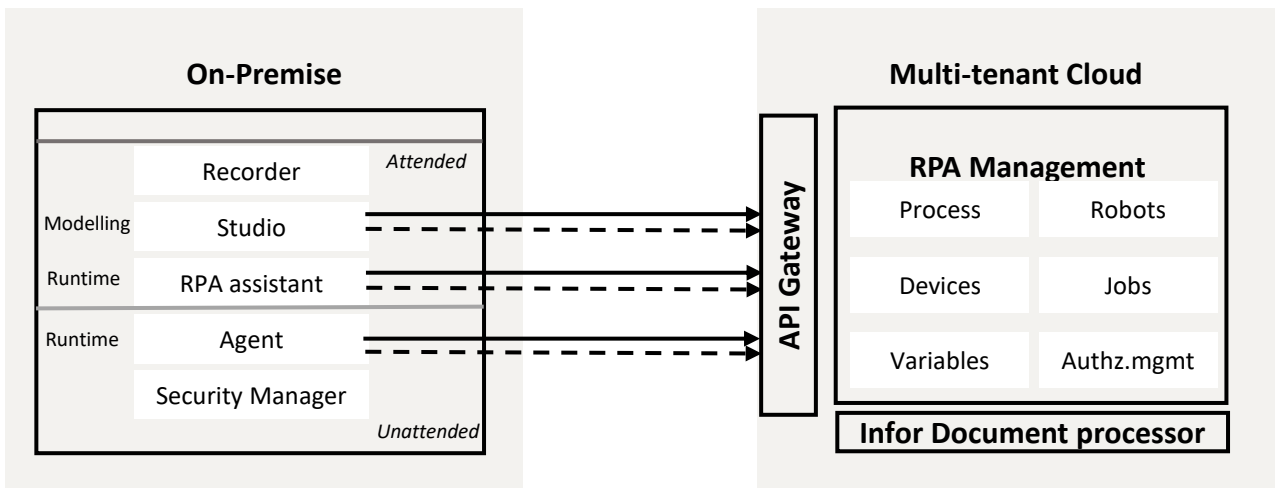# Robotic Process Automation (RPA)

📋 Key concepts & definitions

RPA	A technology that uses software robots or bots to automate rule-based, repetitive tasks in business processes, reducing manual effort and human error.
Bot	The software program or agent that performs tasks in an automated manner. It can mimic human interactions with computer systems.
RPA flow	A sequence of activities or steps that an RPA bot follows to complete a specific business process.
Process	List of all published RPA flows.
Job	An execution instance specific to a Process.
Device	A physical machine where the agent which executes the RPA process in unattended mode is installed Orchestration is the management and coordination of multiple RPA bots and processes to work together seamlessly, often through a central control system.

⬙ Components

RPA Studio	A comprehensive Integrated Development Environment (IDE) of Infor RPA. It features a sophisticated Rich Modeler that empowers developer to define RPA flows seamlessly, based on Windows Workflow Foundation
RPA Mastermind	An Infor RPA Engine which communicates between the on-premise installation and Multi-tenant cloud RPA Management to trigger the run of RPA processes
Management UI	The user Interface or the management of the execution of RPA plan
RPA Assistant	Plugin application installed to execute processes in an 'Attended' mode
Agent	Windows Service that executes the processes in an 'Unattended' mode
Recorder	Chrome based extension, allowing users to record a set of activities in the Chrome browser, generating an RPA flow of activities

On-Premise

Modelling	Recorder	*Attended*
	Studio	
Runtime	RPA assistant	
Runtime	Agent	
	Security Manager	
		Unattended

API Gateway

Multi-tenant Cloud

RPA Management

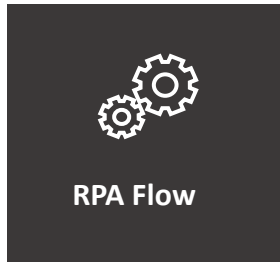| Process	Robots
Devices	Jobs
Variables	Authz.mgmt

Infor Document processor

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Attended vs. Unattended	Attended automation involves bots working alongside human operators to assist with tasks in real-time. Unattended automation, on the other hand, runs independently without human intervention, often in batch processing mode.

Attended

- User Initiated, On-Demand execution
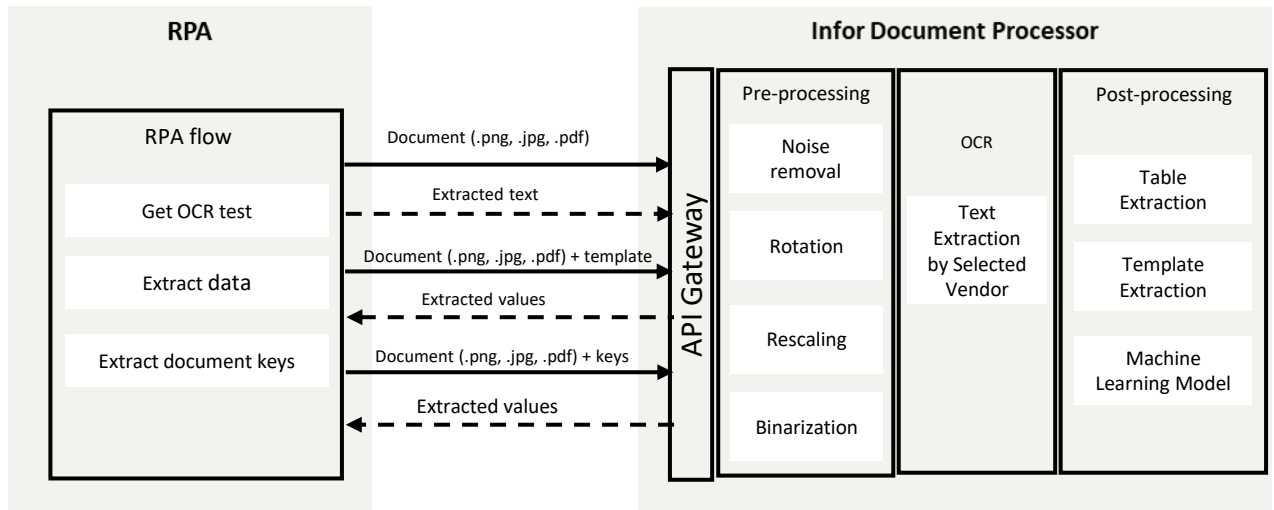
- Supervised by the User during execution

RPA Flow

Unattended

- Job initiated, Schedule driven, Invoked via APIs

- Typically, unsupervised during execution.

⊗ **RPA and IDP**

IDP	A service designed to recognize and extract text from images or documents.

RPA

RPA flow

Get OCR test

Extract data

Extract document keys

Document (.png, .jpg, .pdf) →
← Extracted text
Document (.png, .jpg, .pdf) + template →
← Extracted values
Document (.png, .jpg, .pdf) + keys →
← Extracted values

API Gateway

Infor Document Processor

Pre-processing
- Noise removal
- Rotation
- Rescaling
- Binarization

OCR
- Text Extraction by Selected Vendor

Post-processing
- Table Extraction
- Template Extraction
- Machine Learning Model

👆 **Resources**

Product Overview	YouTube	Documentation	Education	Dev Portal	User Community