MIDPORT

scandinavia

Who we are
Steven Branigan – Senior Solution Architect

ESTABLISHED 2003

PRIVATELY OWNED

5 OFFICES - HQ IN STOCKHOLM
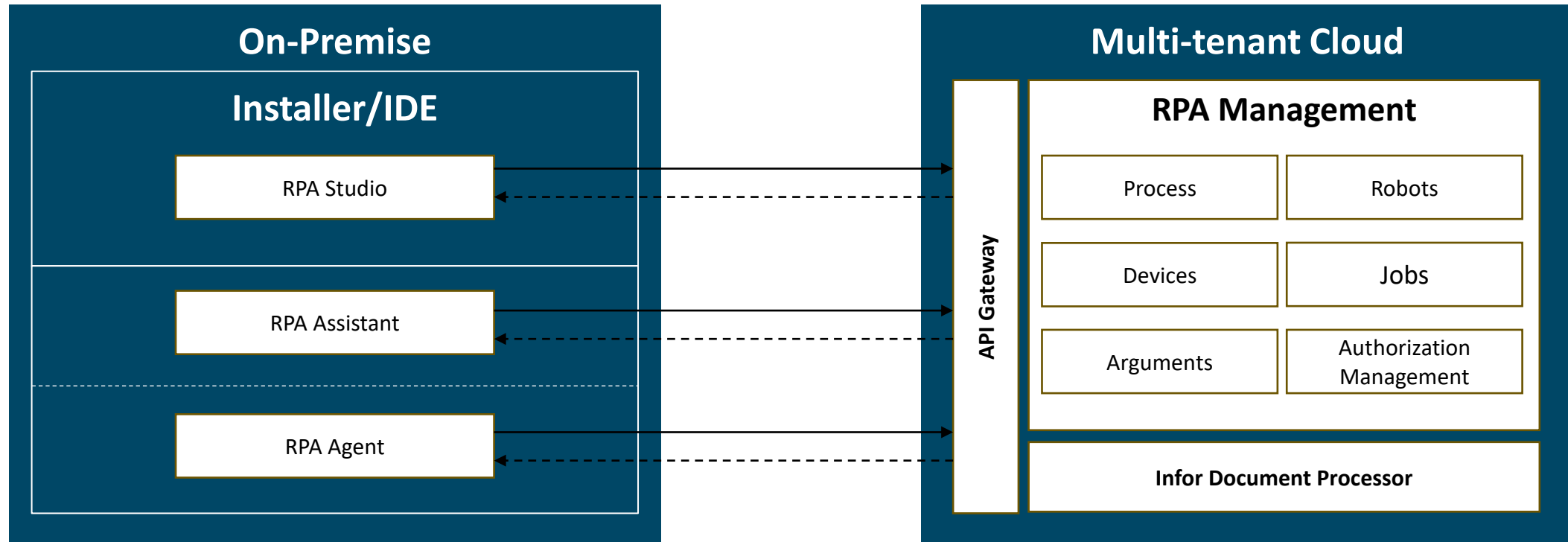
85+ CONSULTANTS

150+ MSEK REVENUE

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Infor RPA

RPA Components

On-Premise

Installer/IDE

RPA Studio

RPA Assistant

RPA Agent

Multi-tenant Cloud

API Gateway

RPA Management

Process	Robots
Devices	Jobs
Arguments	Authorization Management

Infor Document Processor

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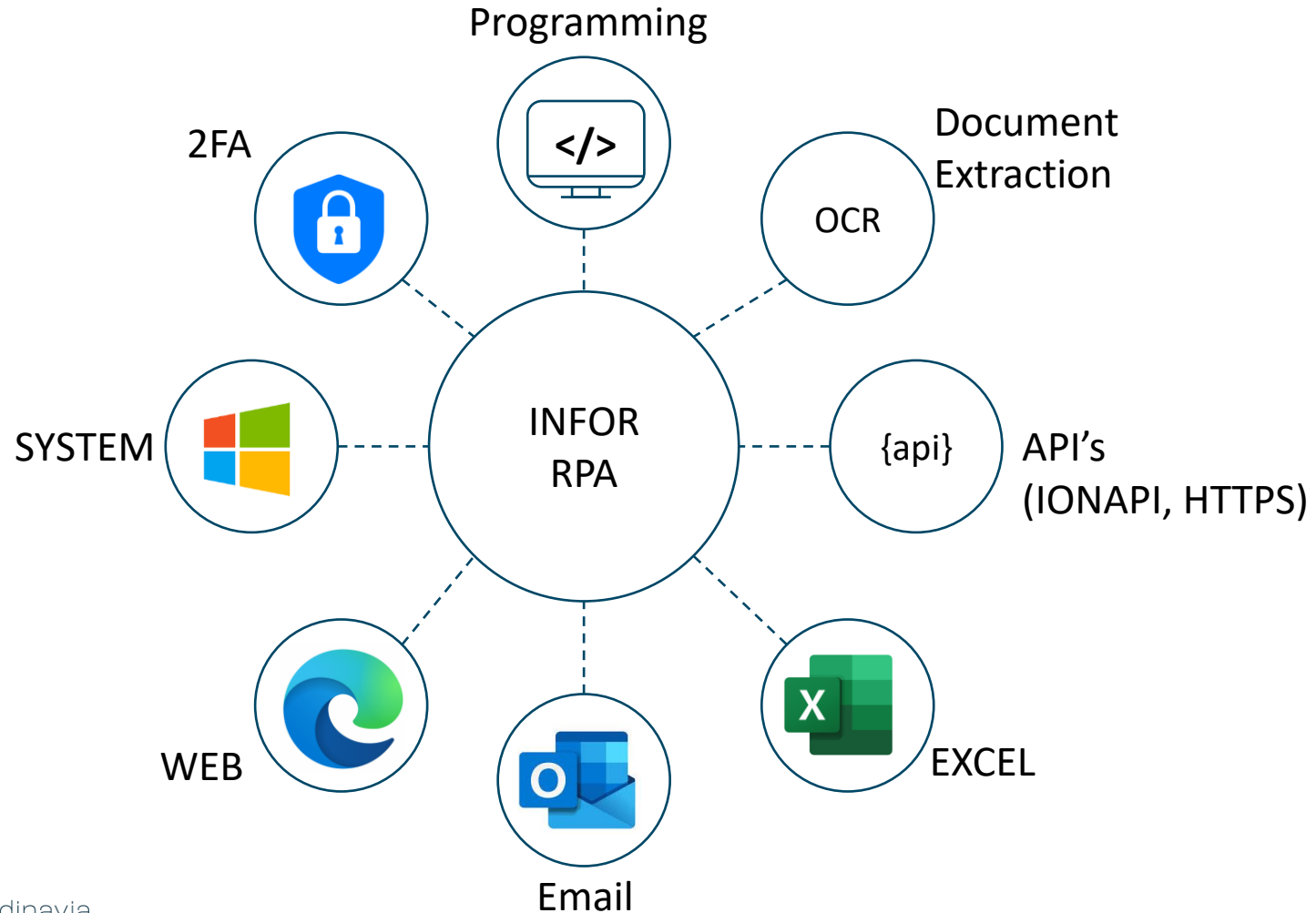
Execution Modes

Attended Mode
- User initiated, On-Demand execution
- Supervised by the User during execution

RPA Flow

Unattended Mode
- Job initiated, Schedule driven, Invoked via API's
- Typically, unsupervised during execution

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Automation Tasks (Activities)
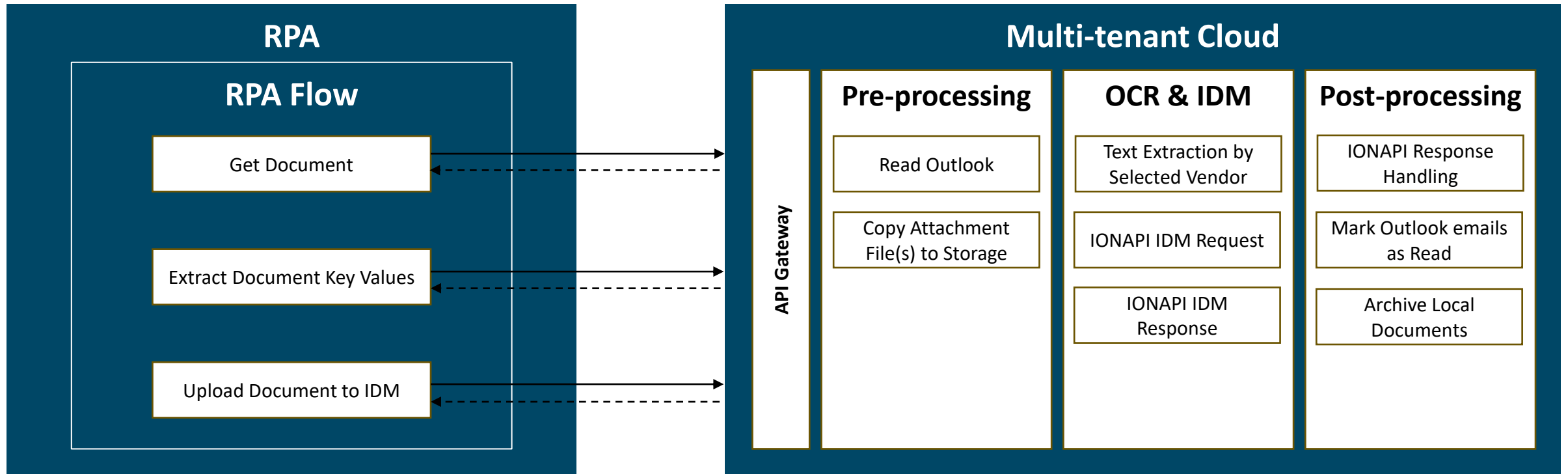

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Activities

- **Desktop** – standard desktop style actions, click, close application, send keys, save to clipboard, etc.
- **Email** – compose email, move outlook email, read emails, send outlook email, download IMAP attachments, etc.
- **EXCEL** – add sheet, copy sheet, read range, write cell, read column, etc.
- **Flowchart** – flowchart, flow decision, flow switch
- **HTTPS** – HTTPS request
- **IONAPI** – IONAPI request
- **OCR** – Extract Data, Extract Document Key-Values, Extract Table, Get OCR Text
- **OneDrive** – Copy File/Folder, Download File, Move File/Folder, Export file as PDF, etc.
- **Primitives** – Assign, Delay
- **Programming** – Add DataTable Column, Add DataTable Row, Invoke Method, Invoke Python Script, Try Catch, etc.
- **Sharepoint List** – Add/Delete/Get List Items, Get Individual List Items, Update List Item, Get List Information
- **State Machines** – Final State, State, State Machine
- **System** – Append Line, Deserialize JSON, Extract Directory, FTP File Download, JQ Transform, Read Text File, User Input Prompt, etc.
- **2FA** – Google & Microsoft supported
- **Web** – Get Table, Get Page, Text, Find Elements, Get Attribute, Take Screenshot, Save as PDF, Get Element Text, etc.
- **Debug** – Comment Out
- **Workflow** – Do While, For Each, If, Invoke Workflow, Parallel, Pick, Pick Branch, Rethrow, Sequence, Switch, Terminate Workflow, Throw, While

Use Case Architecture
RPA, OCR, & IDM – Working Together

RPA

RPA Flow

- Get Document
- Extract Document Key Values
- Upload Document to IDM

Multi-tenant Cloud

API Gateway

Pre-processing

- Read Outlook
- Copy Attachment File(s) to Storage

OCR & IDM

- Text Extraction by Selected Vendor
- IONAPI IDM Request
- IONAPI IDM Response

Post-processing

- IONAPI Response Handling
- Mark Outlook emails as Read
- Archive Local Documents

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Use Case Architecture
JIRA and RPA – Working Together

RPA

RPA Flow

- Get Outlook Email
- POST JIRA Https Request
- Send Outlook Email

Multi-tenant Cloud

API Gateway

Pre-processing
- Read Incoming Email Subject & Body
- New vs Existing Support Request
- Create Https Request Body

JIRA API
- Https Request
- Https Response

Post-processing
- Https Response Handling
- Send Outlook Email
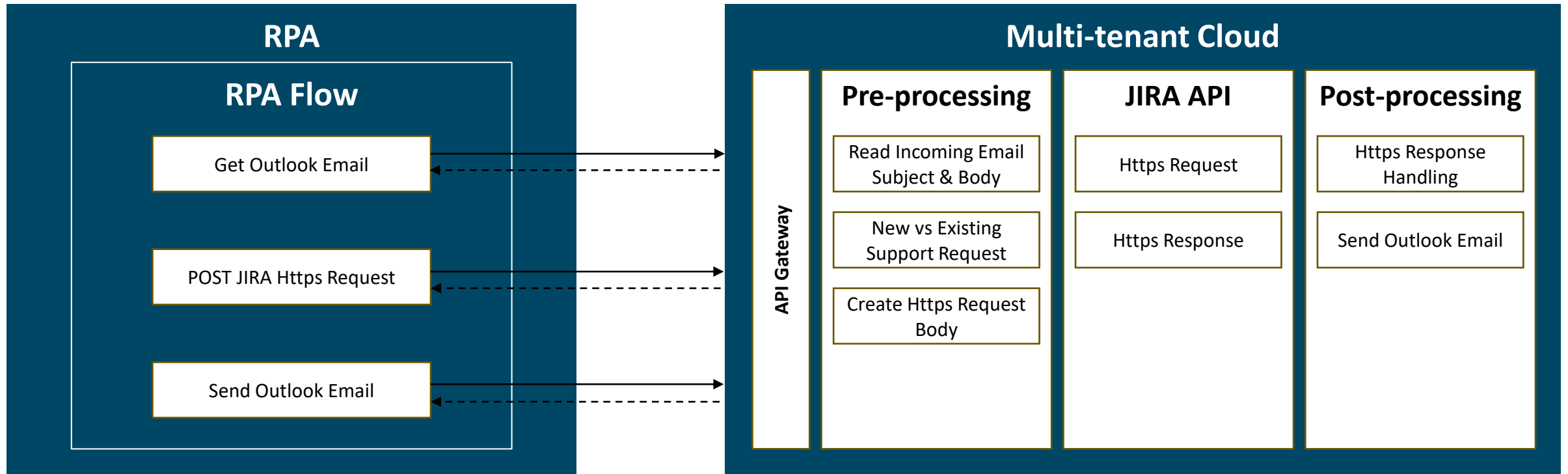
Use Case Architecture
Infor IONAPI/Compass and RPA

RPA

RPA Flow

- Get Outlook Email
- POST Compass API Request
- Send Outlook Email

Multi-tenant Cloud

API Gateway

Pre-processing
- Read Incoming Email Subject & Body
- Create IONAPI Request

IONAPI
- IONAPI Request
- IONAPI Response

Post-processing
- IONAPI Response Handling
- Send Outlook Email

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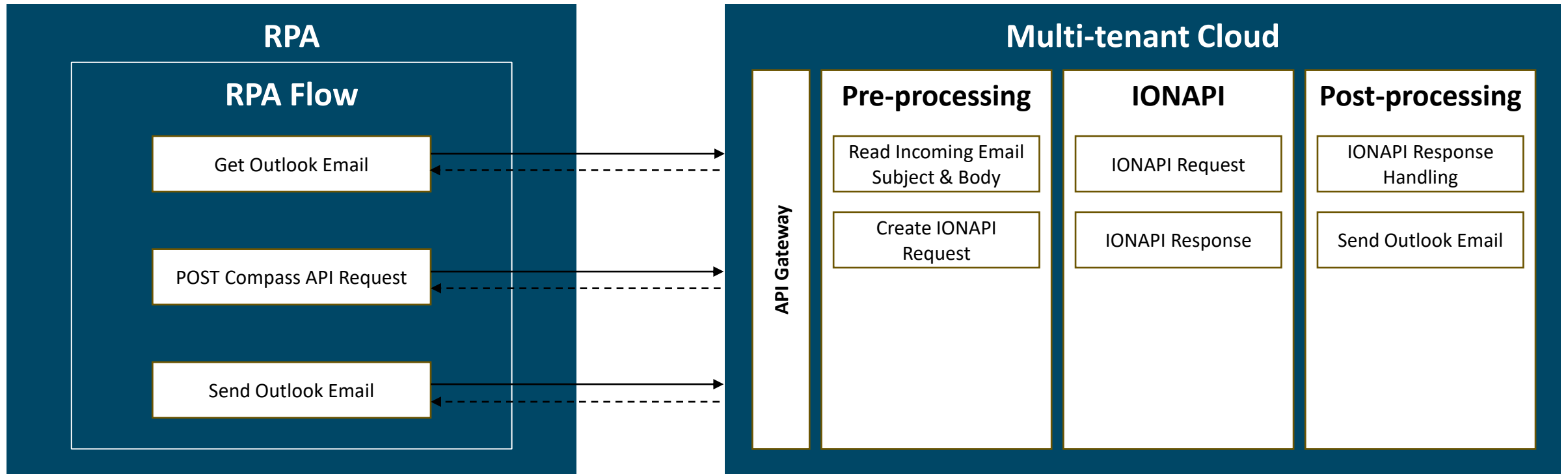
Additional Potential Use Cases

- Automate Invoice Matching process in Infor ERP & IDM

- Automate matching paperwork with orders:
    - Purchase Order acknowledgements
    - Incoming Goods Receival
    - Inspection Orders
    - Manufacturing Operation Checklists
    - ACP & ACR Invoices

- Automate processing of web-form related data

- Automate posting EXCEL based data to BIRST

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We make it happen!

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