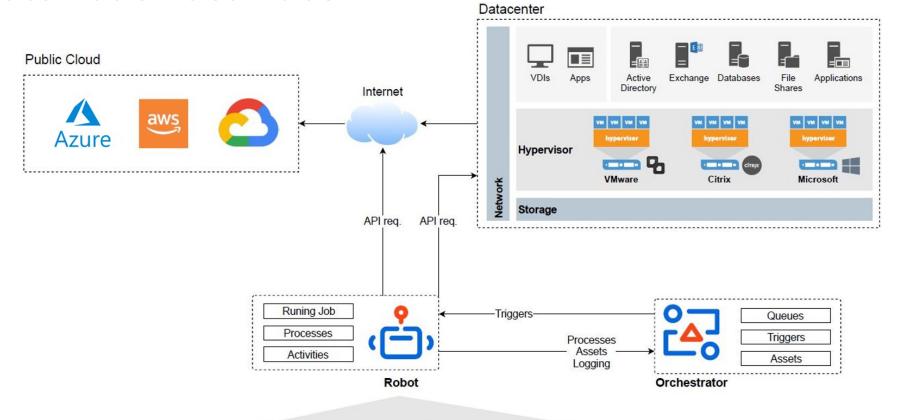


Empower RPA Workflows with IT Automation activities





out-of-the-box IT Automation Integrations

Activities / Connectors / APIs / Ui drivers



Empower RPA Workflows with IT Automation activities





Implementation

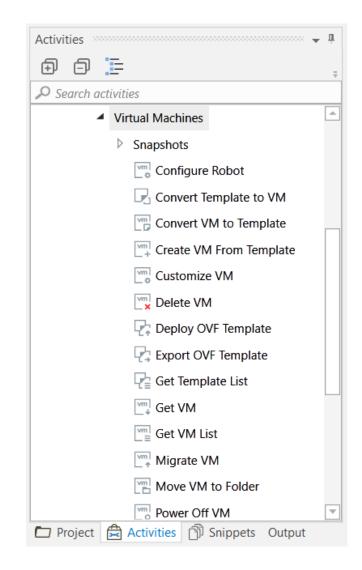
Background running activities built on top of the official SDKs from *Microsoft, Amazon, Citrix, VMware, ..*



Security and Compliance

Developed by UiPath
Published on the official feed (LTS)





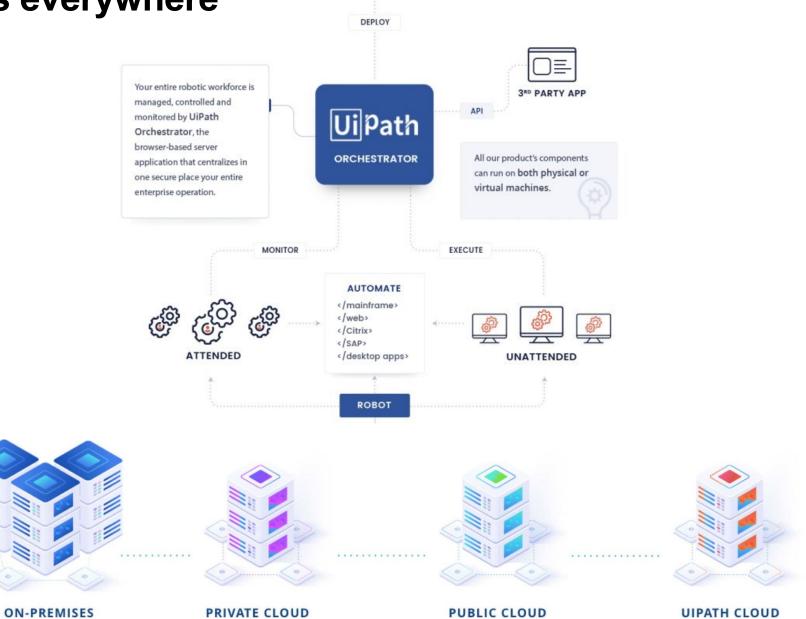
Robots Autoscaling Tech & components





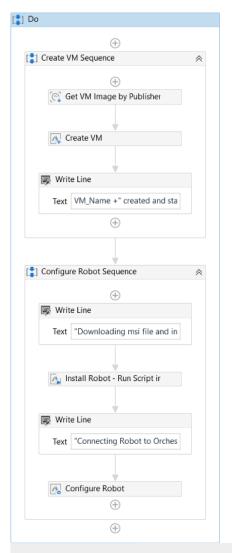


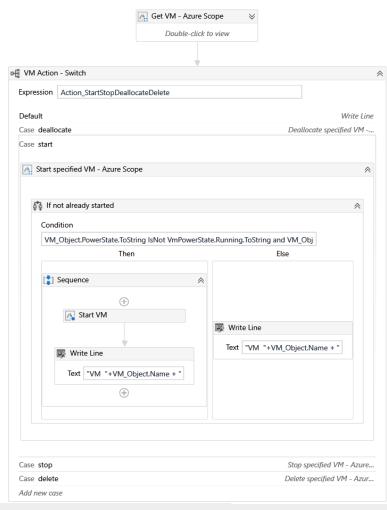




Powered by UiPath IT Automation workflows







Transparent

easy to understand & inspect workflow business logic

Flexible

easy to update scaling logic with out-of-the-box drag & drop
UiPath IT Automation activities

Vendor agnostic

Azure, AWS, VMware, Citrix and more.



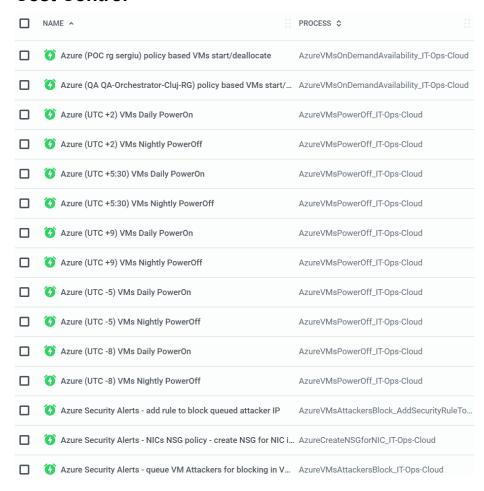




IT Automations workflows Trusted by UiPath



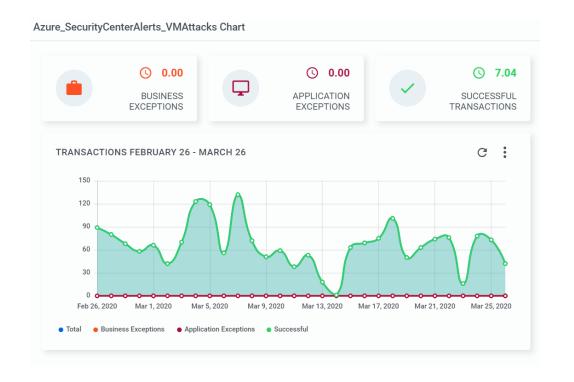
Cost Control



Azure Security (brute force attacks on VMs)

15000+ attacks

processed automatically in the last 6 months

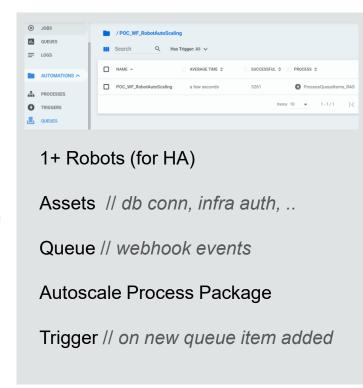


https://connect.uipath.com/marketplace/components/it-automation-for-public-private-and-hybrid-clouds

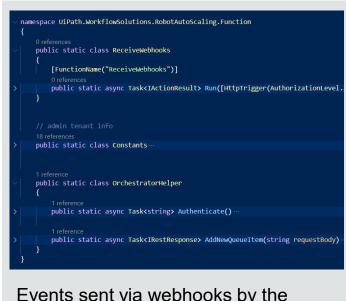
Robot Autoscaling - Solution Components



Management Orchestrator

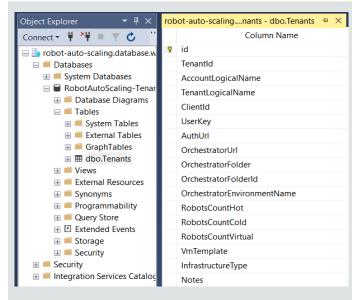


Webhook Receiver



Events sent via webhooks by the managed clients are added in the *Management OR. Queue*

Clients Database



Orchestrator API: key, secret, tid, fid, .. Infra type: Azure / AWS / VMware / .. Scaling rules: cold / hot Robot no.

Client Tenants

Orchestrator API

Folders (classic) & Environments

Robots (unattended)

Webhooks

Robots Autoscaling Scaling Strategies





Cost (\$)



Ready VMs

VM Provisioned Robot Installed Robot Registered VM Started OS Ready (svc stared)

Deallocated VMs

VM Provisioned
robot installed, registered
Start VM
Load OS (+Robot svc)

Allocated On-Demand

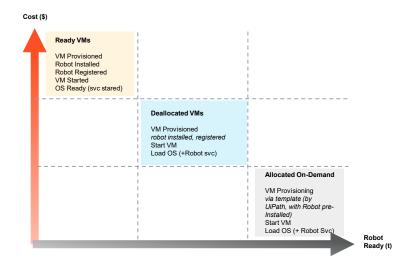
VM Provisioning
via template (by UiPath,
with Robot pre-Installed)
Start VM
Load OS (+ Robot Svc)

Robot Ready (t)

Autoscaling. Cost vs Availability



Robot Type	VM / Server state	T(min) to Ready	Cost (\$) VM / month
Hot	Ready VMs VM is provisioned and running, robot configured and available for Jobs	0	High \$160+ compute allocation
Cold	Deallocated VMs VM is created / exists + robot configured, but it is deallocated (only storage costs)	~2-3	Low \$1.54 HDD standard S4 Medium \$2.4 SSD standard E4
ر <mark>اً)</mark> Virtual	Allocated On-Demand VMs VM will be created on-demand from specified image + robot configuration	~10	\$0



Scaling Strategy = F(x,y,..)

Pending Jobs

Robots Available Robots Disconnected Robots Busy

Hot Robots Cold Robots Virtual Robots

^{*} Azure (pay-as-you-go) ref. VM: D2v3 + 32Gb Standard S4 hdd / E4 ssd

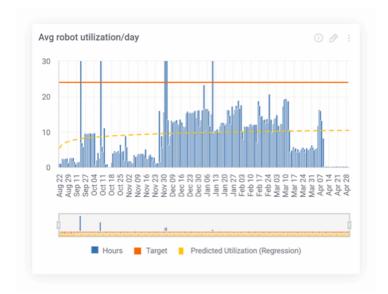
Easy Customization - dynamic scaling strategies

Cost (\$)



Couple with Robots usage eg. Insights / analyze Job requests

Adjust hot / cold Robots variables for the identified intervals.

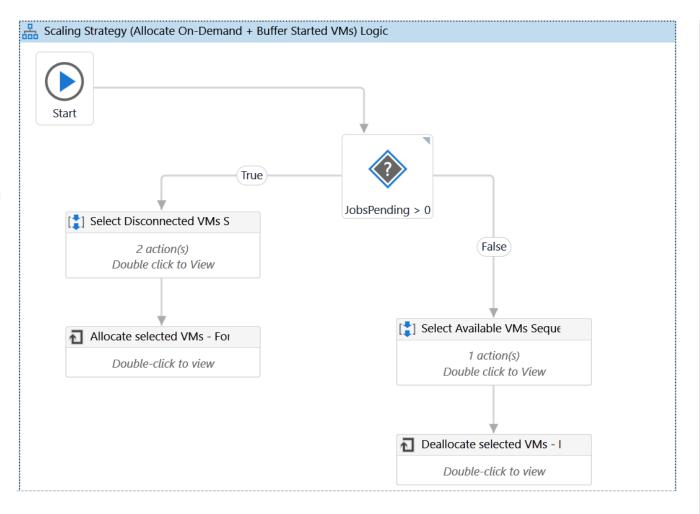


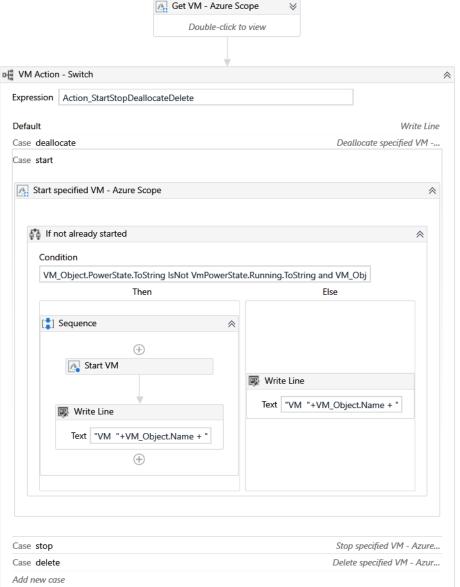
Ready VMs **VM Provisioned** Robot Installed **Robot Registered** VM Started OS Ready (svc stared) **Deallocated VMs VM Provisioned** robot installed, registered Start VM Load OS (+Robot svc) **Allocated On-Demand VM Provisioning** via template (by UiPath, with Robot pre-Installed) Start VM Load OS (+ Robot Svc)

Robot Ready (t)

Easy Customization change the process workflows







Robots Autoscaling Process flow

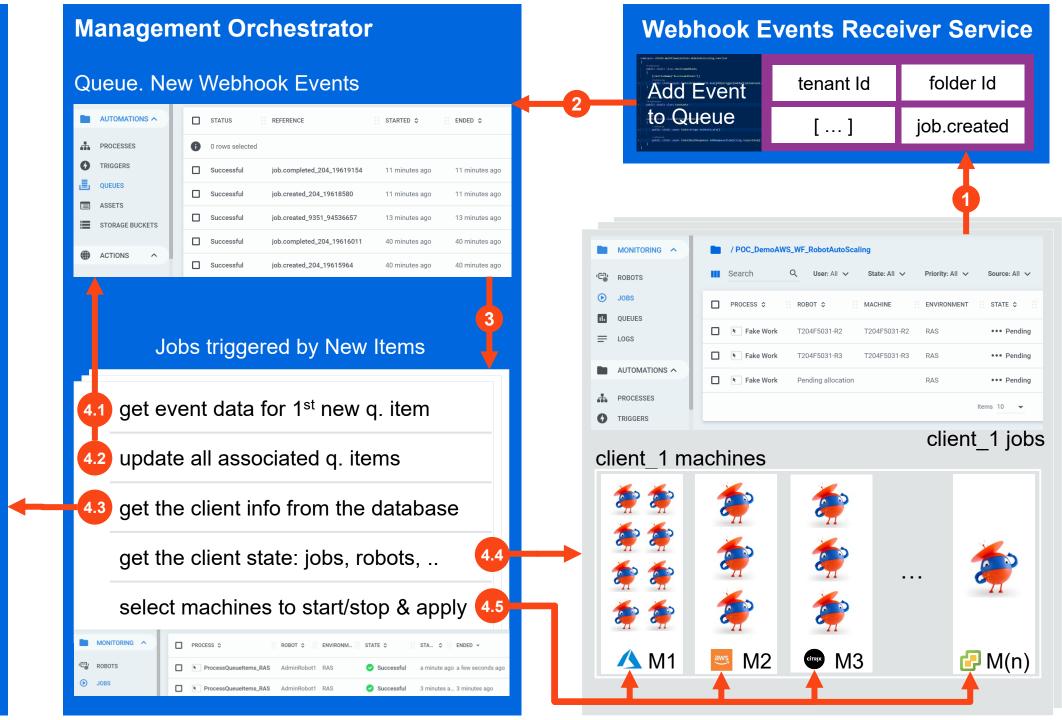


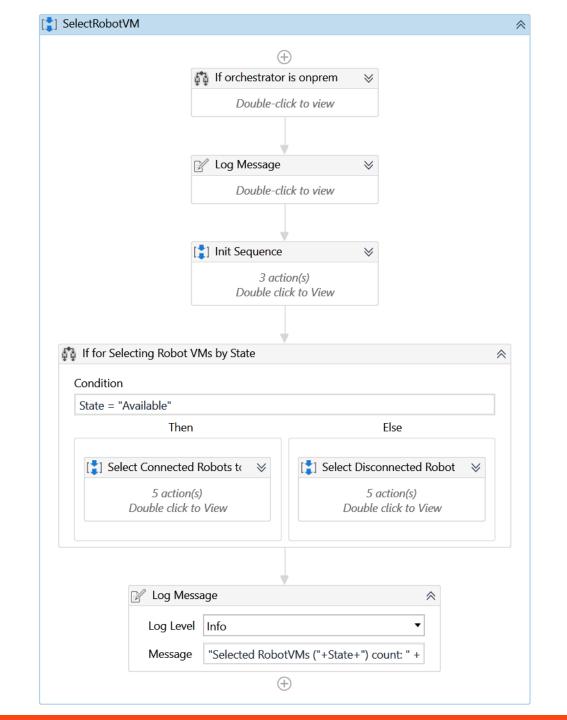


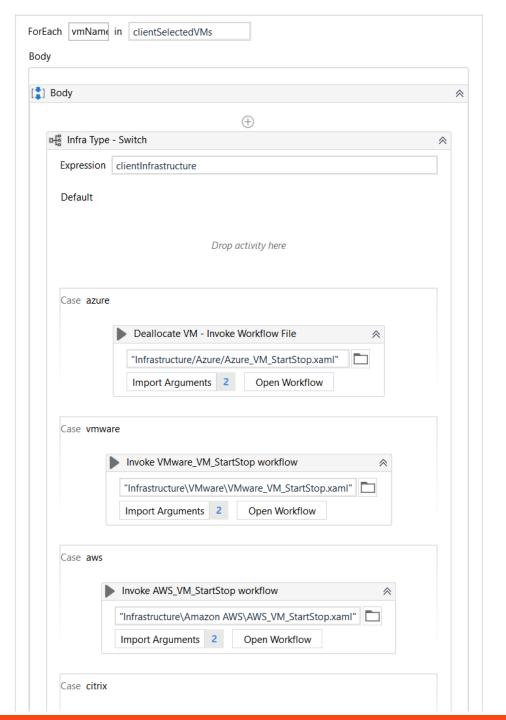


client (x)

RobotsCold
RobotsHot
Infrastructure
Environment
Folder
F2
client 1







Robots Autoscaling Easy to get started







Robot Autoscaling









Project source files



Step by step configuration guide



Autoscaling recommendations



Free to download and customize



Management Orchestrator Config

Processes, Assets, Robot, Queue + Trigger



Webhooks Receiver Service Setup

E.g. function in Azure / AWS

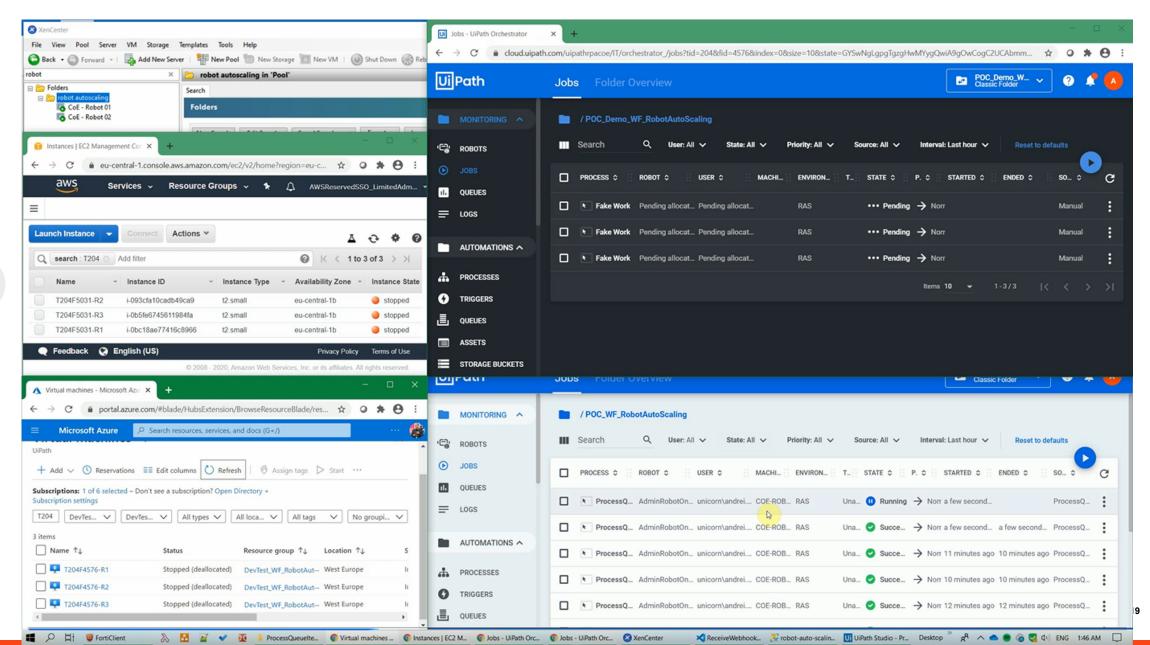


Deploy Database & Add Clients

DB create, Clients config

Robot Autoscaling e.g. for 3 client tenants (+ folders)





About UiPath





A Leader in the 2020 Gartner Magic Quadrant for Robotic Process Automation

For the second consecutive year, UiPath is placed highest for its ability to execute

"In the second year of this Magic Quadrant, the bar has been raised for market viability, relevance, growth, revenue and how vendors set the vision for their RPA offerings in a fluid market."*



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^{*} Source: Gartner, "Magic Quadrant for Robotic Process Automation," Saikat Ray, Arthur Villa, Cathy Tornbohm, Naved Rashid, Melanie Alexander, July 27, 2020

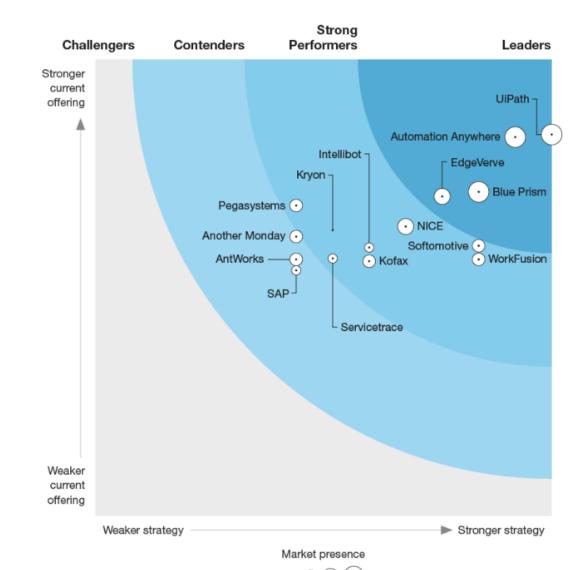
"References report that UiPath will go the extra mile to meet a client's need and cite the transparent and innovation culture as a plus.

They also applaud the low cost of getting started, the well-organized partner channel, overall product stability, and strong security."

FIGURE 1 Forrester Wave™: Robotic Process Automation, Q4 2019

THE FORRESTER WAVE™

Robotic Process Automation



Source: ForresterWave™:RoboticProcessAutomation,Q42019



A Process Mining Leader

Everest Group PEAK Matrix® for Process Mining Technology Vendors 2020

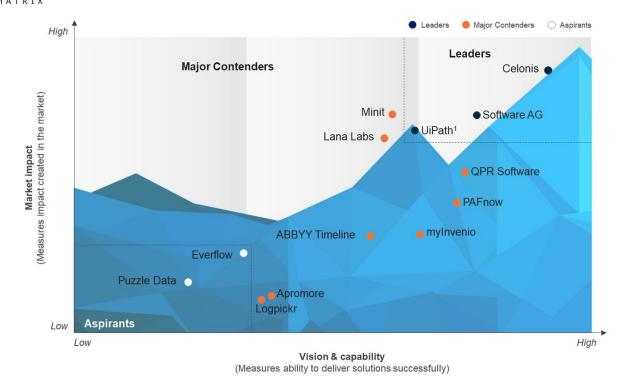


PROCESS MINING PRODUCTS

"[...] its product development strategy is now more focused toward helping enterprises discover automation use cases and accelerate their automation journeys."



Everest Group Process Mining Products PEAK Matrix® Assessment 2020



1 UiPath Process Mining (formerly ProcessGold)



Business Partner Ecosystem Spans Globally and Locally

Global	Americas	Japan	EMEA	India	Asia Pacific
accenture	Atos	CTC Community Transmit Compa	Capgemini	Cognizant	(Bb) Blackbook.ai
EY	11 HURON	デミルコン パーソル プロセス&テクノロゾー	CGI	KEiSL	INOVIOR
Cognizant	perspecta.	accenture	sopra S steria	NIIT	KDDI China
IBM. Deloitte.	TATA CONSULTANCY SERVICES	[S]D It Solution Innovator	itelligence	RPATECh° - automating intelligence-	posco
pwc	Infosys®	TIS TIS INTEC Group	TATA CONSULTANCY SERVICES	Tech <mark>Mahindr</mark> a	Incs
KPMG					

600+ business partners that help with the implementation of RPA

Thank you

andrei.oros@uipath.com



