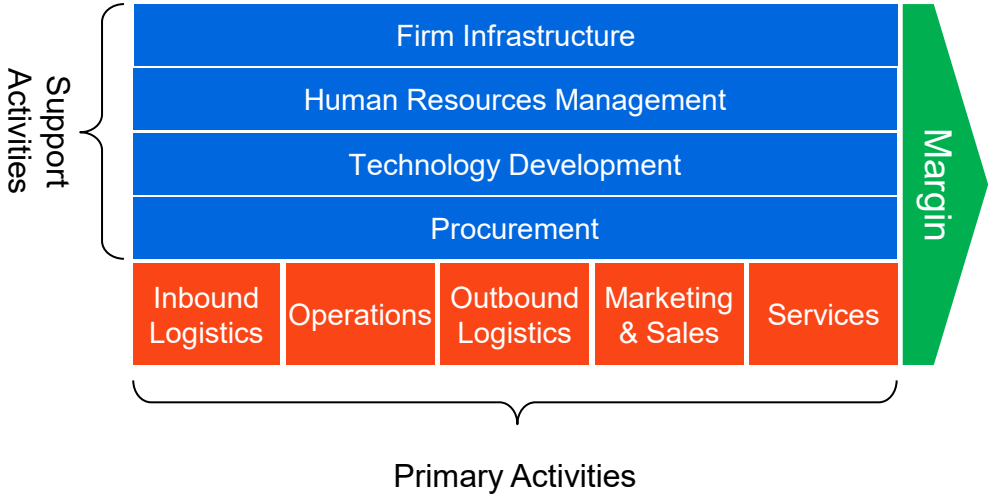
IT Automation for Public, Private and Hybrid Clouds

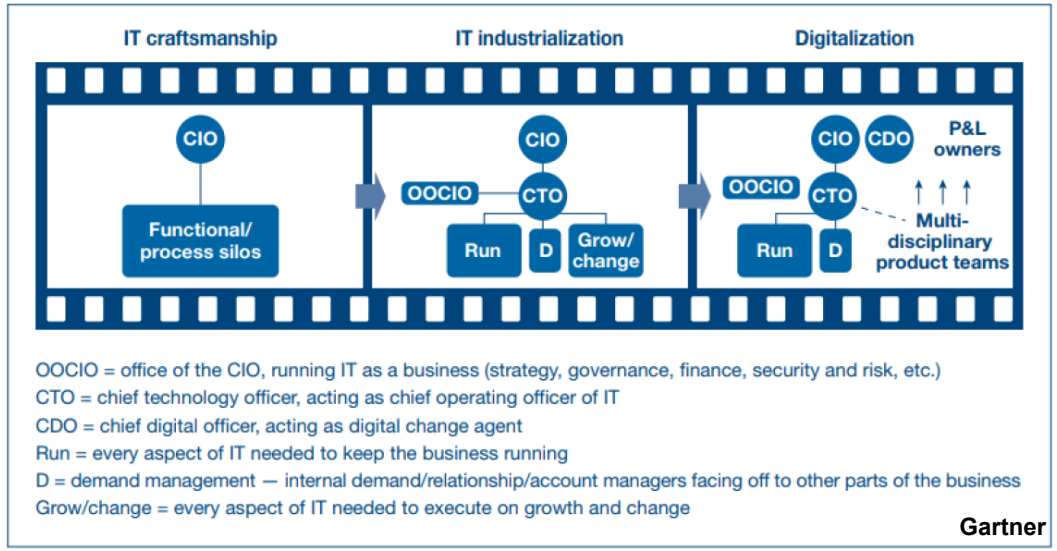
Workflow Solutions

UiPath™

Michael Porter – org. value chain



IT evolution & integration



Digital Transformation

Challenges facing IT leaders

Technology and process optimization

Technical debt and legacy systems

Growth

Outsourcing

Security and Privacy

Governance vs Self-service

Compliance and regulation

Ever tightening SLAs and Performance Metrics

Empower RPA Workflows with out-of-the-box IT Automation

Empowering Businesses

Use the power of IT Automation to optimize your business

- low barrier to entry
- reduced setup time
- rapid ROI

Seamless Integration

Integrates with your existing Systems & Applications

- no additional implementation costs
- blends into your existing partner ecosystem

IT Process Automation

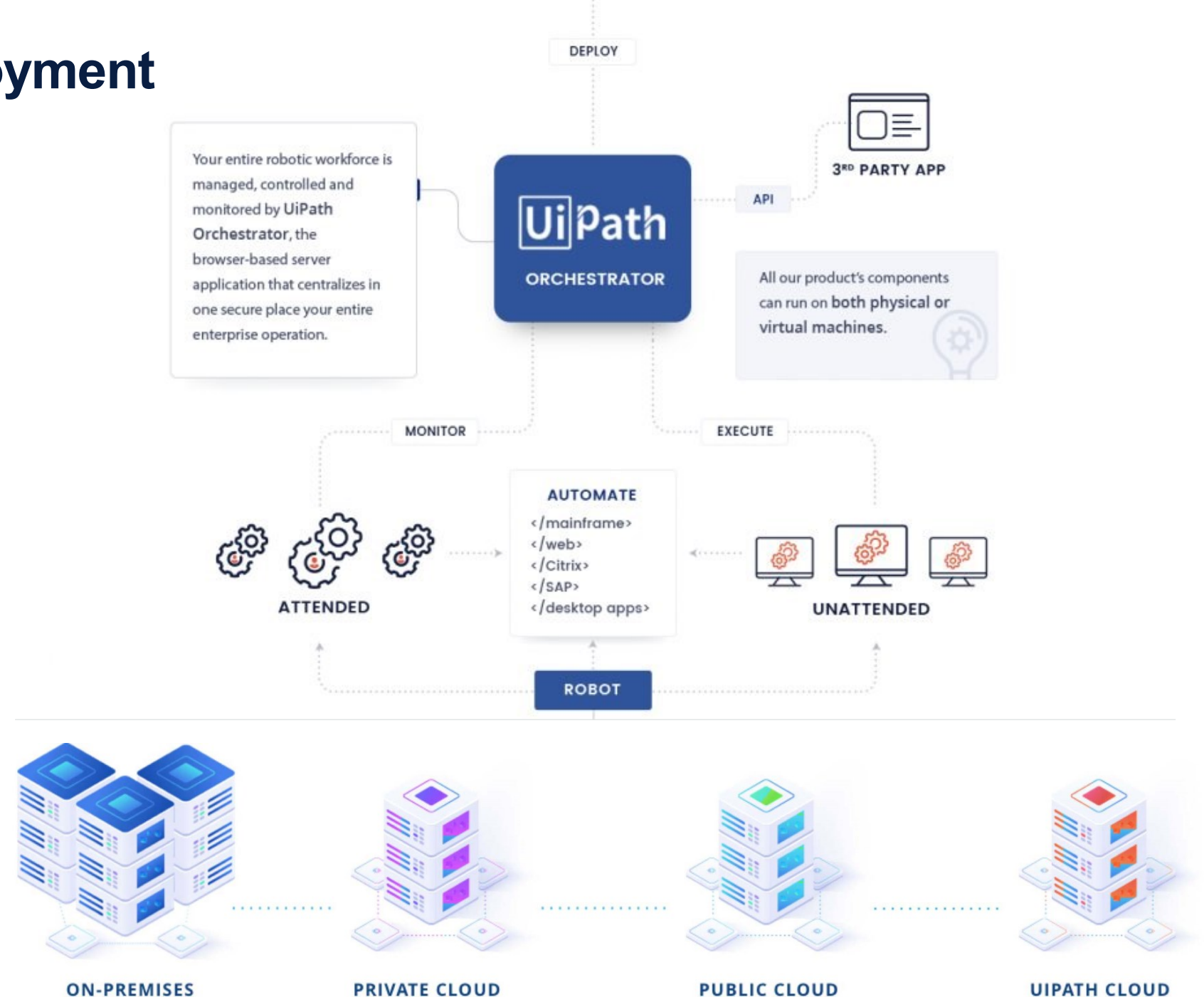
IT Infrastructure & Services provisioning, management, configuration capabilities

- higher productivity of IT teams
- increased agility: fast response to changes, requests
- cost savings

The UiPath Enterprise RPA Platform

UiPath™

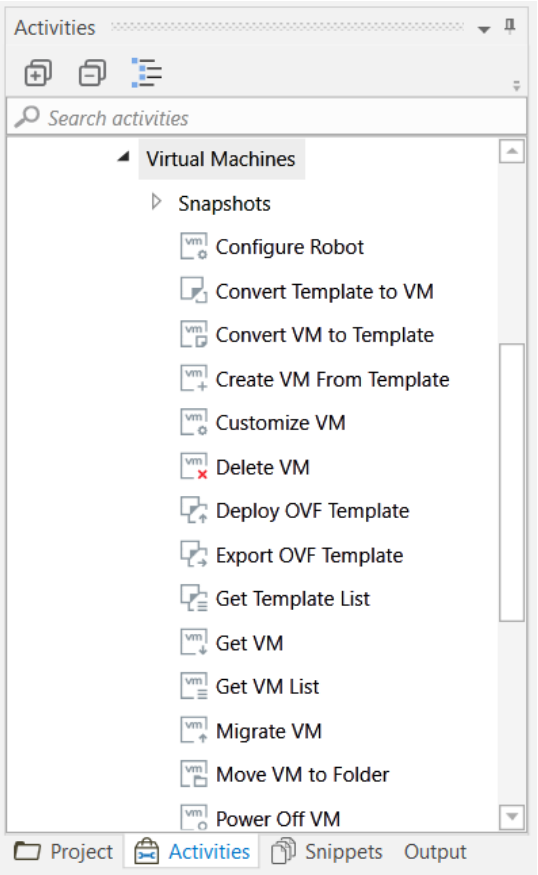
Deployment


DEPLOY
Your entire robotic workforce is managed, controlled and monitored by UiPath Orchestrator, the browser-based server application that centralizes in one secure place your entire enterprise operation.
UiPath
ORCHESTRATOR
API
3RD PARTY APP
All our product's components can run on both physical or virtual machines.
MONITOR
EXECUTE
AUTOMATE
</mainframe>
</web>
</Citrix>
</SAP>
</desktop apps>
ATTENDED
UNATTENDED
ROBOT
ON-PREMISES
PRIVATE CLOUD
PUBLIC CLOUD
UIPATH CLOUD

IT Automation Activities

Implementation

- built on top of the official APIs / SDKs provided by the vendors *Microsoft, VMware, Citrix, [..]*
- the activities run in the background, not via the UI



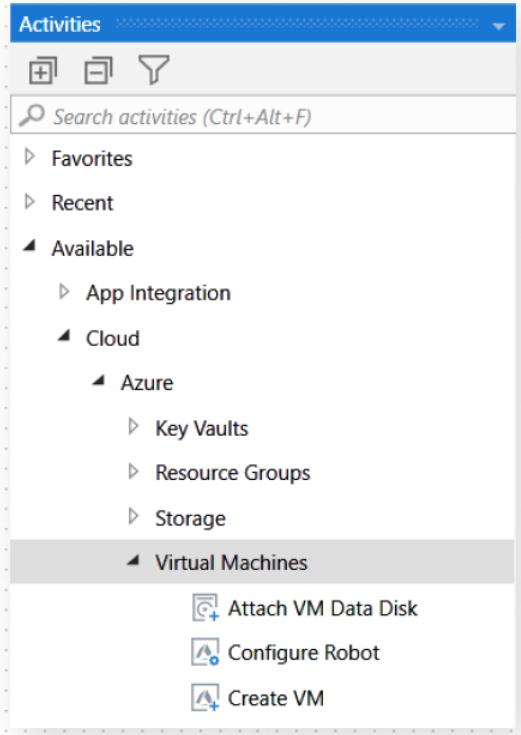
Security. Compliance

- developed and owned by **UiPath** (*published on the official feed, official maintenance + long term support)*
- scanned and certified with VERACODE and FOSSA

Integrations

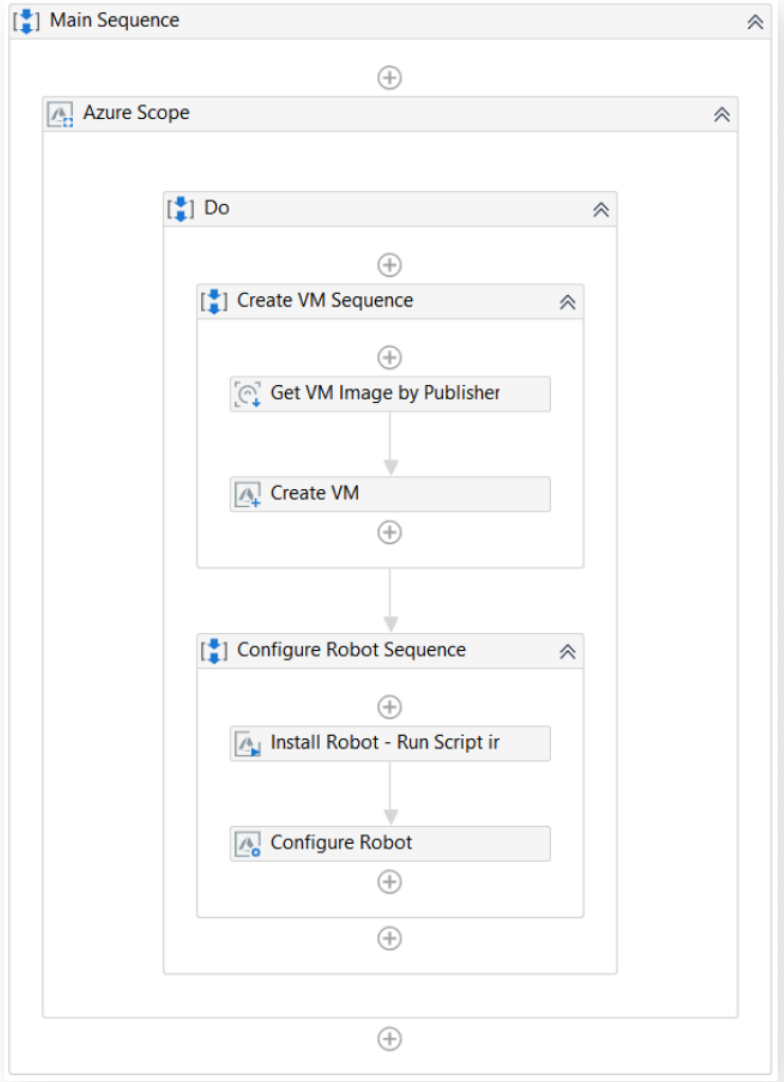
Azure
Amazon Web Services
Active Directory
Azure Active Directory
Exchange Server
VMware ESXi vCenter
Citrix Hypervisor
Hyper-V
System Center

ServiceNow
Office 365
Workday
Atlassian Jira
Scripting (PS, Python, Bash, ..)
APIs (Rest, SOAP, ..)
... and more



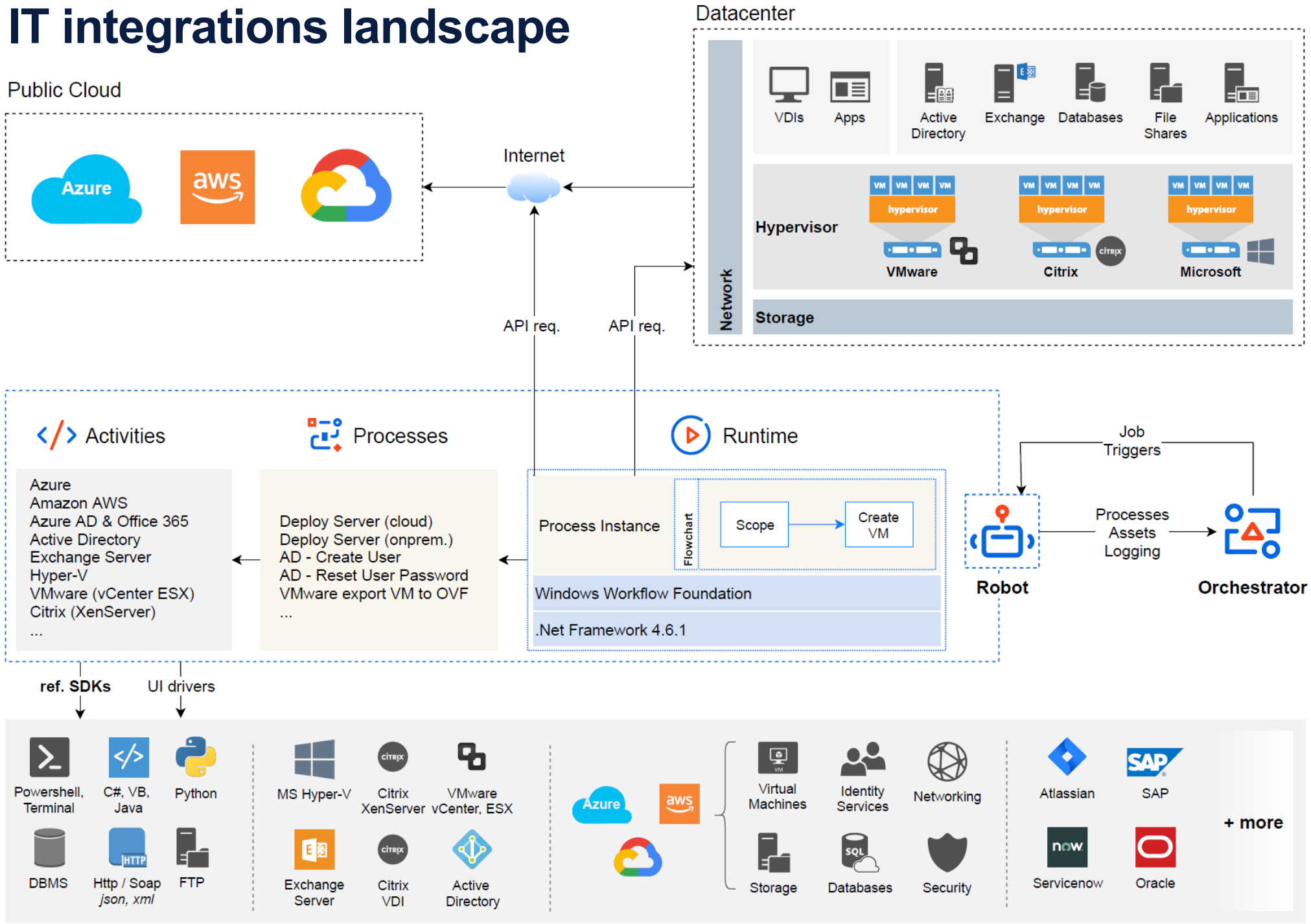
500+ IT activities

easy to use with drag & drop
background running via APIs
secure Veracode certified
official LTS by UiPath



Simple. Elegant
powerful workflow automation for IT Tasks

IT integrations landscape



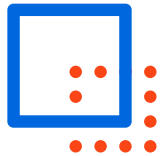
Common Use Cases

Cloud

- Cost Control: VMs nightly power-off / daily power-on / on-demand availability
- On Demand server management & deployment
- Security Orchestration

User Management

- Employee Onboarding & Application Access configuration
- User management: Password Reset / Unlock User Account
- Employee Offboarding: Delete or Disable User

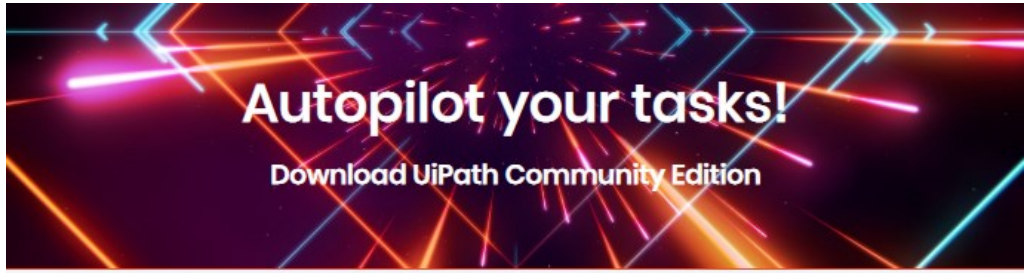


Server Management

- Green Computing
  - VMs nightly power-off / daily power-on / on-demand availability
- On Demand server deployment (new / from template) + management
  - *IT Automation* + *Testing Automation* =

Easy to get started

https://www.uipath.com/developers/community-edition



Let's automate!

UiPath Community Edition is free for individual developers, open source projects, academic research, education, and small professional teams. **The Community Edition software** does not come with phone or email support. You can always check our **Video Tutorials**,**Guides and Resources** or check out our **Community Forum.** Read the licensing terms here.

Documentation

https://docs.uipath.com/activities/docs

Academy

https://www.uipath.com/rpa/academy

Forum

https://forum.uipath.com/c/dev/it-automation/

Workflow Solutions

UiPath™

Workflow Solutions

Workflows samples & snippets that enable organizations from all industries to accelerate the automation of their IT ecosystem in the areas of *Cloud, Server Virtualization, User Management, Security, Storage, Networking and more*.

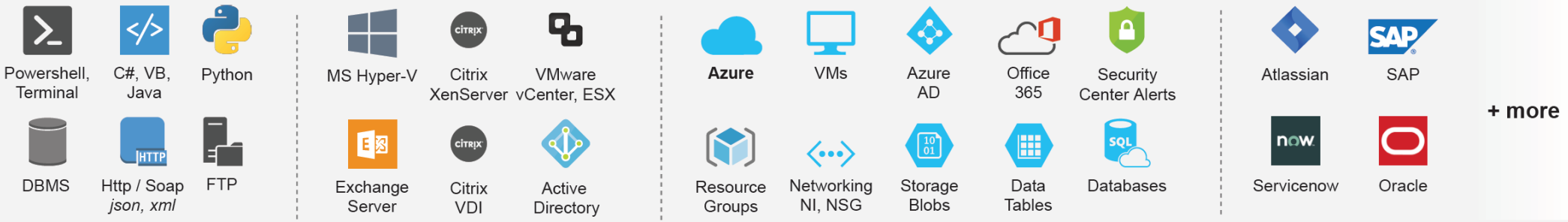
Identity Services and User Management

IT Infrastructure and Services Management

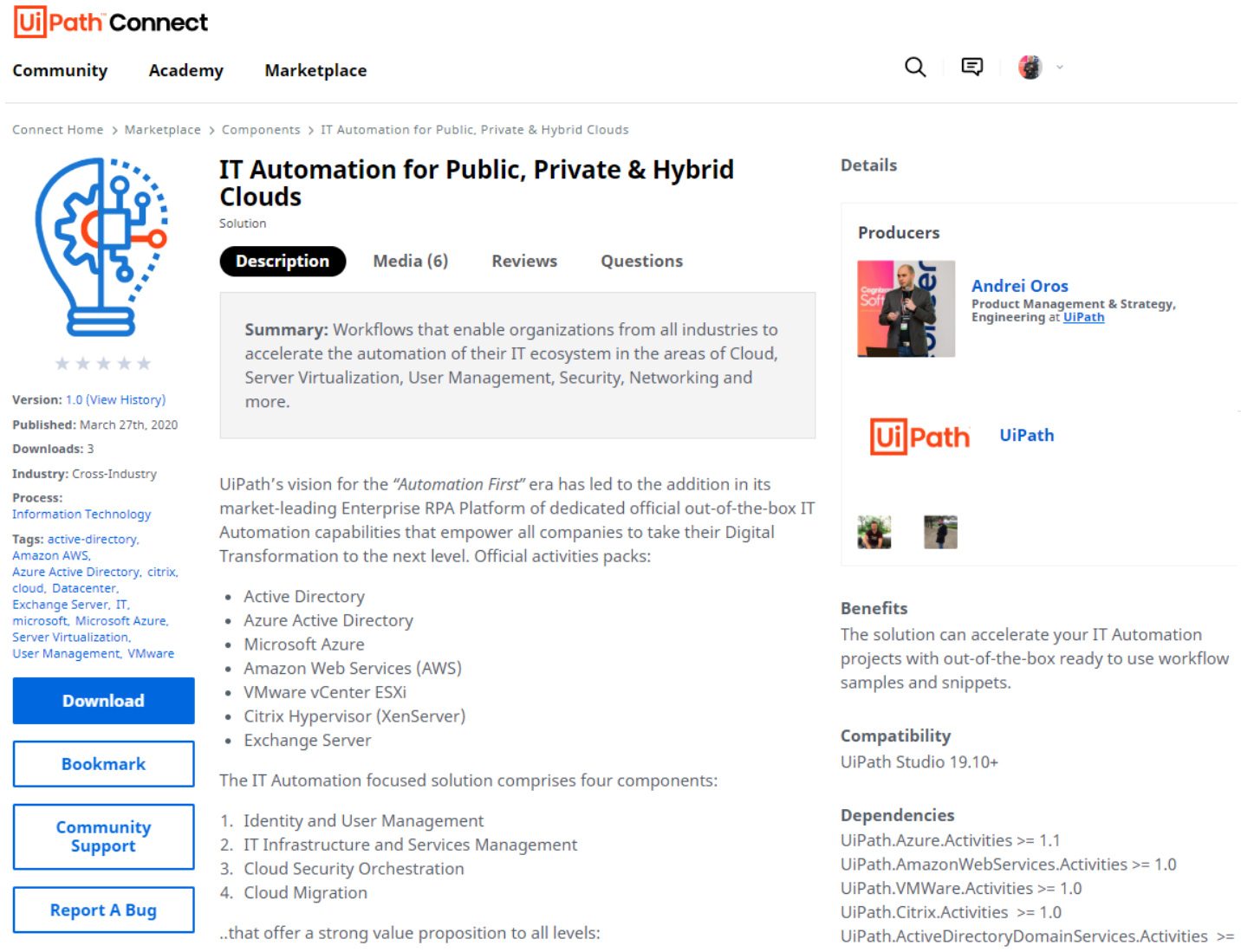
Cloud Security Orchestration

Cloud Migration

IT Automation Integrations via *SDKs / APIs / Connectors / Ui drivers*



IT Automation for Public, Private & Hybrid Clouds



Get it from Connect

Get it from Microsoft Azure Marketplace

Get it from Microsoft AppSource

https://connect.uipath.com/marketplace/components/it-automation-for-public-private-and-hybrid-clouds

Workflow Solutions

Identity Services and User Management

UiPath™

User Management in Banking – frequent scenarios

Business scenarios	Frequency & Volumes		User Management scenario
On-boarding Give access to systems for new employee according to its role	**Monthly & Medium** (increased fluctuation of personnel)	▶	**Create New User & Attach it to the specific Role**
Temporary change of Branch, keeping same position or **Change of position** (covering vacations periods, medical urgencies)	**Daily & High** (decreased no of Branches and their structure)	▶	**Change of Role for the user**
Reset Passwords to all systems (Security req. to protect wrong use of access)	**Monthly & High** (Security request)	▶	**Bulk Reset of Passwords**
Block/ un-block access to users upon request and reset password	**Daily and High**	▶	**Block/un-block user and reset password**
Off- boarding	**Monthly & Medium**	▶	**Detach user from the roles and close user**

User Management. Unlocking a locked User Account

Large European Bank

Implementation time:

< 4 weeks

100%	80%	0%
Automated	AHT reduced	Error rates

The challenge

1600 requests/month **AHT 3 min/transaction**

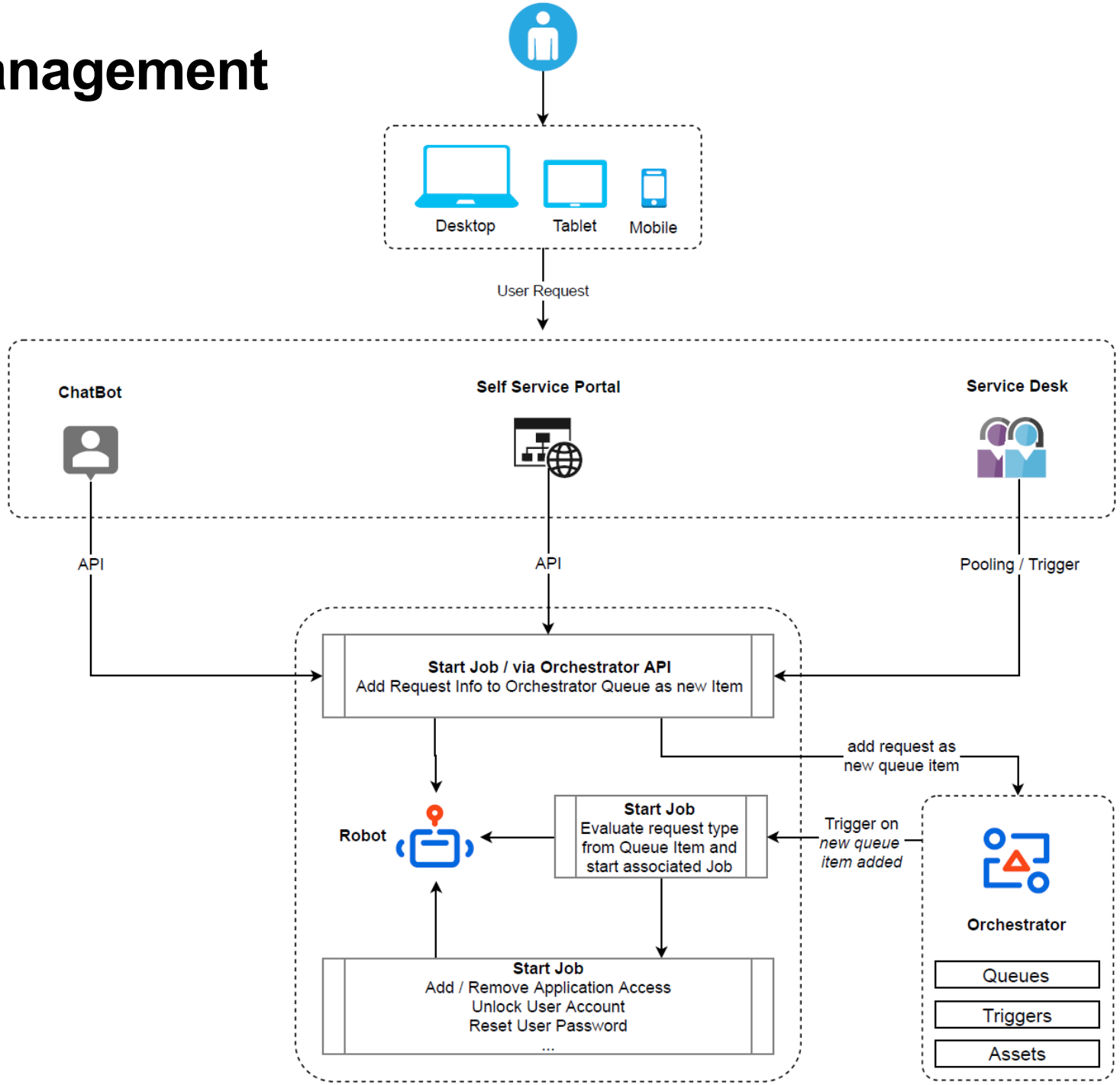
6-month ROI

Significantly improved SLAs

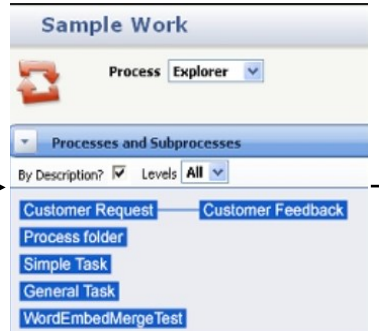
Increased employee satisfaction

The automation was designed to take over the entire process from request initiation to unlocking and updating the ticket application.

User Management



User Management. Unattended



Task Management
Service Desk ticket
Jira request, [..]

Digitalize & Simplify Input
identify all scenarios & define request types templates

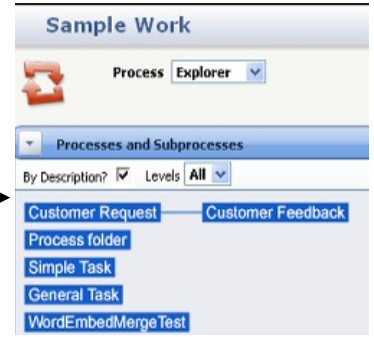
Un-Attended Robot
reads the task
processes the request

Processes

- create new user & assign it to the specific role(s)
- change of role for the user
- bulk password reset
- lock / un-lock user & reset password
- detach user from roles and close user

Active Directory
Azure AD

Legacy Systems
(not integrated with AAD / AD)



Task Management
close task

Workflow Solutions

IT Infrastructure and Services Management

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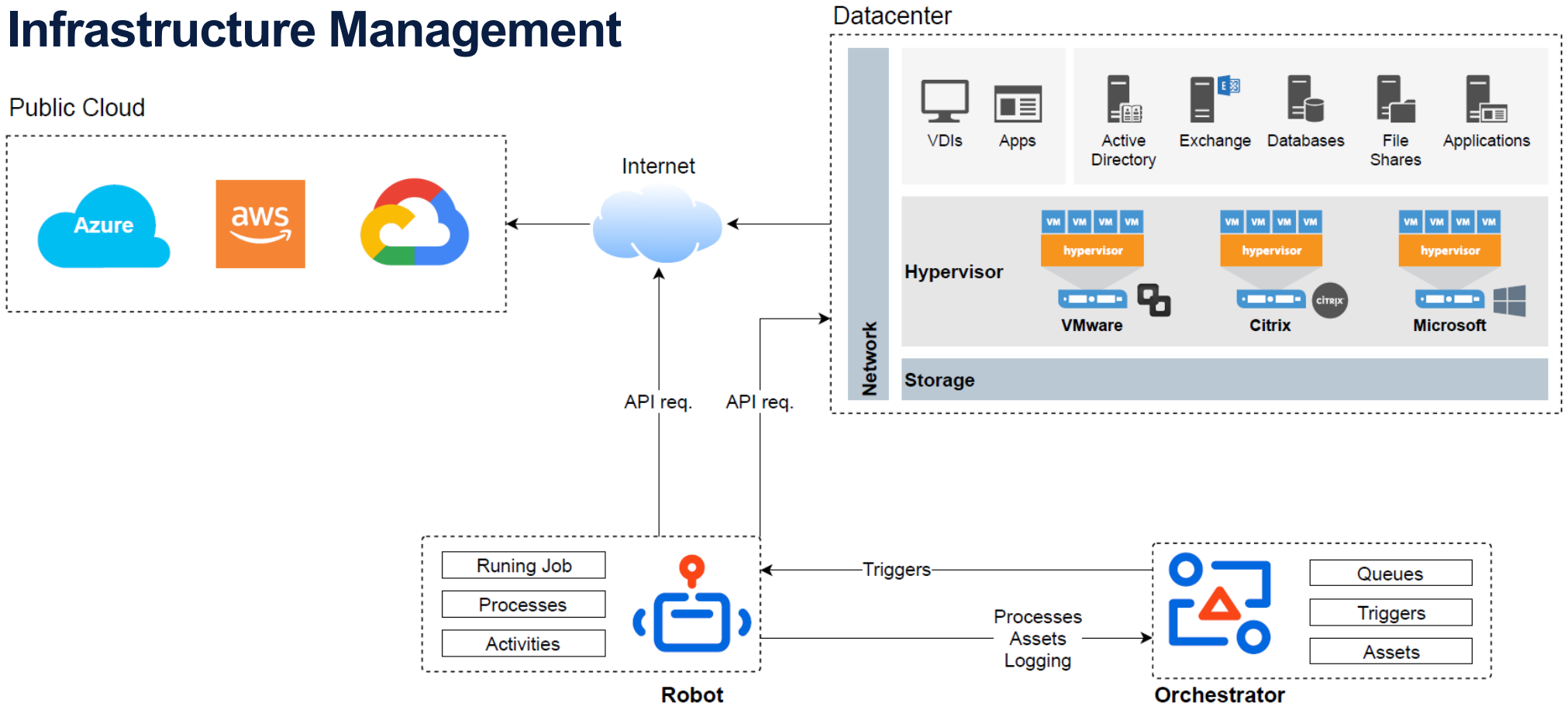
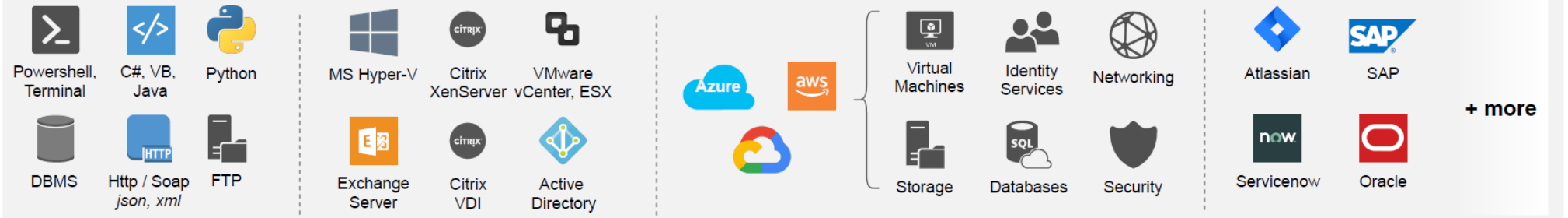
Infrastructure Management

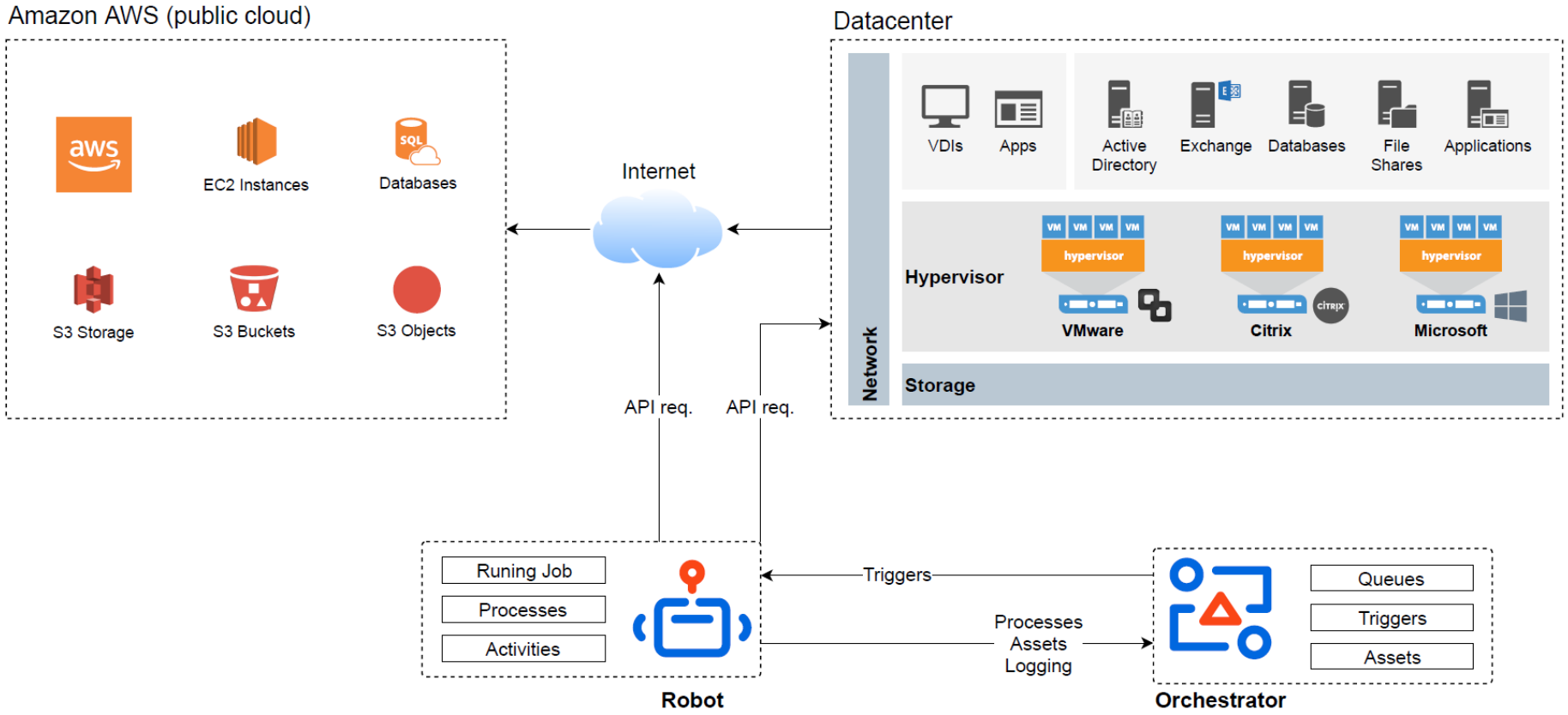


out-of-the-box IT Automation Integrations

Activities / Connectors / APIs / Ui drivers



Infrastructure Management (AWS)



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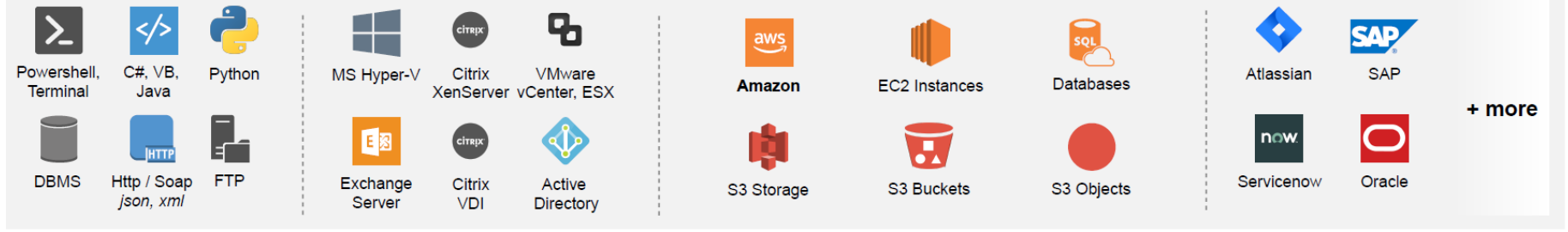
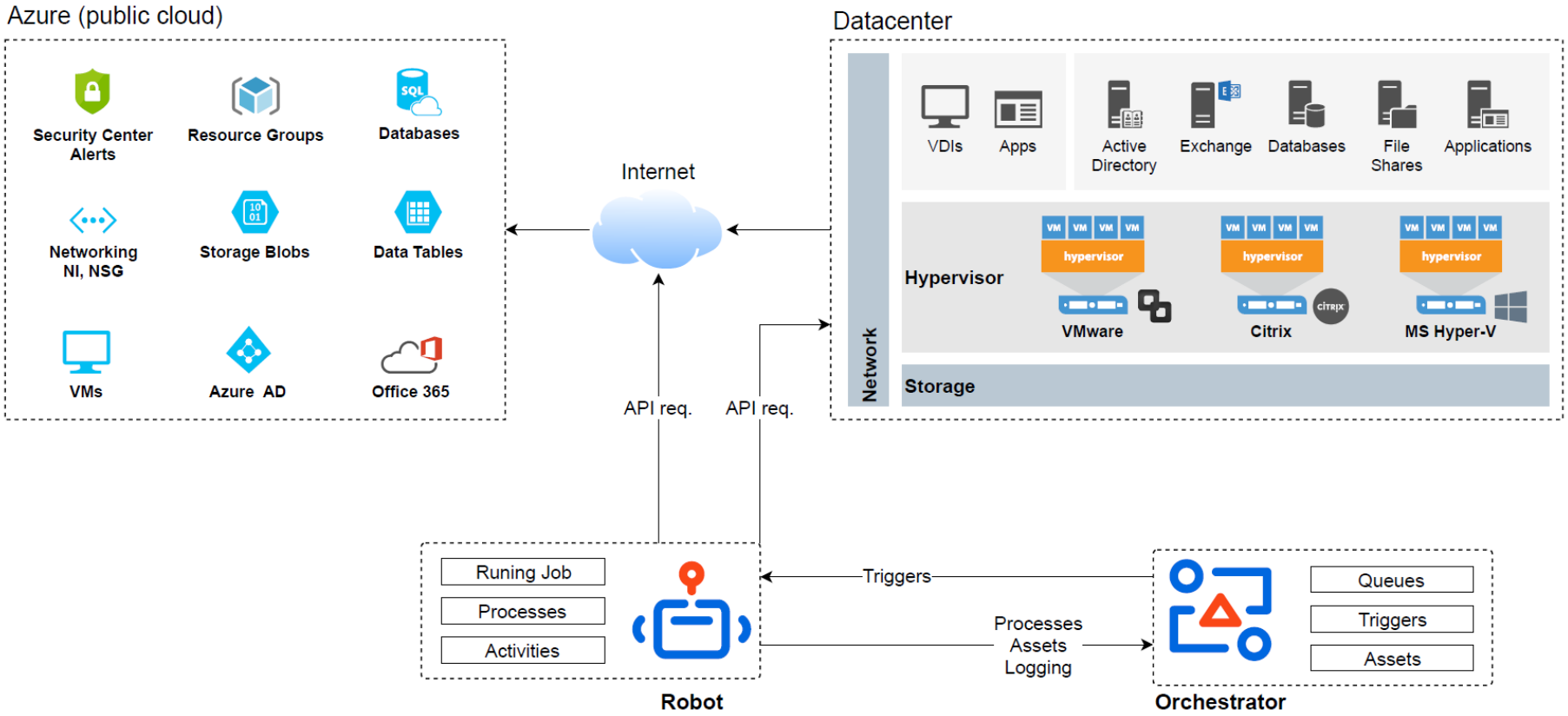
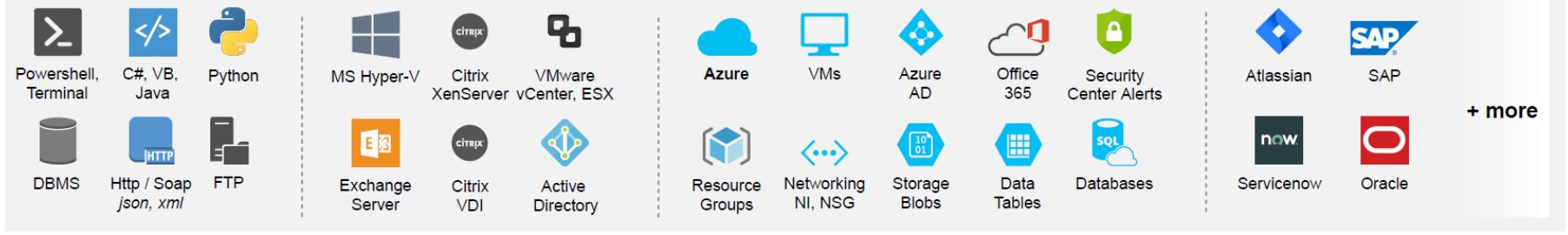


Infrastructure Management (Azure)



out-of-the-box IT Automation Integrations

Activities / Connectors / APIs / Ui drivers

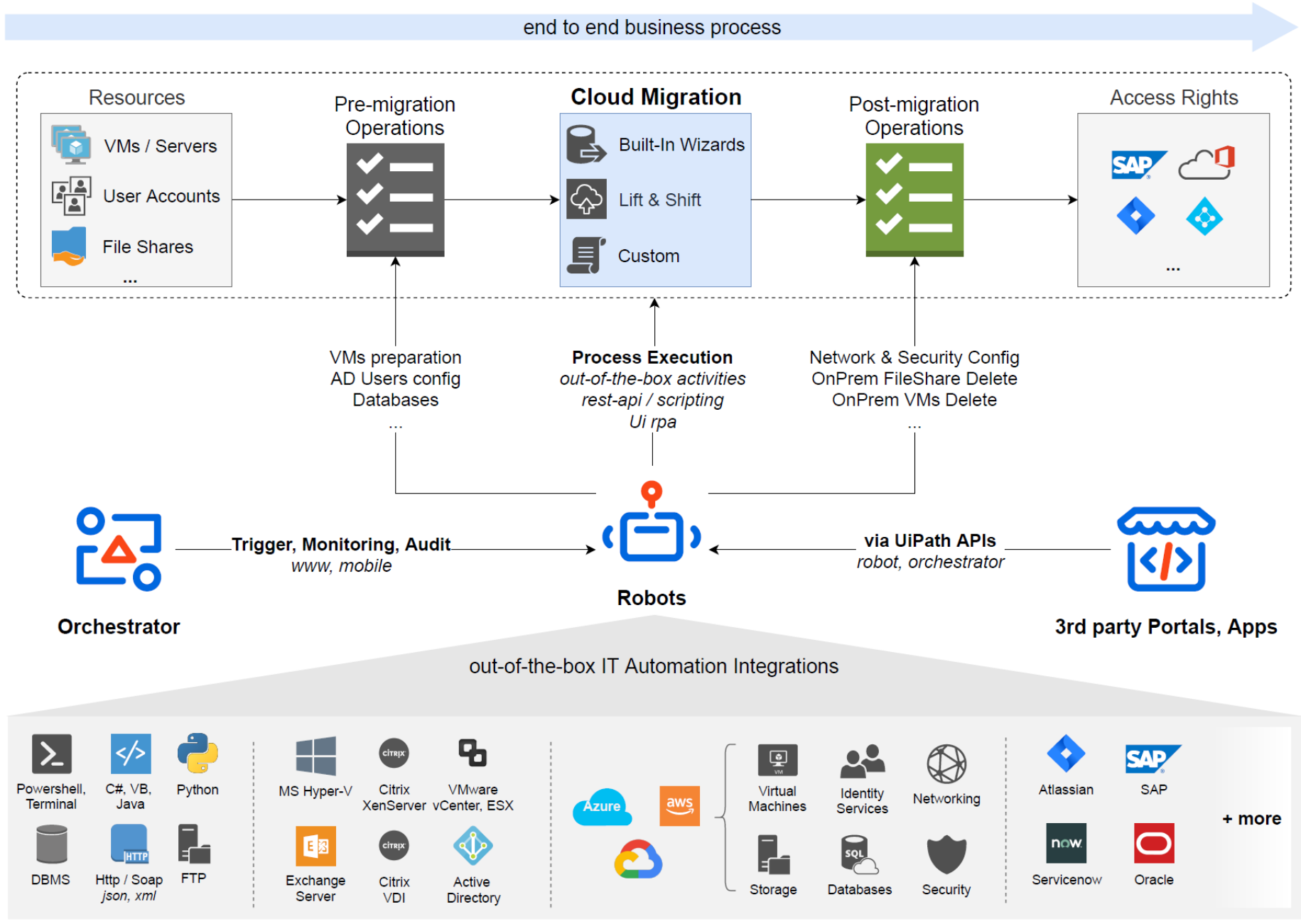


Workflow Solutions

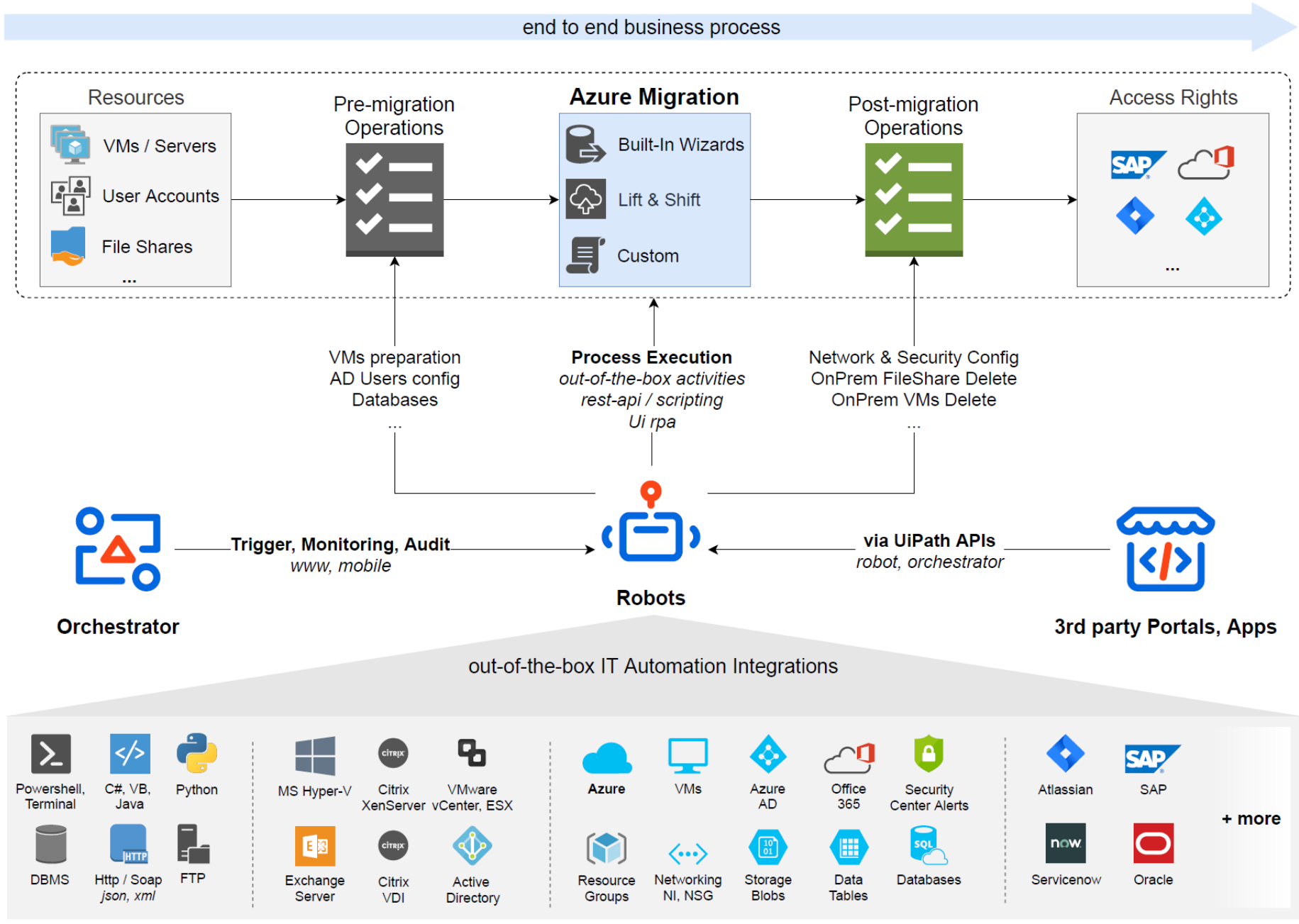
Cloud Migration

UiPath™

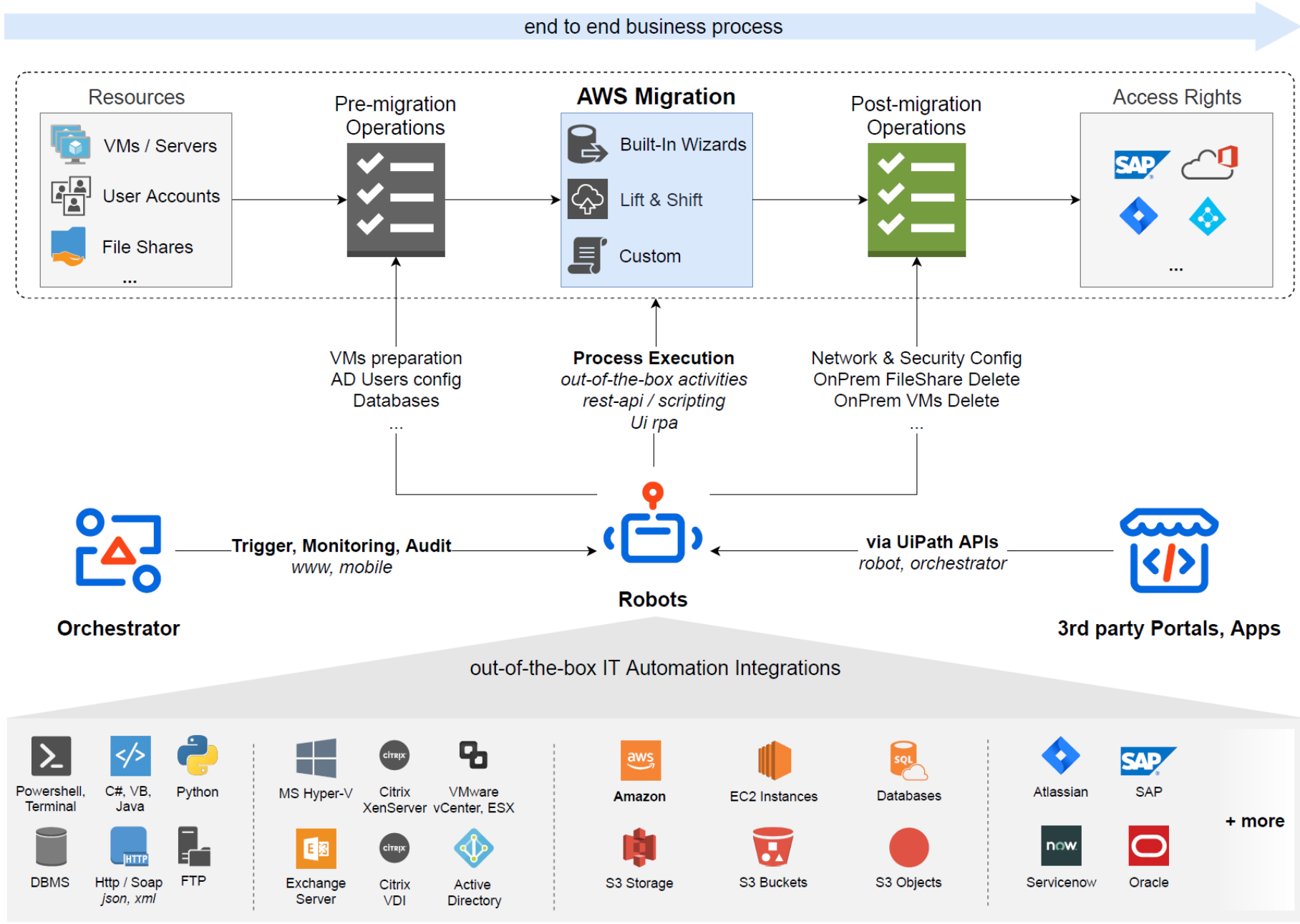
Cloud Migration



Cloud Migration (Azure)



Cloud Migration (AWS)

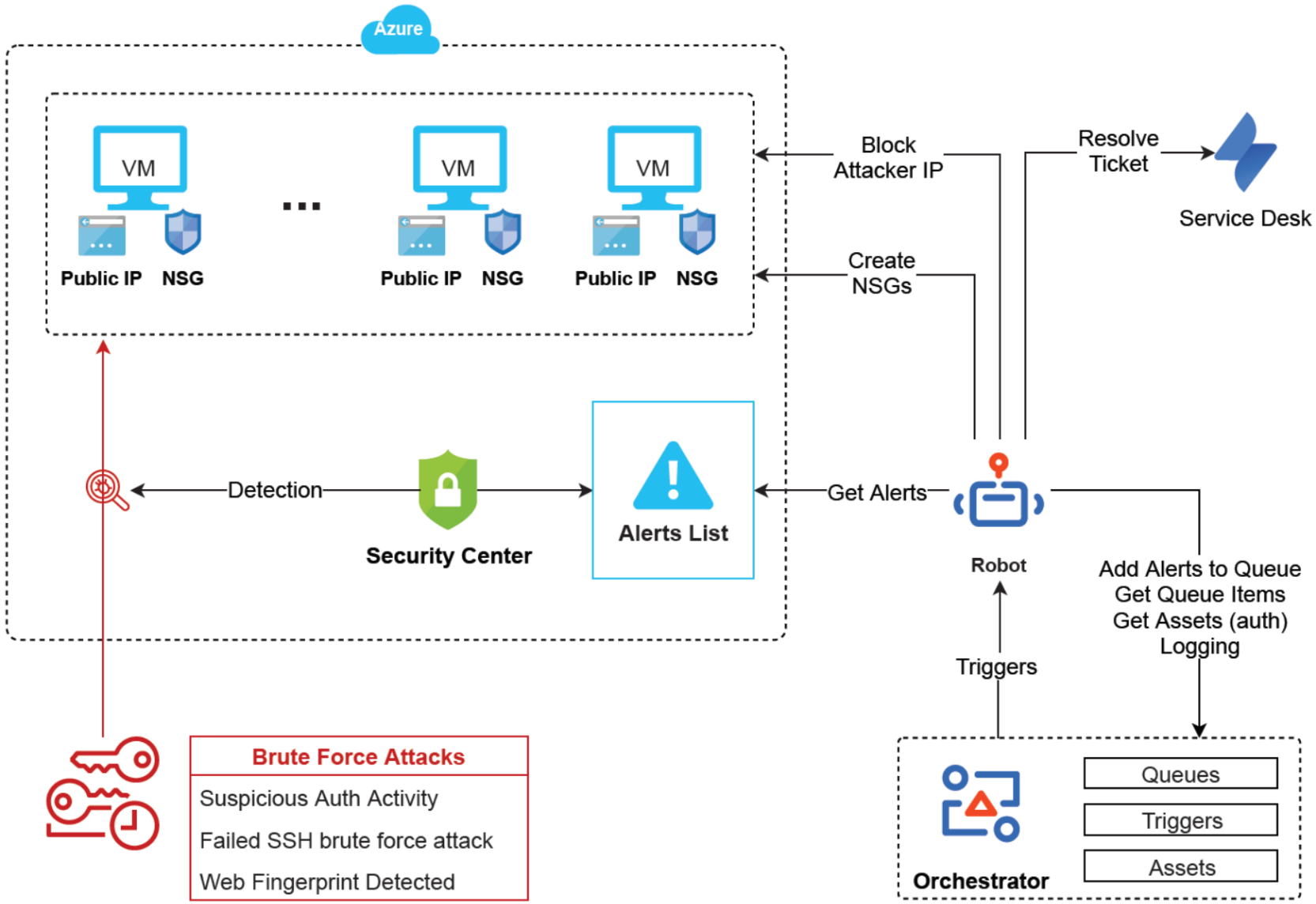


Workflow Solutions

Security Orchestration

UiPath™

Azure Security Orchestration



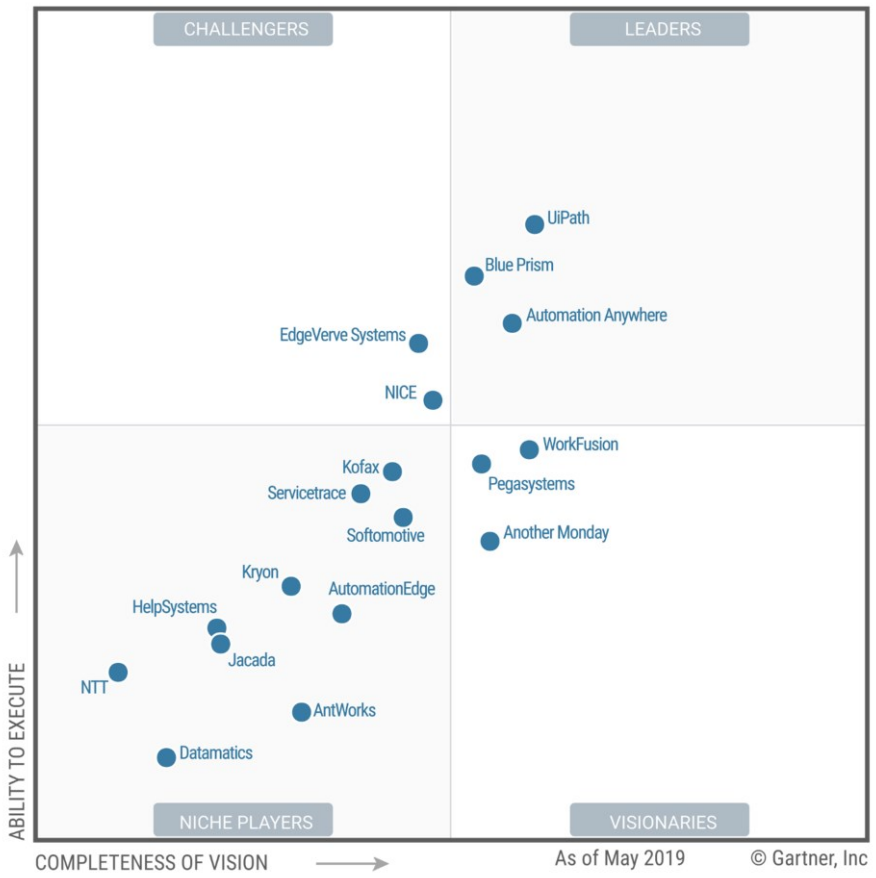
About UiPath

A Leader in the July 2019 Gartner Magic Quadrant for Robotic Process Automation Software

UiPath achieves the highest and furthest overall position for its ability to execute and completeness of vision

UiPath believes this signals a tipping point for automation market growth and adoption

Figure 1. Magic Quadrant for Robotic Process Automation Software



Source: Gartner (May 2019)

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Business Partner Ecosystem Spans Globally and Locally

Global	Americas	Japan	EMEA	India	Asia Pacific
accenture	Atos	CTC	Capgemini	Cognizant	Blackbook.ai
EY	HURON	PERSOL	CGI	KGiSL	INNOVIOR
Cognizant	perspecta	accenture	sopra steria	NIIT	KDDI China
IBM	TATA CONSULTANCY SERVICES	iSiD	itelligence	RPATech	posco
Deloitte.	Infosys	TIS	TATA CONSULTANCY SERVICES	Tech Mahindra	ncs
pwc					
KPMG					

600+ business partners that help with the implementation of RPA

Thank you

andrei.oros@uipath.com

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