

RPA series



Nash
Tech.

BUSINESS PROCESS TRANSFORMATION WITH **POWER AUTOMATE**

9h30 AM January 15, 2022



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Agenda

1. RPA introduction
2. Power Platform
3. Power Automate
4. Chat to experts
5. Case study
6. Mini game

RPA Introduction



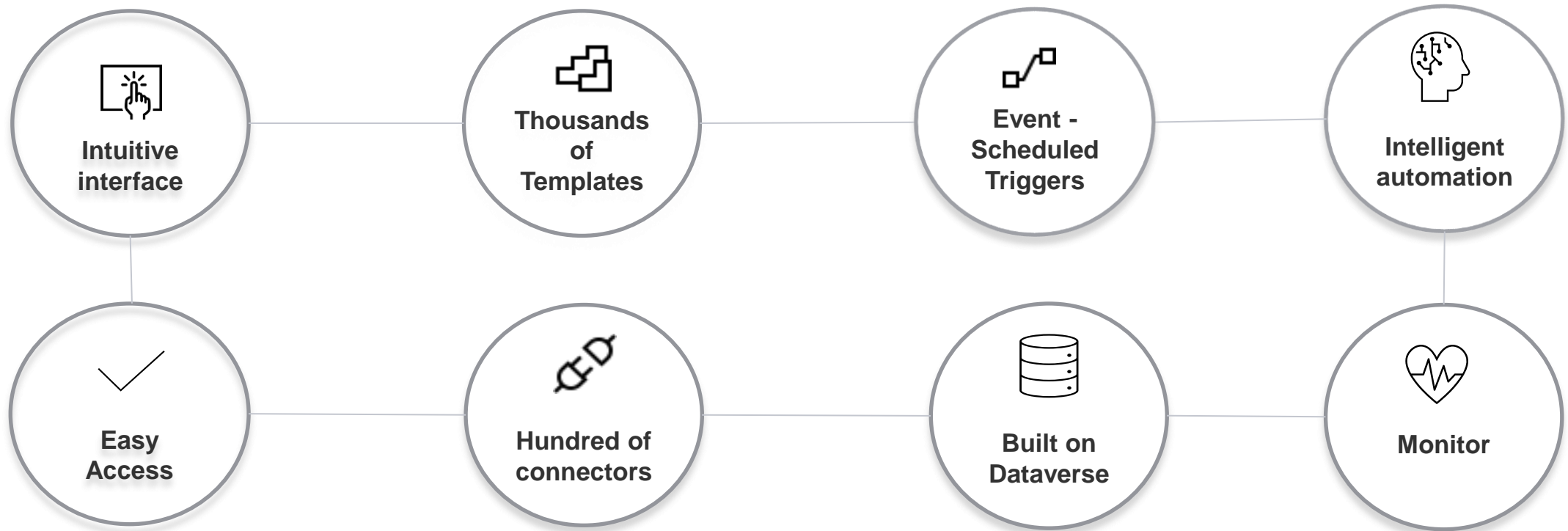
Software that can mimic the **action of a human user**. It performs actions on a PC to automate business processes which are **highly repetitive** and **rule-based**

Power Platform

**Streamline your business
with Power Automate**

Power Automate

- Power Automate is a cloud-based service that automates actions across the cloud services and applications.
- Streamline repetitive tasks and paperless processes with digital process automation
- Power Automate is also included in Power App, O365, Dynamic 365



Data Connectors

All connectors



Office 365 Out...



SharePoint



Microsoft Data...

PREMIUM



OneDrive for B...



Microsoft Forms



Planner



Microsoft Teams



Outlook.com



Salesforce

PREMIUM



SQL Server

PREMIUM



Google Drive



Azure DevOps

PREMIUM



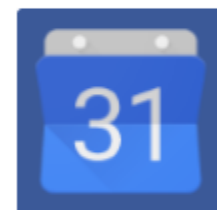
OneNote (Busi...



Notifications



Office 365 Users



Google Calendar



Approvals



Twitter



Excel Online (B...



Dropbox



Microsoft To-D...



Gmail



MSN Weather






Outlook Tasks

Triggers & Actions









When your flow start ?

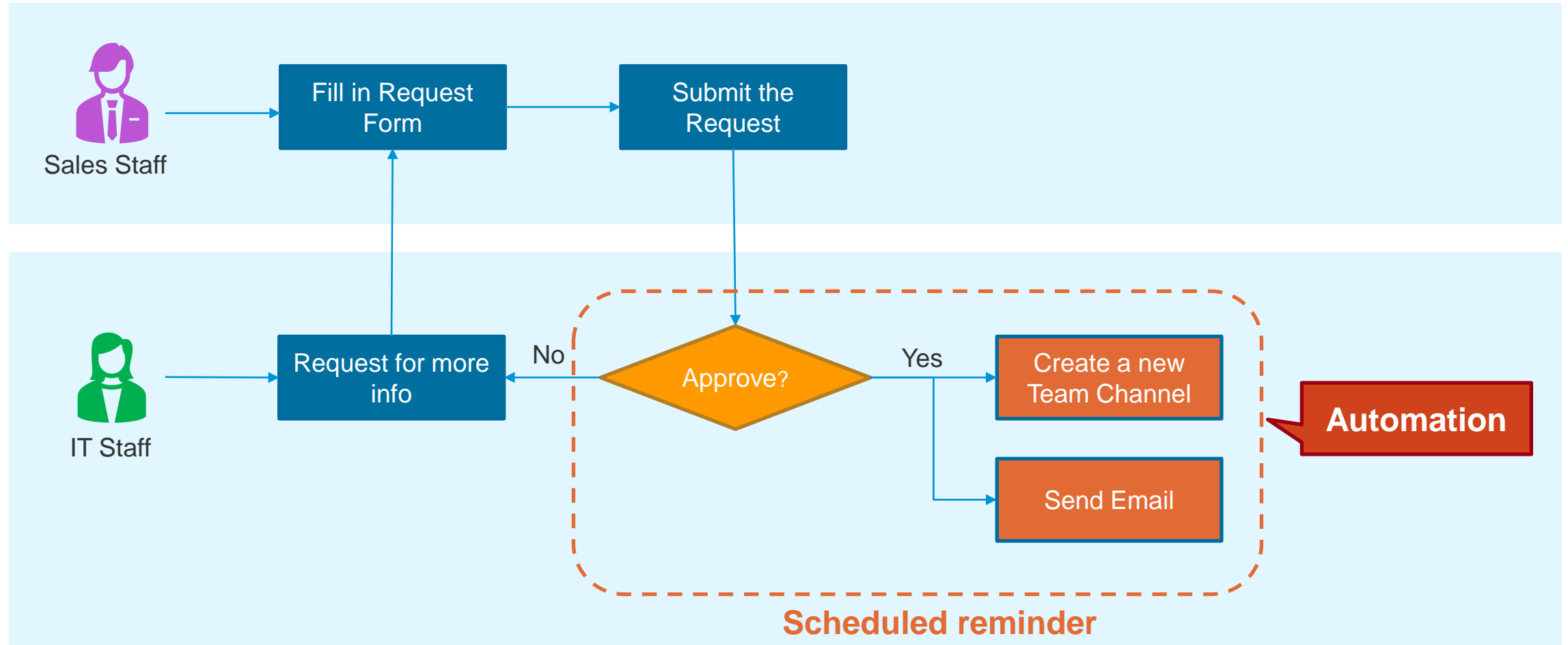
-  When a file is created (properties only)
-  When an item is created
-  When an item or a file is modified



Interact with data source

-  Create file
SharePoint
-  Create item
SharePoint
-  Get attachments
SharePoint
-  Get files (properties only)
SharePoint
-  Grant access to an item or a folder
SharePoint
-  Move folder
SharePoint

Power Automate Flow Sample



Power Automate Cloud Flows - Benefits



Automate quickly and more securely



Boost efficiency



Enhance workflows with AI

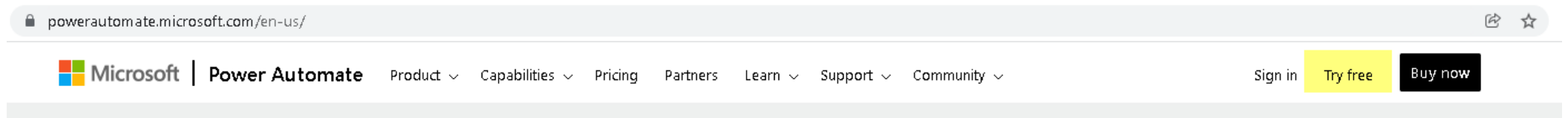


Save workers' time

Sign Up and Sign In for Power Automate

Sign up free

1. In flow.microsoft.com, select **Try free** in the upper-right corner



2. Enter your email address.

A screenshot of the Power Automate sign-up form. The form has a dark background. At the top, it says 'See how Power Automate helps you automate business processes and boost productivity.' Below this is a text input field containing 'someone@example.com' and a 'Start free' button. At the bottom, there is a line of text: 'By signing up, you agree to the [terms of service](#)' and a link for '[Privacy statement](#)'.

Sign in

1. In flow.microsoft.com, select **Sign in** in the upper-right corner.

2. On the sign-in page, enter your email address and password.

Power Automate Cloud Flows

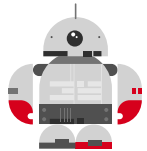
The screenshot displays the Microsoft Power Automate web application. The browser address bar shows the URL: <https://asia.flow.microsoft.com/manage/environments/Default-f4308c54-0208-43d3-afad-1f8df2f678b7/flows>. The top navigation bar includes the 'Power Automate' logo, a search bar for helpful resources, and the current environment 'NASH TECH (default)'. The left sidebar contains navigation links: Home, Action items, My flows, Create, Templates, Connectors, Data, Monitor, AI Builder, Process advisor, Solutions, and Learn. The 'New flow' dropdown menu is open, showing options to 'Start from a template' (with sub-options for Template and Visio template) and 'Build your own from blank' (with sub-options for Automated cloud flow, Instant cloud flow, Scheduled cloud flow, Desktop flow, and Business process flow). The main area displays a table of existing flows.

	Modified	Type
Business process flows Shared with me		
process for a Microsoft Teams ...	1 wk ago	Automated
	1 wk ago	Scheduled
forecast for my current loc...	1 wk ago	Instant
Button -> Apply to each, Send an email notificat...	2 wk ago	Instant
ManuallyTrigger-AIBuilder	2 wk ago	Instant

Build an automation with Power Automate

Robotic Process Automation in Power Automate

Power Automate for Desktop



Windows 10
Windows Server 2016
Built-in Windows 11

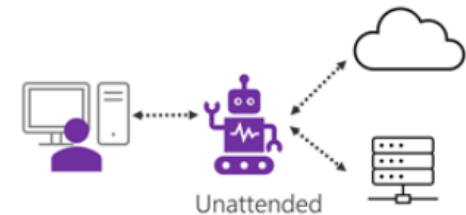


UI-based
automation
process



Attended

Attended robotic
process
automation

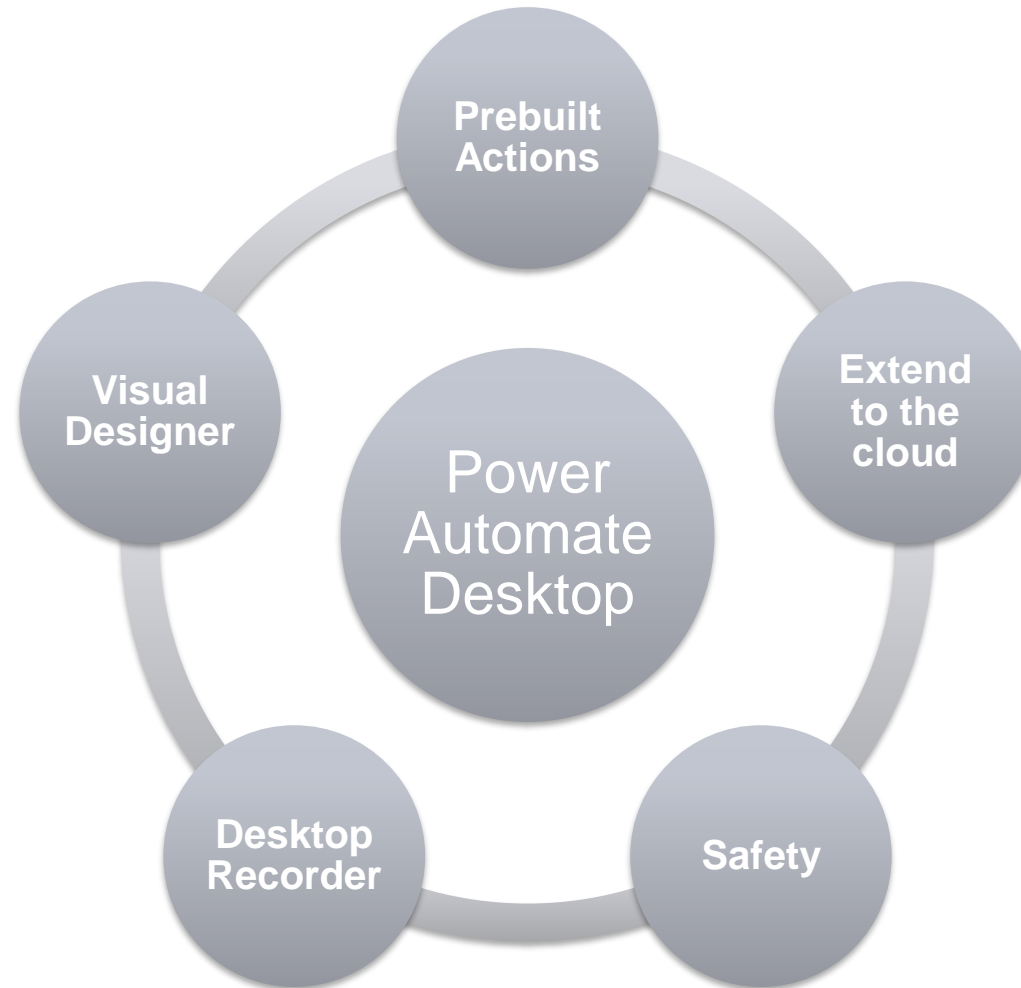


Unattended

Unattended
robotic process
automation

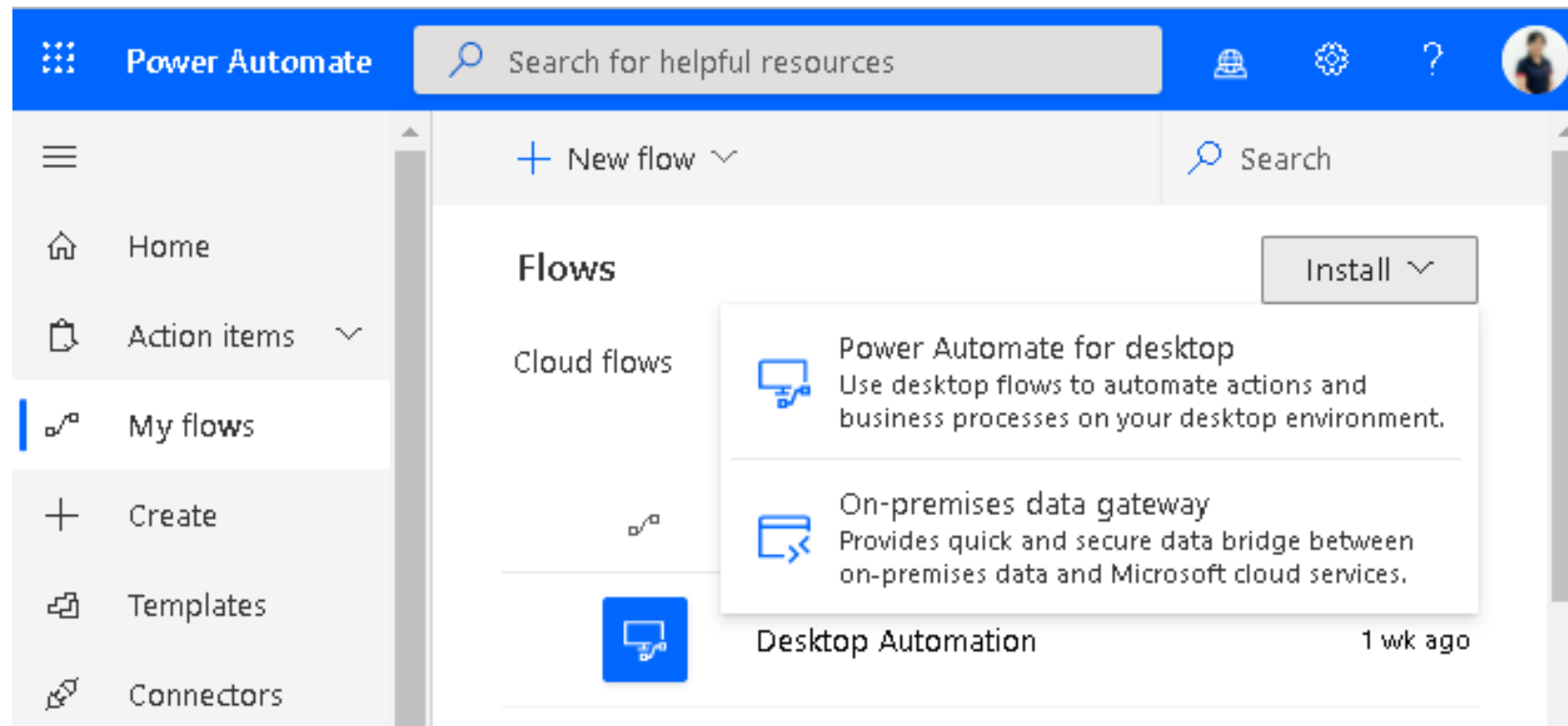
Power Automate Desktop Usability

- Visual Designer with a user-friendly interface
- Hundreds of prebuilt actions connects to many different systems
- Record desktop and web actions in a single flow
- Safeguard your automation
- Extend automation to the cloud



Power Automate for Desktop - Setup

- Login into Power Automate service
- Select My flows -> Install -> Power Automate for desktop



Power Automate for Desktop

The screenshot displays the Power Automate for Desktop application window. The title bar includes the menu (File, Edit, Debug, Tools, View, Help), the current project name (Web Automation | Power Automate), and the user profile (NASH TECH (default)).

Actions Panel: Located on the left, it features a search bar and a list of action categories: Variables, Conditionals, Loops, Flow control, Run flow, System, Workstation, Scripting, File, Folder, Compression, UI automation, HTTP, Browser automation, Excel, Database, Email, and Exchange.

Workflow Canvas: The central area shows a workflow with a single action at step 1: "Run subflow SendRequestToAzureFormRecognizer". Above the canvas, tabs indicate the current subflow being edited: "stToRuleEng...", "Main" (selected), and "LoginToDarwin".

Variables Panel: On the right, it shows a search bar and two sections of variables:

- Input / output variables (2):**
 - memoryCode2 (value: 7)
 - txtPassword (value: <Sensitive value>)
- Flow variables (13):**
 - Browser
 - ButtonPressed
 - ButtonPressed2
 - ClaimRequestJ...
 - CommandErro...
 - CommandErro...

Status Bar: At the bottom, it shows "Status: Ready", "1 Selected action", "1 Action", "4 Subflows", and a "Run delay" of 100 ms.

Build an automation process with Power Automate Desktop

Chat to Experts



Case study

Claim Adjudication – problem statement

Regard processing employee requests related to settling benefits reimbursements expenses.



facilitating population of **4 million employees** in **100 countries**



high complexity of daily Claim Administrator efforts (varying number of supporting documents in vast number and uncontrolled document formats)



200+ highly diversified client specific policies



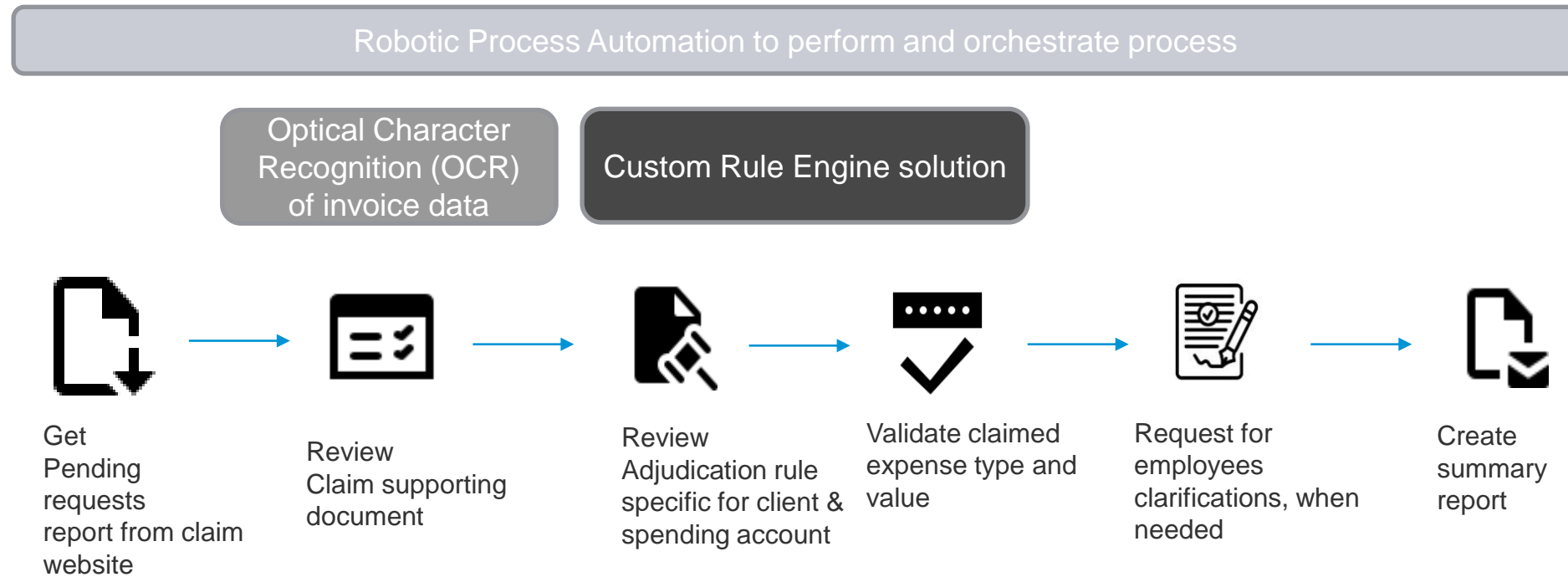
support in **20+ languages**, highest volumes English



40.000+ requests serviced on monthly basis



Anticipated shape of smart claim adjudication processing



Demonstration



Power Platform Learning Path

Power Apps

Existing Resources

Planned Refresh

Coming Soon

BEGINNER

Exam PL-900: Microsoft Power Platform Fundamentals

5.7-hours 12 modules – [Microsoft Learn](#)

Exam Prep PL-900

5.5-hours 4 sessions – [Virtual Training Series](#)

INTERMEDIATE

Exam PL-200: Microsoft Power Platform Functional Consultant

48-hours 58 modules – [Microsoft Learn](#)

Implementing Microsoft Power Platform (PL-200)

8-hours 4 sessions – [Virtual Training Series](#)

Exam PL-400: Microsoft Power Platform Developer

32.75-hours 34 modules – [Microsoft Learn](#)

Developing Power Platform Solutions (PL-400)

10-hours 5 sessions – [Virtual Training Series](#)

Power Platform – Power Apps Partners Airlift

10-hours 5 sessions – [Virtual Training Series](#)

ADVANCED

Exam MB-600: Microsoft Dynamics 365 + Power Platform Solution Architect

4-hours 5 modules – [Microsoft Learn](#)

Exam Prep MB-600

6-hours 3 sessions – [Virtual Training Series](#)

CERTIFICATIONS

[Microsoft Certified: Power Platform Fundamentals](#)

[Microsoft Certified: Power Platform Functional Consultant Associate](#)

[Microsoft Certified: Microsoft Power Platform Developer Associate](#)

[Microsoft Certified: Dynamics 365 + Power Platform Solution Architect Expert](#)

EXAMPLE OFFERINGS

Webinars

Partner Technical Boot Camp

Enterprise Skills Initiative (Pilot) – AUS, IND, LATAM, MEA, US, UK, and WE includes Train-The-Trainer for GSIs

Other Readiness Resources

- [Microsoft Power Apps Learning Resources](#)
- [Power Platform Training Materials](#)
- [Power Apps Learning Paths on LEARN](#)
- [Power Platform Partner webinar series](#)
- [Microsoft Power Apps Community](#)
- [Microsoft Power Apps Community Blog](#)
- [Microsoft Partner Community - Competency & Training Forum](#)

Power BI

Existing Resources

Planned Refresh

Coming Soon

BEGINNER

Exam PL-900: Microsoft Power Platform Fundamentals

5.7-hours 12 modules – [Microsoft Learn](#)

Exam Prep PL-900

5.5-hours 4 sessions – [Virtual Training Series](#)

Power BI Adoption Framework

3.5-hours 5 sessions – [Virtual Training Series](#)

INTERMEDIATE

Exam DA-100: Analyzing Data with Microsoft Power BI

18-hours 16 modules – [Microsoft Learn](#)

Data Visualization and Analysis with Power BI (DA-100)

8-hours 4 sessions – [Virtual Training Series](#)

Power BI – Advanced Data Shaping

Available via local teams

Power BI – Advanced Modeling

Available via local teams

Power BI – Advanced Visualization

Available via local teams

ADVANCED

Individuals can pursue

Azure's

Data and AI Advanced and Expert Certs – Learning Journeys

CERTIFICATIONS

[Microsoft Certified: Power Platform Fundamentals](#)

[Microsoft Certified: Data Analyst Associate](#)

EXAMPLE OFFERINGS

Webinars

Incubation and Adoption – Technical Workshops

Technical Consultations

Other Readiness Resources

- [Microsoft Power Platform: Learning Resources](#)
- [Microsoft Power BI Community](#)
- [Microsoft Power BI Learning Paths on LEARN](#)
- [Microsoft Power BI Blog](#)
- [Power Platform Partner webinar series](#)
- [Microsoft Partner Community - Competency & Training Forum](#)
- [Internal Only - FY21 Azure Partner Enablement Plan](#)

Power Automate

Existing Resources

Planned Refresh

Coming Soon

BEGINNER

Exam PL-900: Microsoft Power Platform Fundamentals

5.7-hours 12 modules – [Microsoft Learn](#)

Exam Prep PL-900

5.5-hours 4 sessions – [Virtual Training Series](#)

Microsoft Power Automate Self-Learn - Beginner: Automate a business process using Power Automate

6-hours 5 modules – [Microsoft Learn](#)

Intelligent Automation – Fundamentals

9-hours 3 sessions (TBC) – Coming Soon (Feb.2021)

INTERMEDIATE

Microsoft Power Automate (4 learning paths) – Intermediate

16.5-hours 18 modules – [Microsoft Learn](#)

Exam PL-200: Microsoft Power Platform Functional Consultant

48-hours 58 modules – [Microsoft Learn](#)

Implementing Microsoft Power Platform (PL-200)

8-hours 4 sessions – [Virtual Training Series](#)

Exam PL-400: Microsoft Power Platform Developer

32.75-hours 34 modules – [Microsoft Learn](#)

Developing Power Platform Solutions (PL-400)

10-hours 5 sessions – [Virtual Training Series](#)

Intelligent Automation – Intermediate

12-hours 4 sessions (TBC) – Coming Soon (Mar.2021)

ADVANCED

Exam MB-600: Microsoft Dynamics 365 + Power Platform Solution Architect

4-hours 5 modules – [Microsoft Learn](#)

Exam Prep MB-600

6-hours 3 sessions – [Virtual Training Series](#)

CERTIFICATIONS

[Microsoft Certified: Power Platform Fundamentals](#)

[Microsoft Certified: Power Platform Functional Consultant Associate](#)

[Microsoft Certified: Microsoft Power Platform Developer Associate](#)

[Microsoft Certified: Dynamics 365 + Power Platform Solution Architect Expert](#)

EXAMPLE OFFERINGS

Webinars

Incubation and Adoption – Technical Workshops and Partner Technical Boot Camp

Technical Consultations

Other Readiness Resources

- [Power Platform Training Materials](#)
- [Power Automate Learning Paths on LEARN](#)
- [Power Platform Training Materials](#)
- [WinAutomation learning path modules](#)
- [Microsoft Power Automate Community](#)
- [Microsoft Power Automate Blog](#)
- [Power Platform Partner webinar series](#)
- [Microsoft Partner Community - Competency & Training Forum](#)
- [Microsoft Power Platform: Learning Resources](#)

Power Platform Developer

Existing Resources

Planned Refresh

Coming Soon

BEGINNER

Exam PL-900: Microsoft Power Platform Fundamentals

5.7-hours 12 modules – [Microsoft Learn](#)

Exam Prep PL-900

5.5-hours 4 sessions – [Virtual Training Series](#)

Microsoft Power Automate Self-Learn - Beginner: Automate a business process using Power Automate

6-hours 5 modules – [Microsoft Learn](#)

Power BI Adoption Framework

3.5-hours 5 sessions – [Virtual Training Series](#)

Intelligent Automation – Fundamentals

9-hours 3 sessions (TBC) – Coming Soon (Feb.2021)

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Microsoft Power Automate (4 learning paths) – Intermediate

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18-hours 16 modules – [Microsoft Learn](#)

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Exam PL-400: Microsoft Power Platform Developer

32.75-hours 34 modules – [Microsoft Learn](#)

Developing Power Platform Solutions (PL-400)

10-hours 5 sessions – [Virtual Training Series](#)

Intelligent Automation – Intermediate

12-hours 4 sessions (TBC) – Coming Soon (Mar.2021)

ADVANCED

Exam MB-600: Microsoft Dynamics 365 + Power Platform Solution Architect

4-hours 5 modules – [Microsoft Learn](#)

Exam Prep MB-600

6-hours 3 sessions – [Virtual Training Series](#)

CERTIFICATIONS

[Microsoft Certified: Power Platform Fundamentals](#)

[Microsoft Certified: Data Analyst Associate](#)

[Microsoft Certified: Microsoft Power Platform Developer Associate](#)

[Microsoft Certified: Dynamics 365 + Power Platform Solution Architect Expert](#)

EXAMPLE OFFERINGS

Webinars

Incubation and Adoption – Technical Workshops and Partner Technical Boot Camp

Technical Consultations

Other Readiness Resources

- [Power Platform Training Materials](#)
- [Microsoft Power Apps Learning Resources](#)
- [Power Apps Partners Airlift \(Intermediate – VTS equivalent to PL-900 and PL-200\)](#)
- [Power Platform Partner webinar series](#)
- [Power Apps Learning Paths on LEARN](#)
- [Power Automate Learning Paths on LEARN](#)
- [Microsoft Power BI Learning Paths on LEARN](#)
- [Microsoft Partner Community - Competency & Training Forum](#)
- [Microsoft Power Platform: Learning Resources](#)

Certifications and exams on the journey to Microsoft Certified: Power Platform

FUNDAMENTALS

PL-900

Microsoft Power Platform
Fundamentals



Microsoft Certified:
Microsoft Certified: Power Platform
Fundamentals

(Optional and not required for
role-based certifications)

ASSOCIATE

PL-200

Microsoft Power Platform
Functional Consultant



Microsoft Certified:
Power Platform Functional Consultant Associate

PL-400

Microsoft Power Platform Developer



Microsoft Certified:
Power Platform Developer Associate

The following exams are a stand-alone associate certifications and are not required for expert certification

PL-100

Microsoft Power Platform App Maker



Microsoft Certified:
Power Platform App Maker
Associate

DA-100

Analyzing Data with Microsoft Power BI



Microsoft Certified:
Data Analyst Associate

EXPERT

MB-600

Microsoft Dynamics 365 +
Power Platform Solution Architect



Microsoft Certified:
Dynamics 365 + Power Platform
Solution Architect

Pass certification exams
PL-200 plus one of the
following:
MB-210, MB-220, MB-230,
MB-240; and MB-600

or

pass certification exams
PL-400 and MB-600 to earn
expert certification

Mini Game

A vibrant blue liquid is captured in a dynamic splash against a solid red background. The liquid forms a large, flowing shape that curves from the bottom left towards the top right. A white rectangular frame is superimposed over the center of the splash, containing the text "Thank you".

Thank you