



BUSINESS PROCESS AUTOMATION

OVERVIEW

WORKFLOW

IFS CLOUD – 21R1

AGENDA

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WHAT IS
BUSINESS
PROCESS
AUTOMATION IN
IFS CLOUD?

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BPMN



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BPA'S

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BPA'S

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PROCESS
ENRICHMENT
BPA'S

The background of the slide features a complex network diagram. It includes various icons such as a cloud, a bar chart, a gear, a padlock, a person, a globe, and a factory, all interconnected by lines. A hand is shown in the foreground, with a finger pointing towards the diagram. The overall theme is digital transformation and automation.

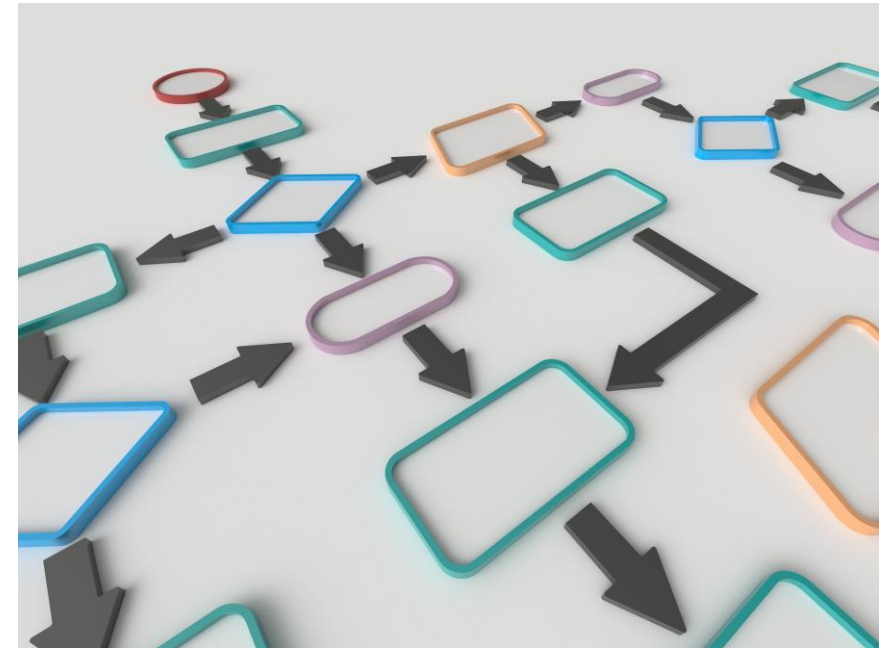
WHAT IS BUSINESS PROCESS
AUTOMATION (BPA) IN IFS CLOUD?

BUSINESS PROCESS AUTOMATION

IFS BUSINESS PROCESS AUTOMATION (BPA)

BACKGROUND

- As part of IFS's continuous goal to make our software easier to use and tailor, Business Process Automation (BPA) functionality has been implemented within the IFS Cloud 21R1 release. This means a workflow engine has been embedded within the IFS Cloud Platform to enhance the automation and tailoring experience of IFS Cloud.
- A Workflow is a sequence of tasks that processes a set of data. They can occur across every kind of business and industry interaction. Anytime data is passed between humans and/or systems, a workflow is performed. They are also the paths that describe how something goes from being undone to done, or raw to processed.
- With the Business Process Automation features being built into the event framework and the REST API framework means that we can leverage our current functionality but also enhance it. An example of this is triggering an event that is linked to a BPA which triggers different automations such as calling a projection within IFS or even triggering the user to enter additional information based on a transaction they are performing within the system.



WORKFLOW CONCEPT

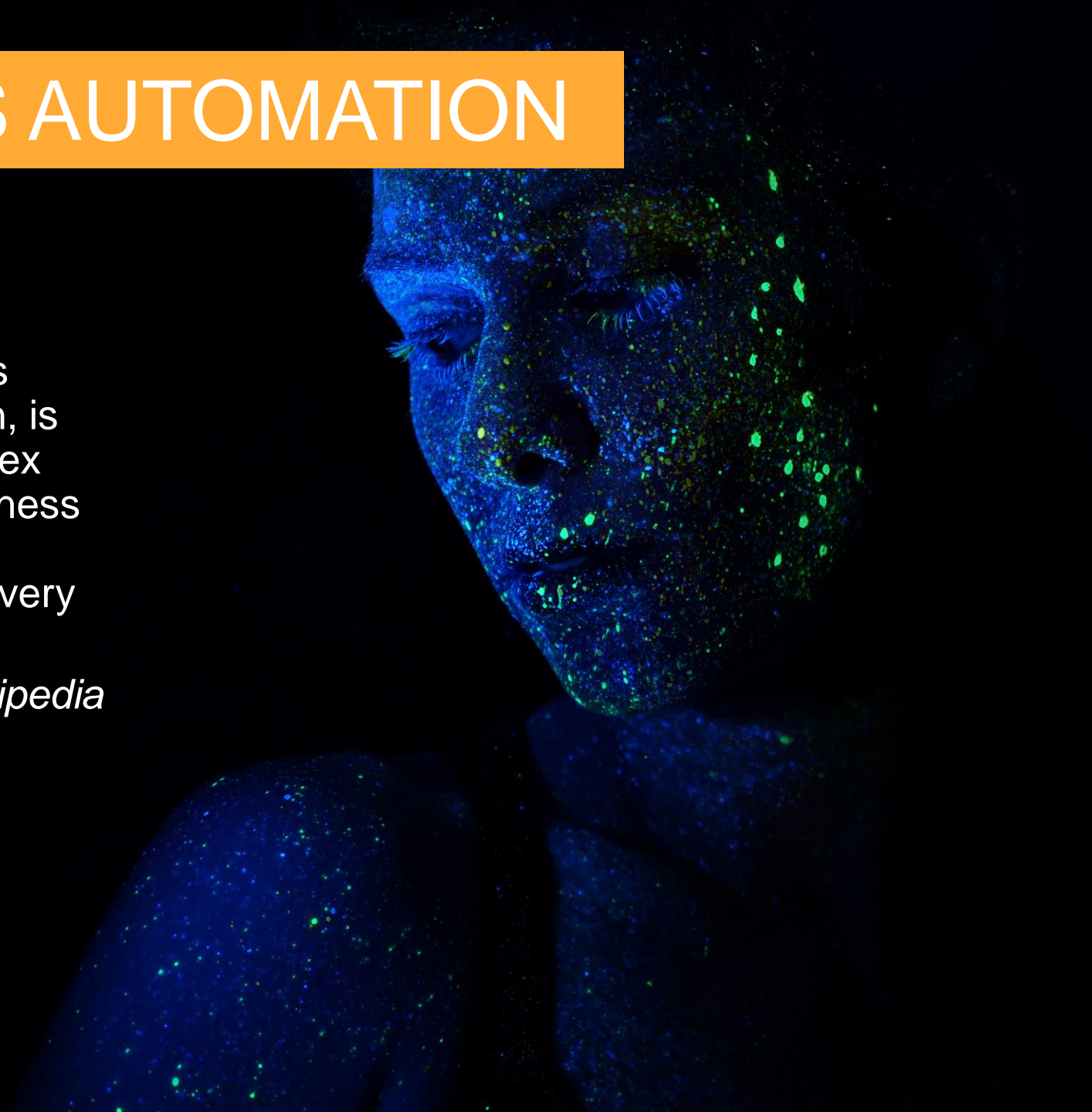
Our **workflow engine** is embedded within the IFS Cloud application that manages business processes. A **workflow engine** manages and monitors the state of activities in a **workflow**, these can then trigger manual or automated steps to be actioned within the business process.

BUSINESS PROCESS AUTOMATION

CONCEPT

Business process automation, also known as business automation or digital transformation, is the technology-enabled automation of complex business processes. It can streamline a business for simplicity, achieve digital transformation, increase service quality, improve service delivery or contain costs.

- *Wikipedia*



BUSINESS PROCESS AUTOMATION (BPA)

EVENT DRIVEN

Initiated by events occurring in system. Data updates, pre/post any API action invoked, time milestones, automated or manual.



PROCESS AUTOMATION

Business Process Automation ensuring data quality and consistency while enabling users to be more efficient.



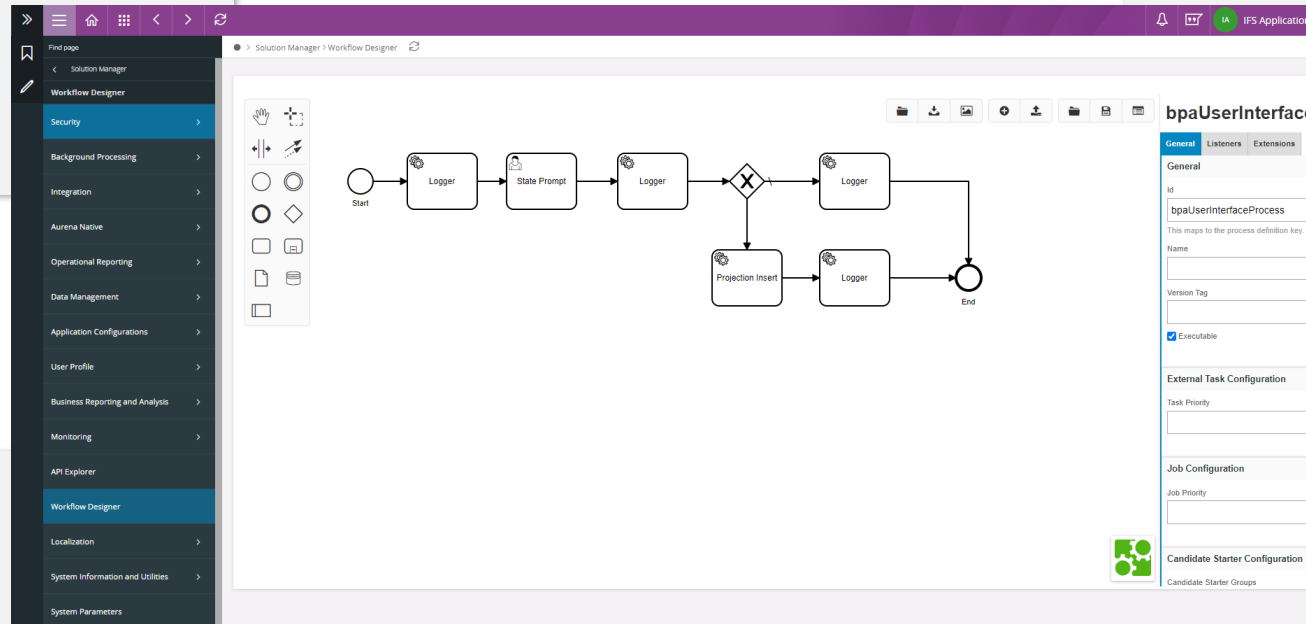
API CENTRIC

Consumes modern APIs, either in IFS or another application within the customer's ecosystem.



DEMOCRATIZATION

Puts the power in the hands of business users to change the system as their business changes without expensive, long duration IT projects.



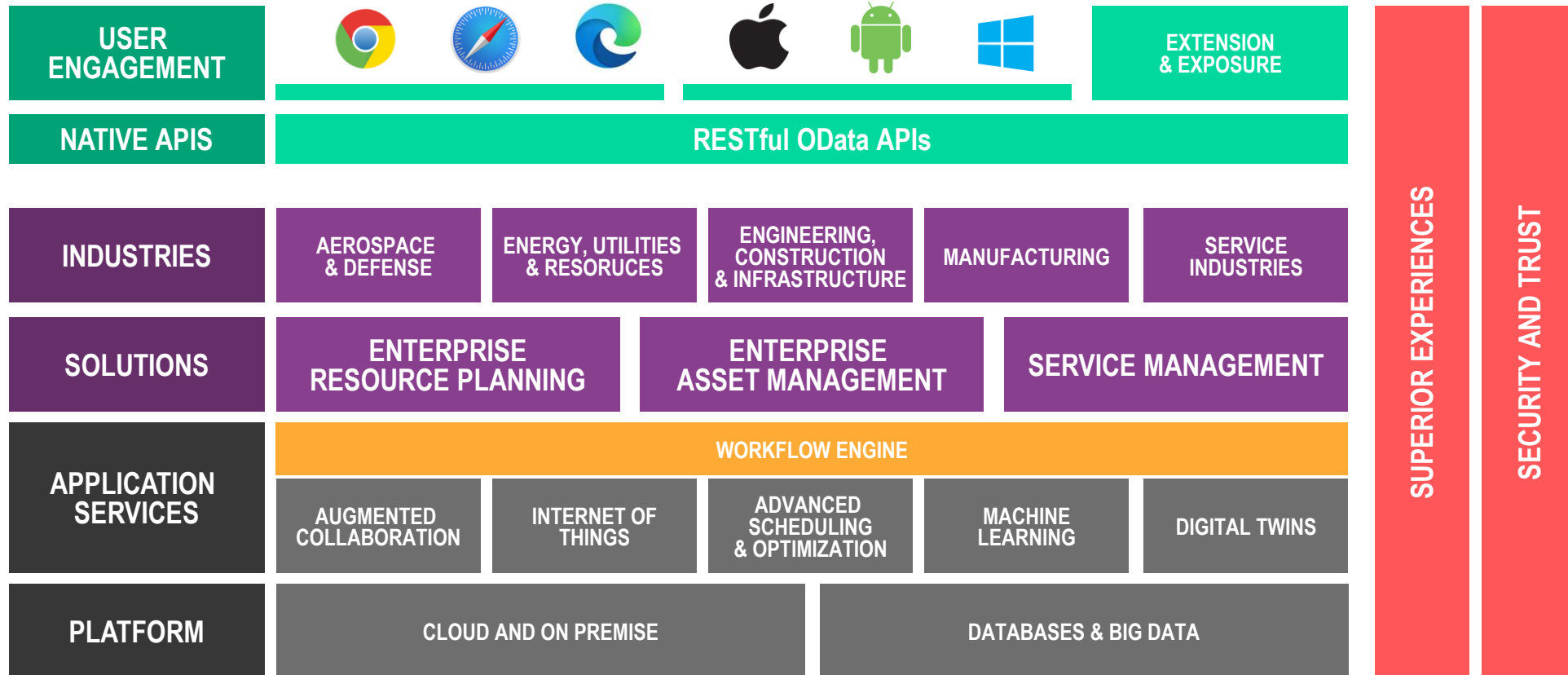
**VISUAL
MODELING**

**STAGED
DEPLOYMENT**

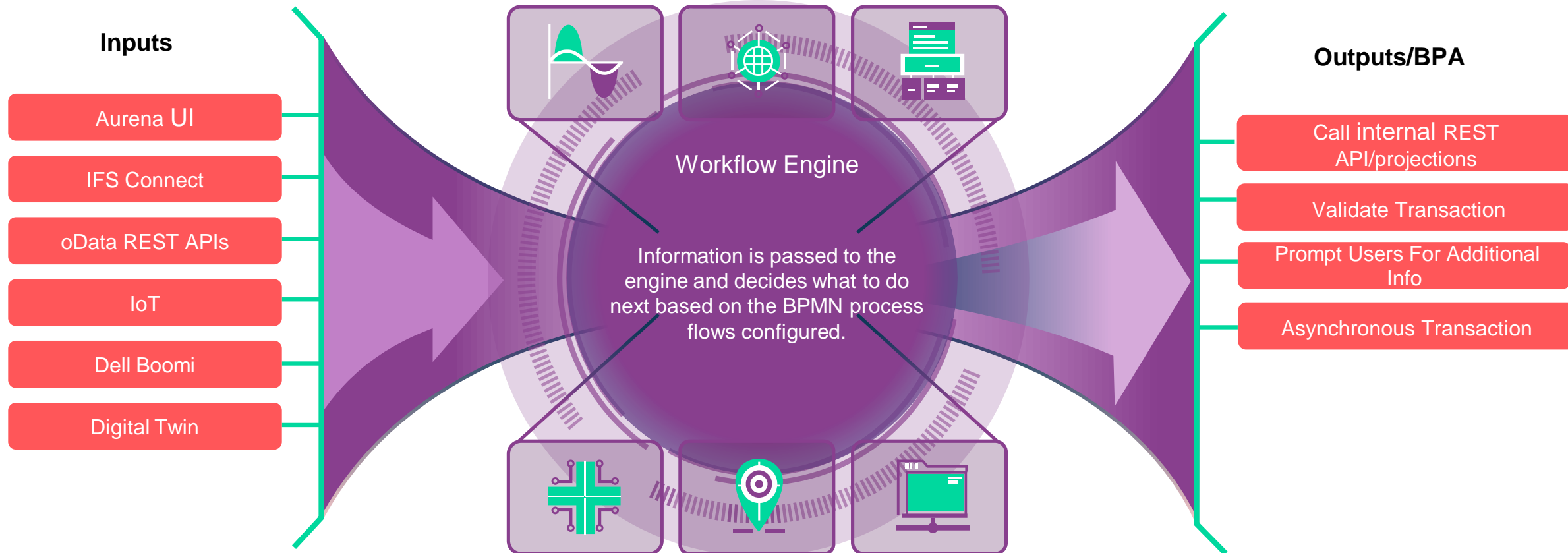
REAL TIME

**MANAGEMENT &
GOVERNANCE**

EVOLVED ARCHITECTURE MODEL



INPUTS AND OUTPUTS OF BPA



BUSINESS PROCESS AUTOMATION

TYPES

VALIDATION

USER
INTERACTION

PROCESS
ENRICHMENT

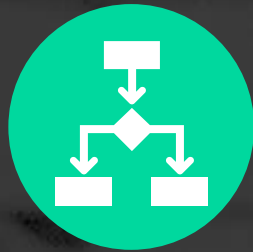
CONFIGURATION VS CUSTOMIZATION

VALUE



Workflow Designer

Provides the customer the ability to visually see what the correct output would be based on the conditions provided by the use.



BPMN

Provides a standard notation that is understandable by many different business employees / stakeholders and makes for the maintenance of these BPA's easier.



Ease Of Use

Easier to use = less training and need for specific resources/skills.



Quicker Time To Value

Customers will be able to implement change quickly.



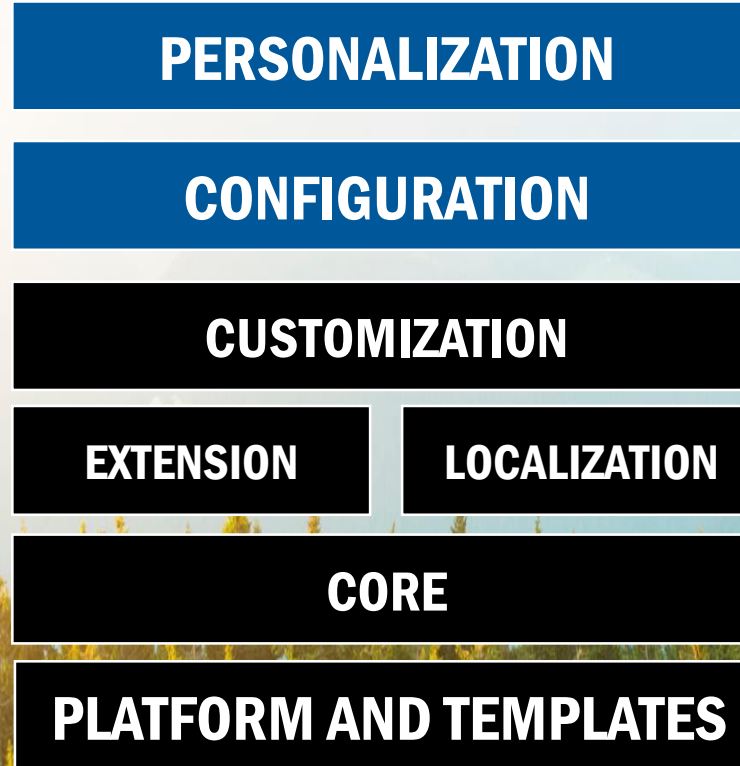
Increased Agility

Increased agility comes with quicker time to value.

EVERGREEN JOURNEY - VALUE



**MORE
CONFIGURATION**



LAYERED APPLICATION ARCHITECTURE



**IFS
UPDATES**

The path towards evergreen business applications means that your specific requirements are included as non-intrusive configurations or as part of the layered applications architecture. The source code is never modified, which makes it easier to apply updates and always remain on the latest version.



EVERGREEN, NO FUSS

VALUE

**HIGH-VALUE
LOW-IMPACT
TAILORING**

NEW FEATURES

**APPLICATION
LIFE-CYCLE
EXPERIENCE**



#forthechallengers