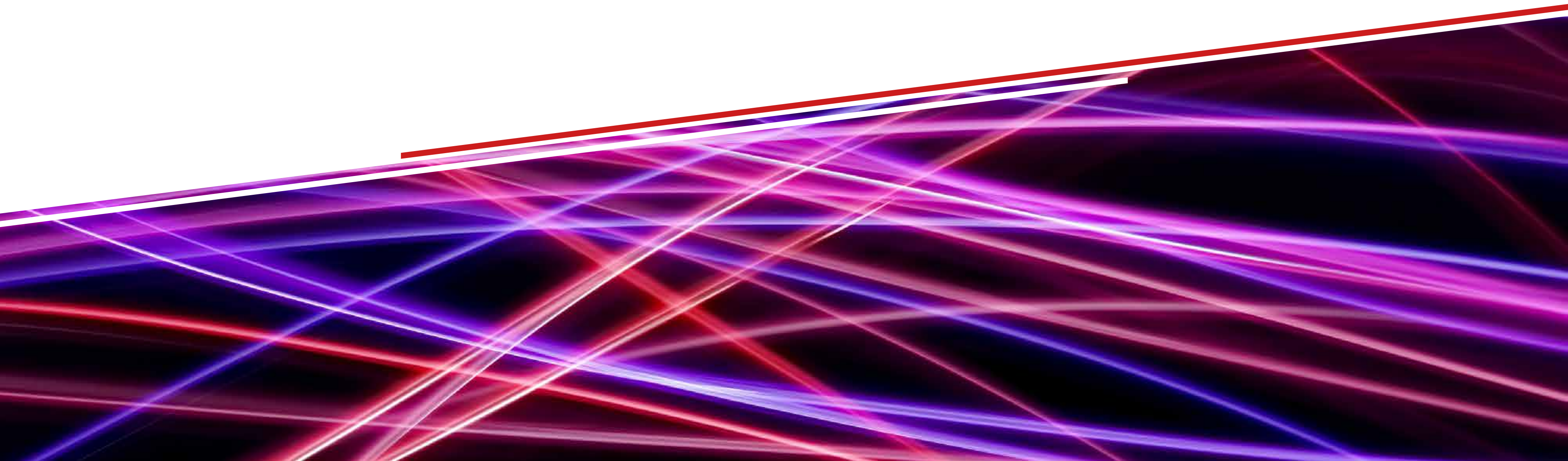# Aras DevOps – Toolchain and processes to manage your PLM implementation

Benjamin CHAILLON

Tuesday, March 5

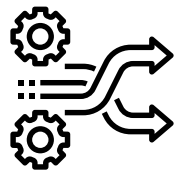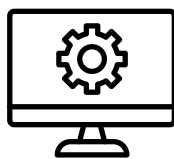# Why is Aras DevOps a must for your PLM implementation ?

Digital Thread is a journey

PLM Implementations are long living system
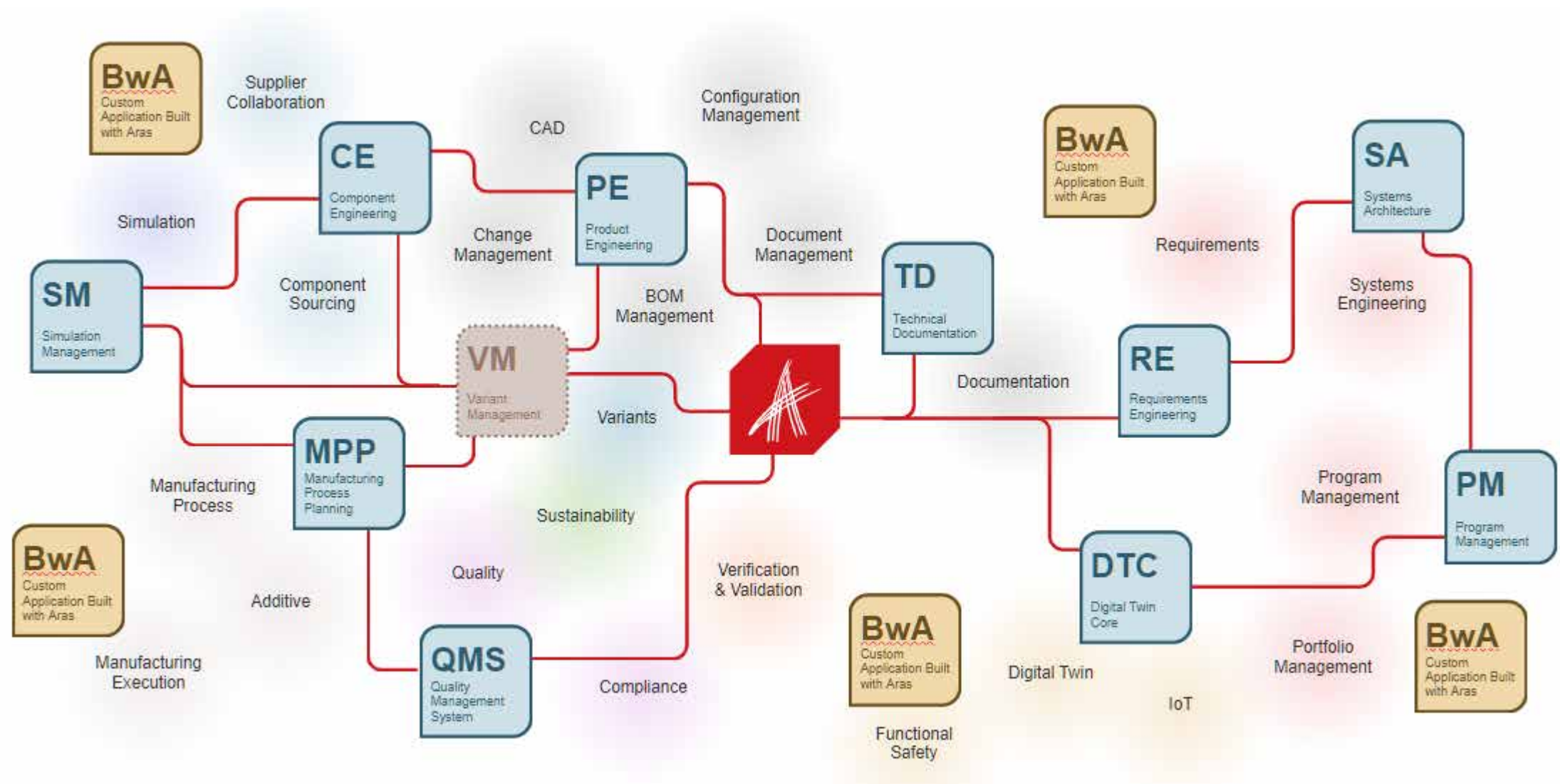
Business is changing over time
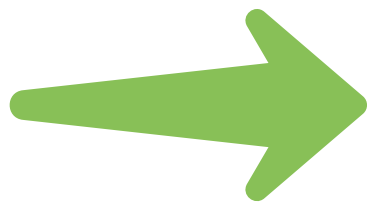
Adaptability is key. Aras Innovator DNA

Cannot rely on collective memory

Configuration management of your PLM system is a must
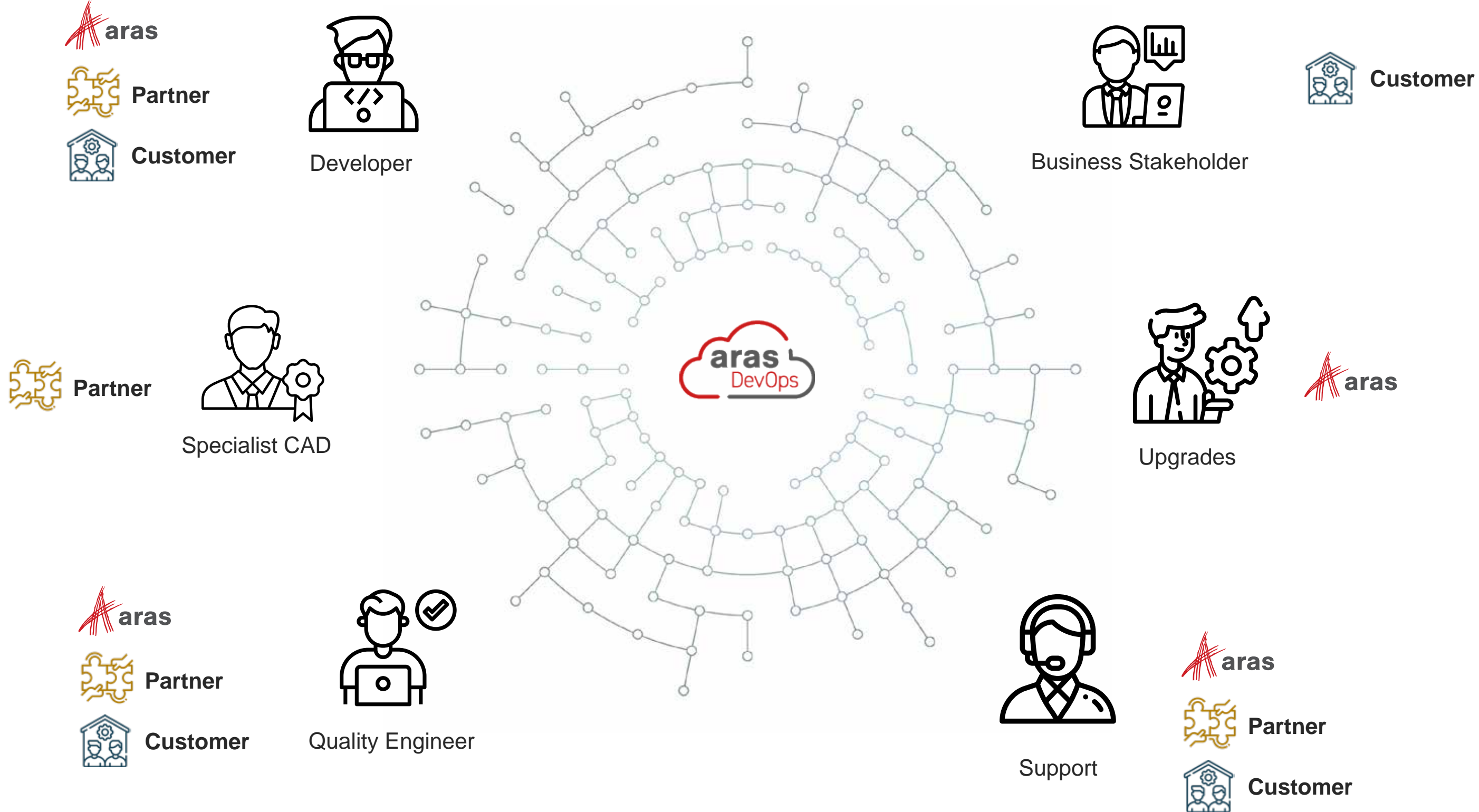

> Many Aras applications available to build you PLM platform

> Add your business layer on top

> Build your own business applications and keep connectivity

To keep track of the configuration management of your PLM system

Enable multiple roles to collaborate

aras
Partner
Customer
Developer

Partner
Specialist CAD

aras
Partner
Customer
Quality Engineer

Business Stakeholder
Customer

Upgrades
aras

Support
aras
Partner
Customer

aras
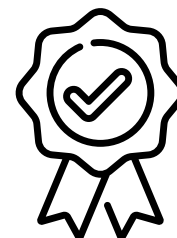
Afraid to go in Production ?
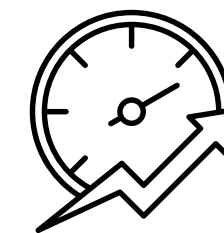

Build trust in your processes
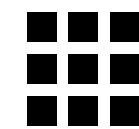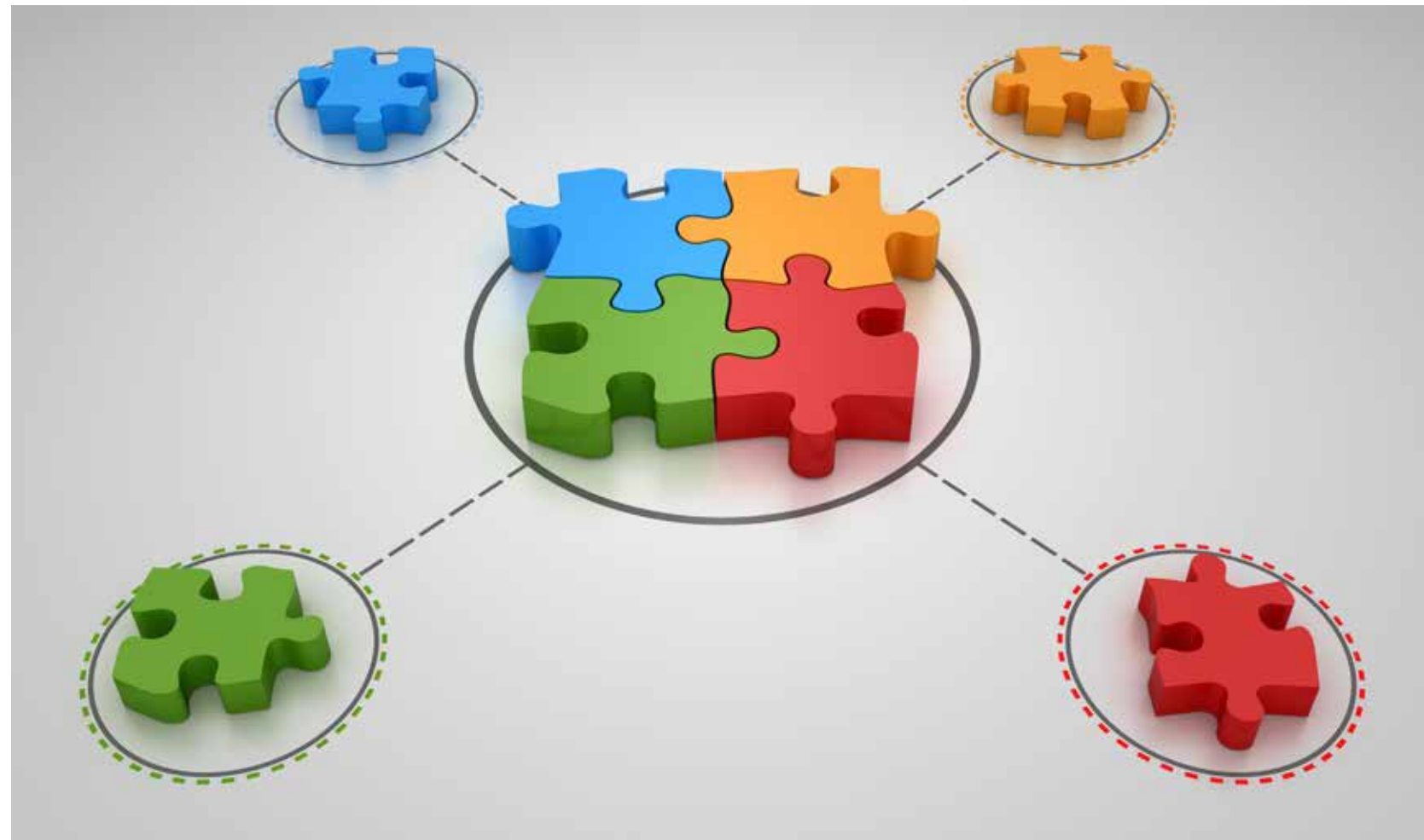
Ensure quality

Increase efficiency

Aras DevOps is the right tool

Multitude of generic DevOps Tools exists to solve various problems and challenges

We chose the ones that we needed, assemble, add Innovator Layer on top of it
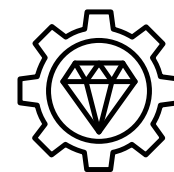
Optimized to Aras Innovator customization process
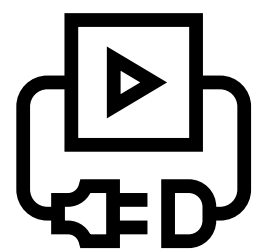
Plug and Play Service to manage Aras Innovator Customization

Deeper in features

ACE 2024

What is DevOps in the context of Innovator

Plan

Create

Build and Verify

Release

Iterate

☑ Collect ideas and build your backlog

☑ Develop and package features
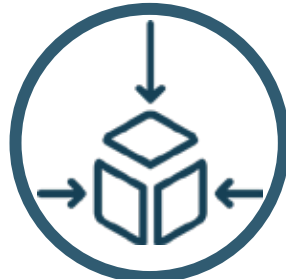
☑ Collaborate with the team and ensure quality

☑ Manage Releases and generate delivery artifact

Collect ideas and build your backlog

Requirement tool

Collect and organize your business requirements, ideas and enhancement requests

Requirement prioritization

Prioritize your requirements by importance, using a Kanban board

Plan

Powered by

Developers create features in isolation

Dev environment

Enable developers to deploy local environments for feature development in isolation

## Build your feature

Benefit from Aras low code capabilities to design your features using Data, Process and UI modeling

Package your feature

Package your low code changes in Aras packages and extract from the development environment to contribute in context of the feature branch

Configuration Management

Enables coordination and collaboration of features created by different teams

Create
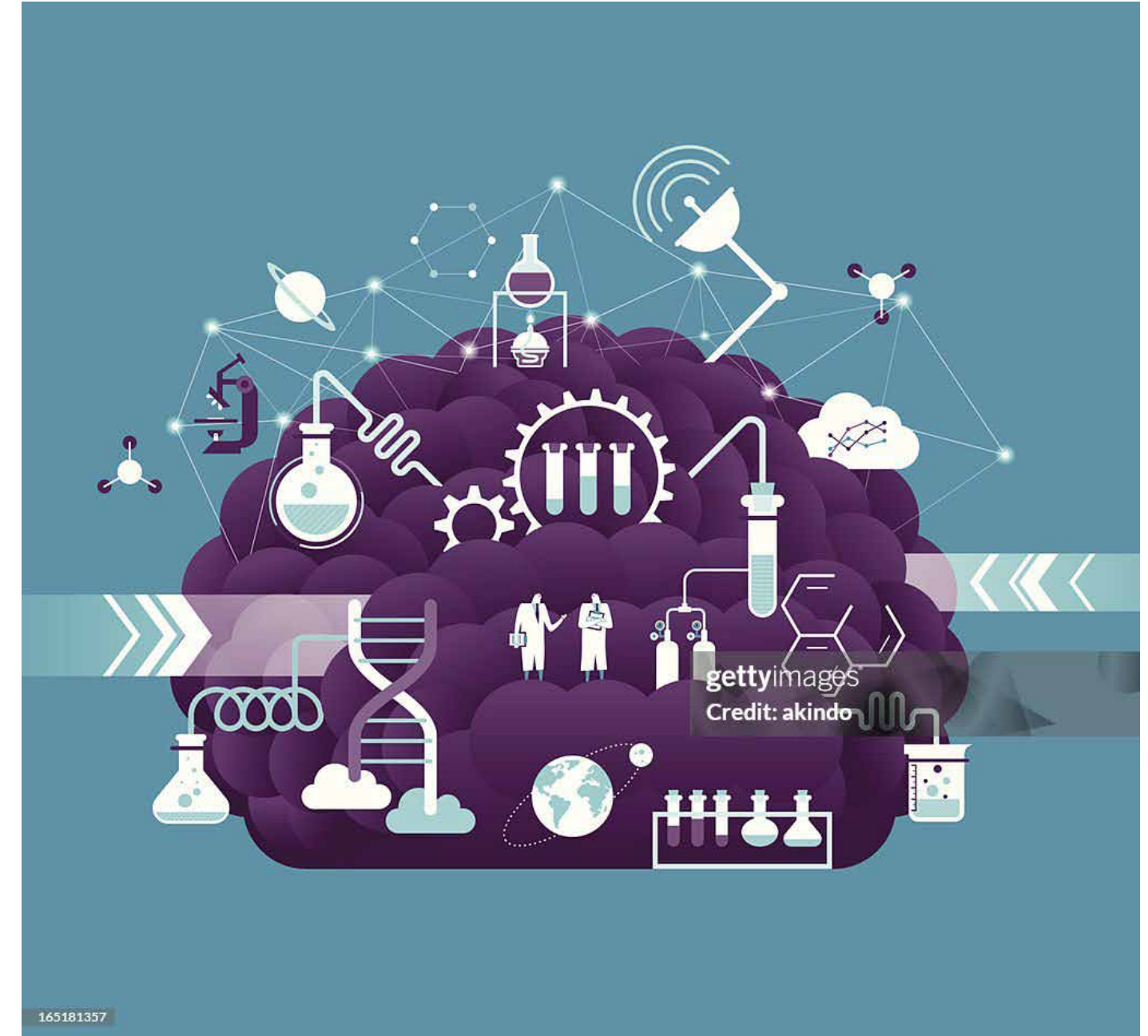
Ensure quality

Build automation

A set of mechanisms to automatically handle solution build
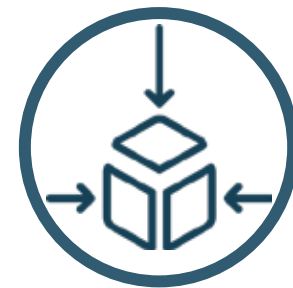
Automated test

Make sure your changes does not impact existing functionalities by defining test automation by using Test Automation Framework

Build And Verify

Artifact management

A centralized place to store and manage builds and packages

Access your preview app

Deploy your features in a fully functional environment to enable user review and validation

Release a new version of the application and enables deployment

Define what features to deliver

Merge your features to environment branches to define what should be delivered in the release

Generate Delivery Artifact

Merge your features to environment branches to define what should be delivered in the release

Access the delivery artifact

Merge your features to environment branches to define what should be delivered in the release

Release

DELIVERY

What is the focus at the moment

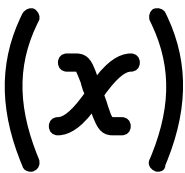ACE**2024**

What is the focus at the moment ?

Project Git repo will keep only customization Layer

Easy Process to consume latest version of Tool Chain from repository

Focus on increasing performance of Continuous Integration pipelines

(x) Environment specific variable

Aras Innovator SaaS Only

Get even more value with
Aras Innovator SaaS

From **OnPrem** to Aras DevOps to Aras Innovator SaaS

CHANGE MANAGEMENT

Business Requirements

Customize

Build

Test

SIT

Deploy

Business Acceptance

aras *INNOVATOR*

UAT

Staging

Production

Maintain

Monitor

Security

Availability

Customer

From OnPrem to **Aras DevOps** to Aras Innovator SaaS

Aras Cloud

aras DevOps

Test

Build

Customize

CI

SIT

CHANGE MANAGEMENT

aras *INNOVATOR*

Business Requirements

Deploy

UAT

Staging

Production

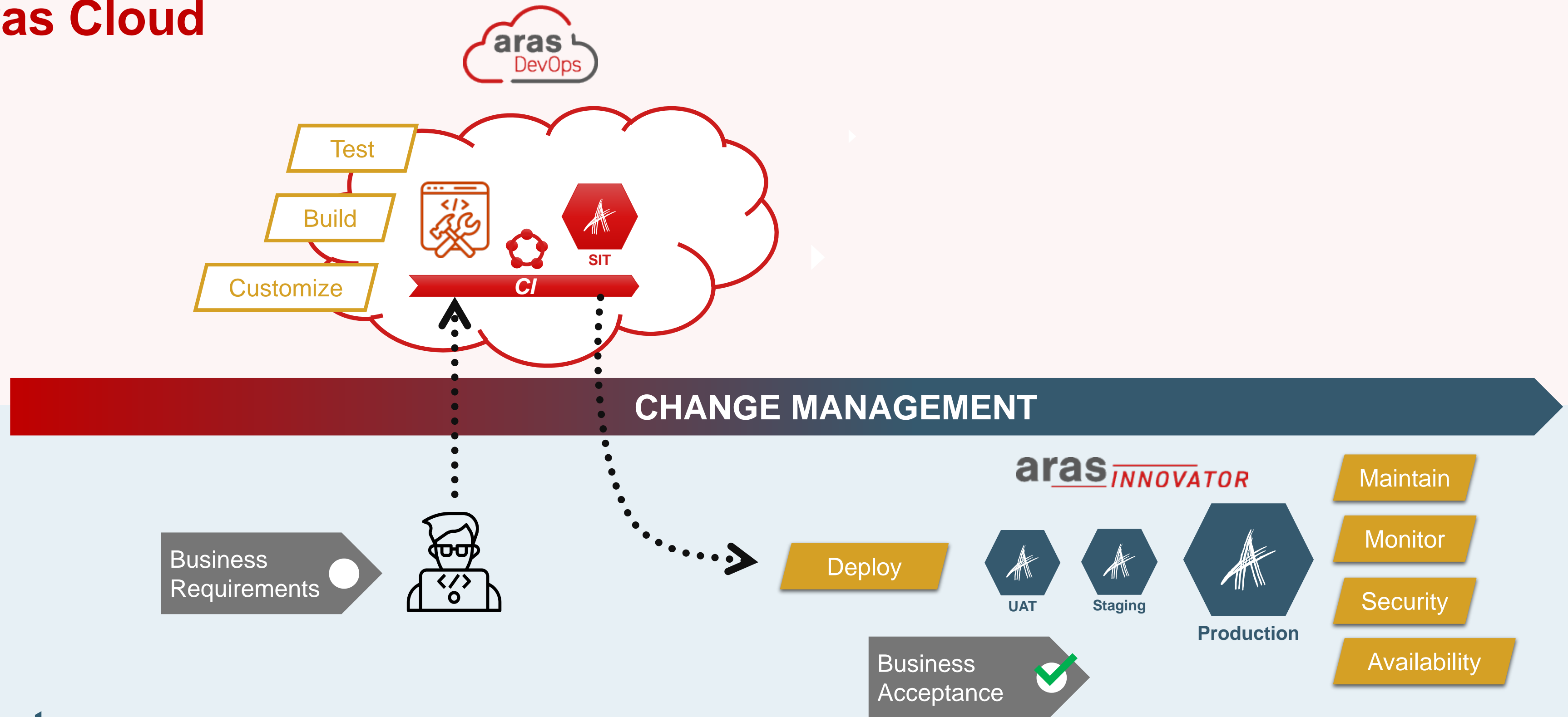Maintain

Monitor

Security

Availability

Business Acceptance

Customer

From OnPrem to Aras DevOps to **Aras Innovator SaaS**

Q&A

ACE**2024**