

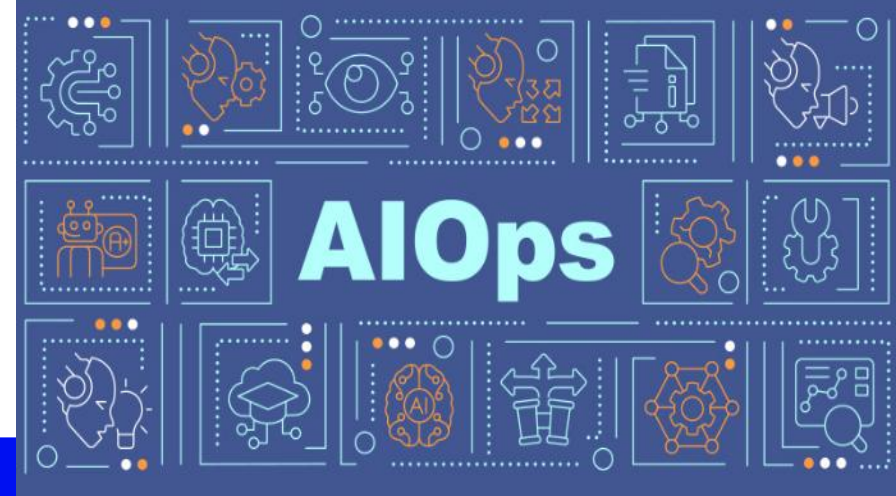
# Enterprise Approach in Software Development

The matured approach

Laksiri Balasuriya

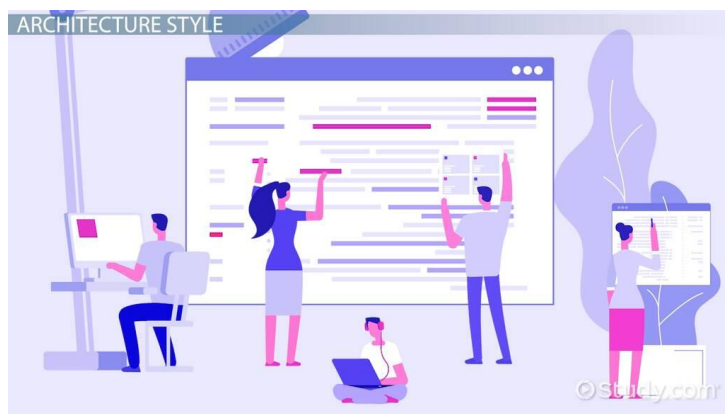


Cloud-Native DevOps:

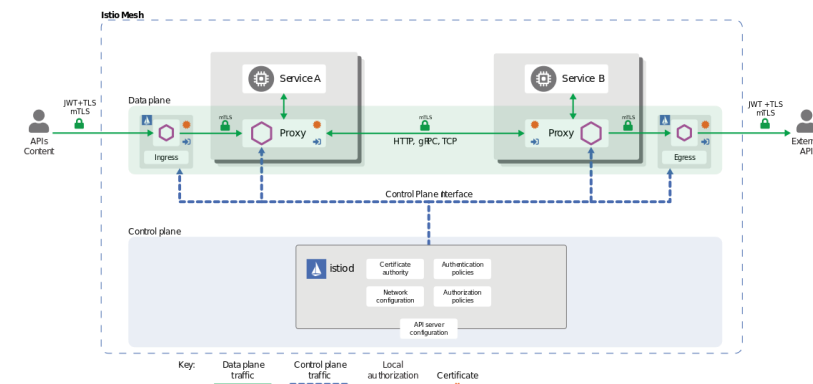


# Enterprise Grade Application Development

## Software Architecture



## Service mesh



# What is an Enterprise :

The TOGAF Standard considers an "enterprise" to be any collection of organizations that have common goals.

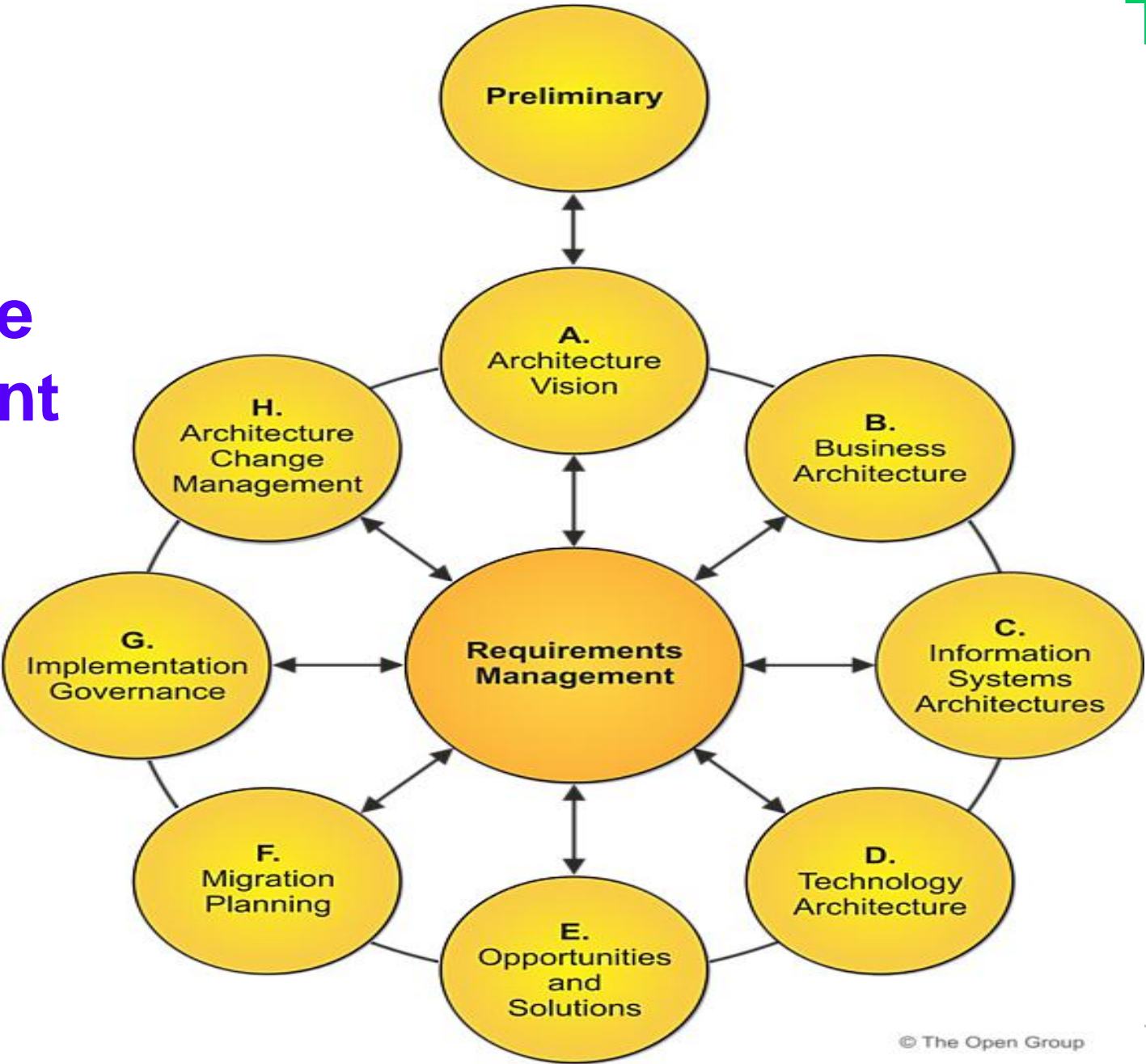
For example, an enterprise could be:

- ✓ A whole corporation or a division of a corporation
- ✓ A government agency or a single government department
- ✓ A chain of geographically distant organizations linked together by common ownership
- ✓ Groups of countries, governments, or governmental organizations (such as militaries) working together to create common or shareable deliverables or infrastructures
- ✓ Partnerships and alliances of businesses working together, such as a consortium (an association, typically of several companies) or supply chain

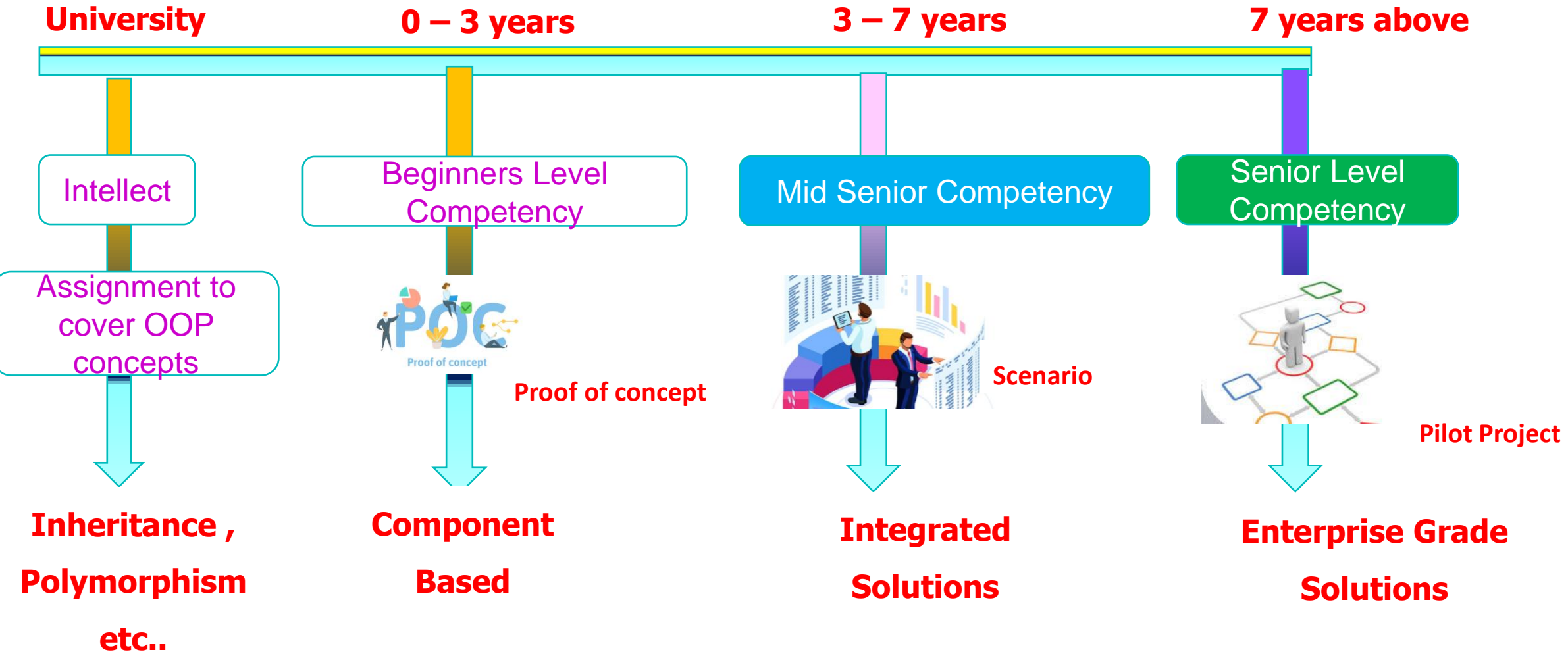
Lets watch



Enterprise  
Architecture  
Development  
Cycle



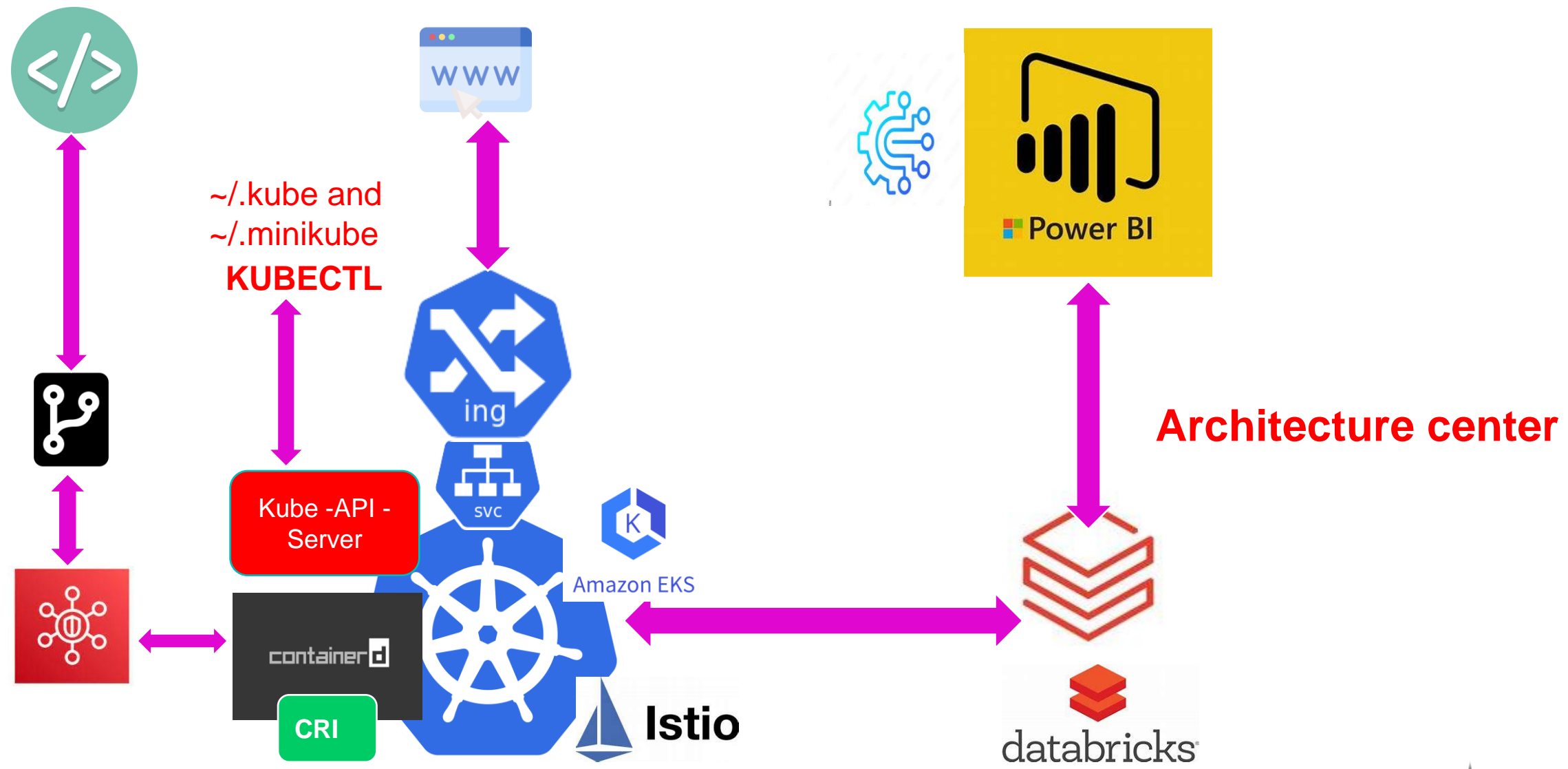
# Let's make it a ground reality





**Requirement:**  
**Real time data visualization dashboard**

Enterprise grade Solutioning with event driven



# Enterprise Approach – Deep Dive

## What Client Expects :

- ✓ Not an outcome of a POC
- ✓ They don't want learners
- ✓ They need versatelist
- ✓ They expect guidance from a consultant
- ✓ What is value addition
- ✓ They need Enterprise Approach



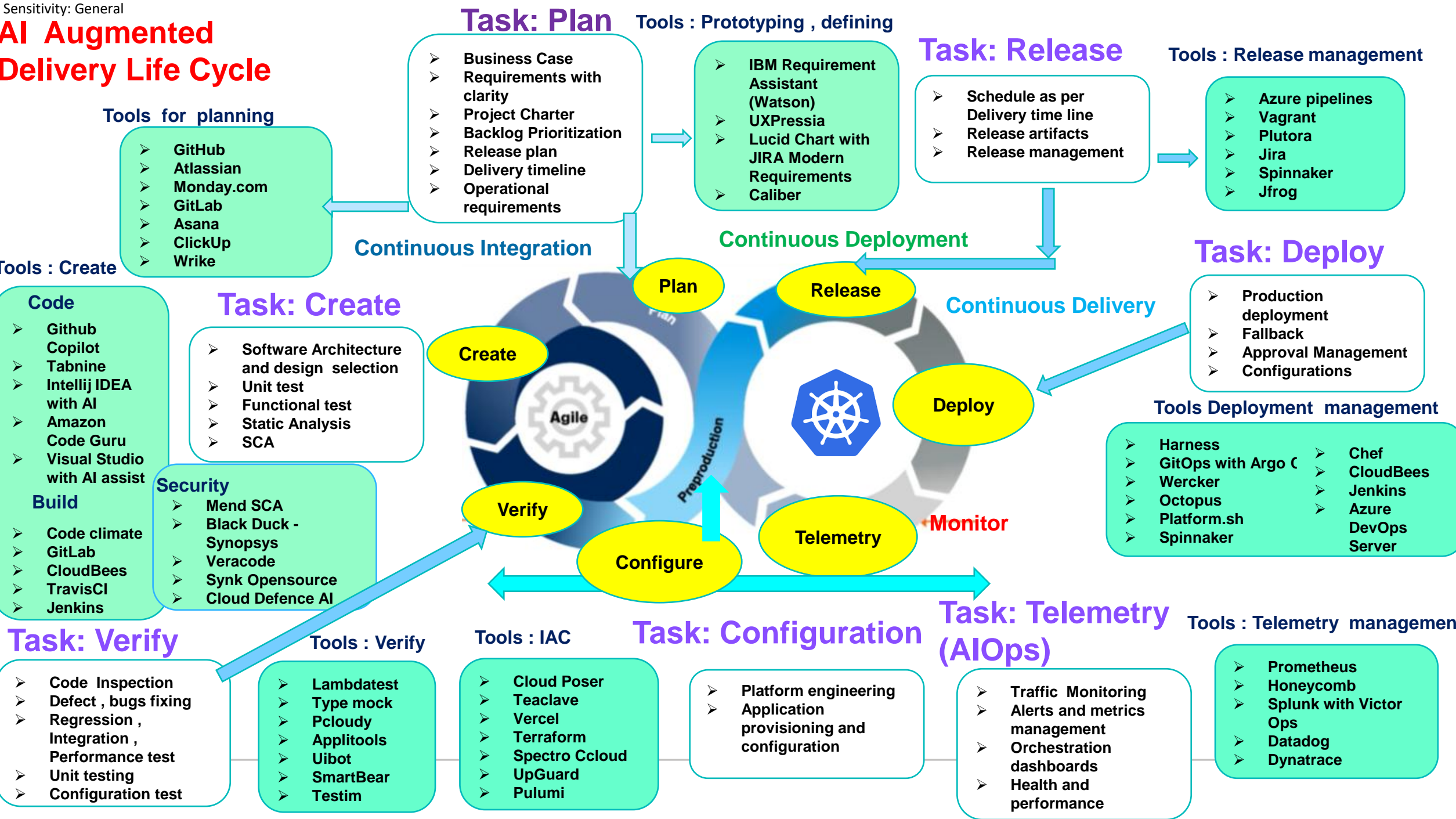
## Delivery team need to focus on :

- ☐ Business Architecture
- ☐ Information system Architecture
- ☐ Technology Architecture

- Business Case
- Requirements understanding / Red-hot Requirements/Use case diagrams
- Project Charter / SRS
- Process Maps - indicating the user journeys
- Policy documents – sign off from stake holders for business process
- User stories which links to process maps
- Business use cases
- UI / UX with user journeys

- OS
- Cloud Native
- Low code / No Code
- The development platform
- Data Engineering
- Middleware

- Software Architecture
- Architectural Patterns
- Design Patterns



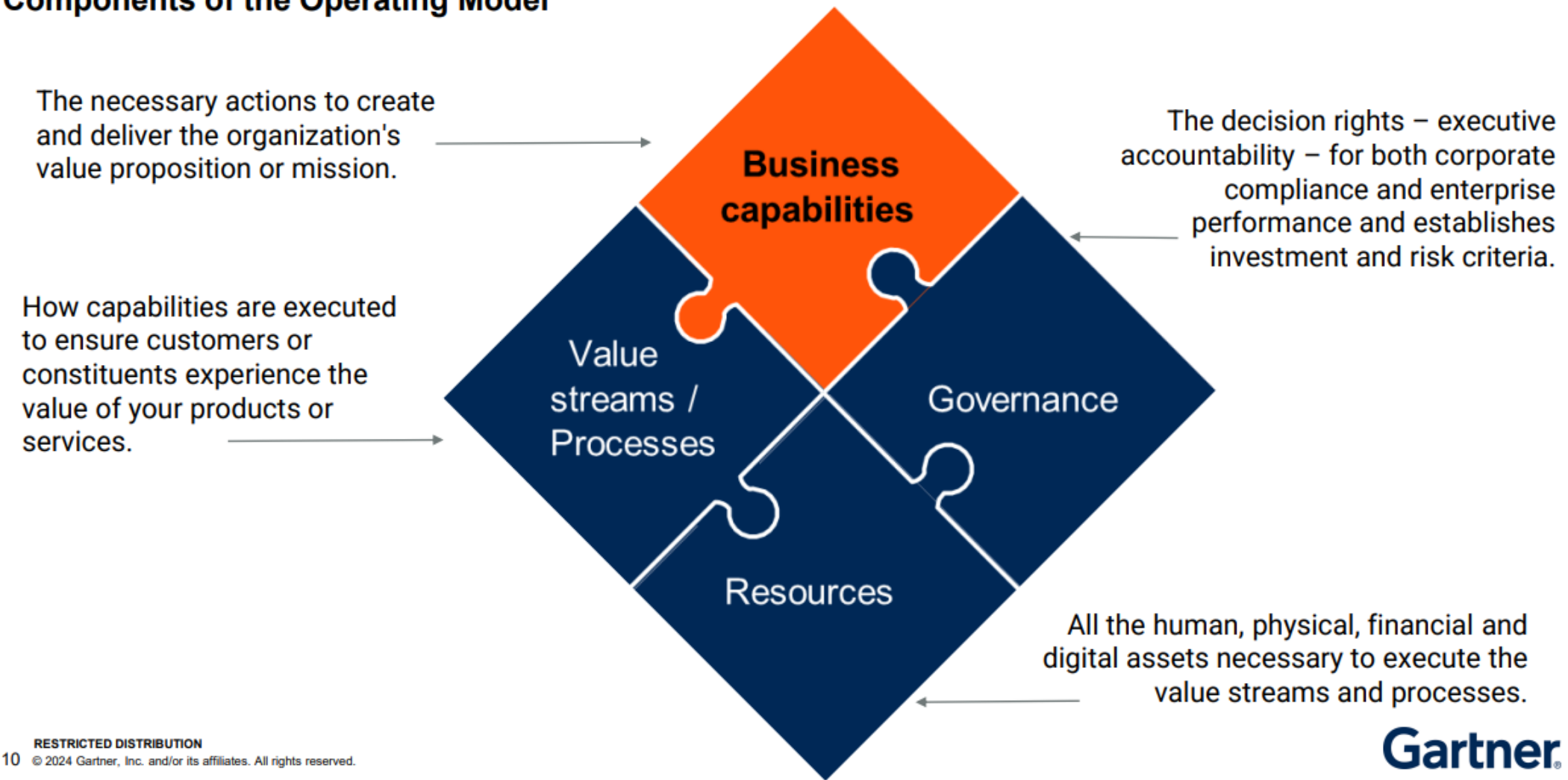


# Enterprise approach : Strategic - Technical

Strategic

## Defining the Enterprise Operating Model

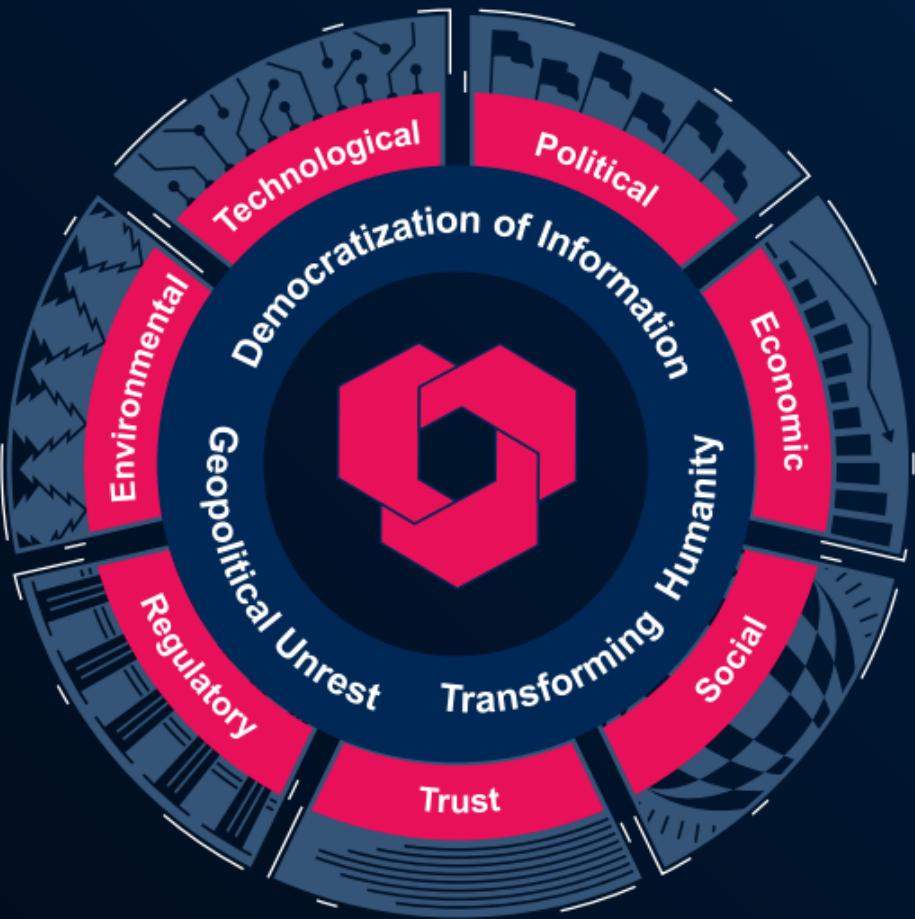
### Components of the Operating Model



# Enterprise approach : Strategic - Technical

Strategic

## 7 Forces Impacting Your Organization's Future



**Technological:** Evolution, impact and disruption of technology change

**Political:** Political attitudes, institutions and legislation shifting the political environment

**Economic:** Factors in the economic environment locally and globally that influence businesses and governments

**Social:** Attitudes, behaviors and lifestyles of individuals and groups in a society

**Trust:** Ethical expectations, behaviors, duties and biases of people and companies toward one another and society

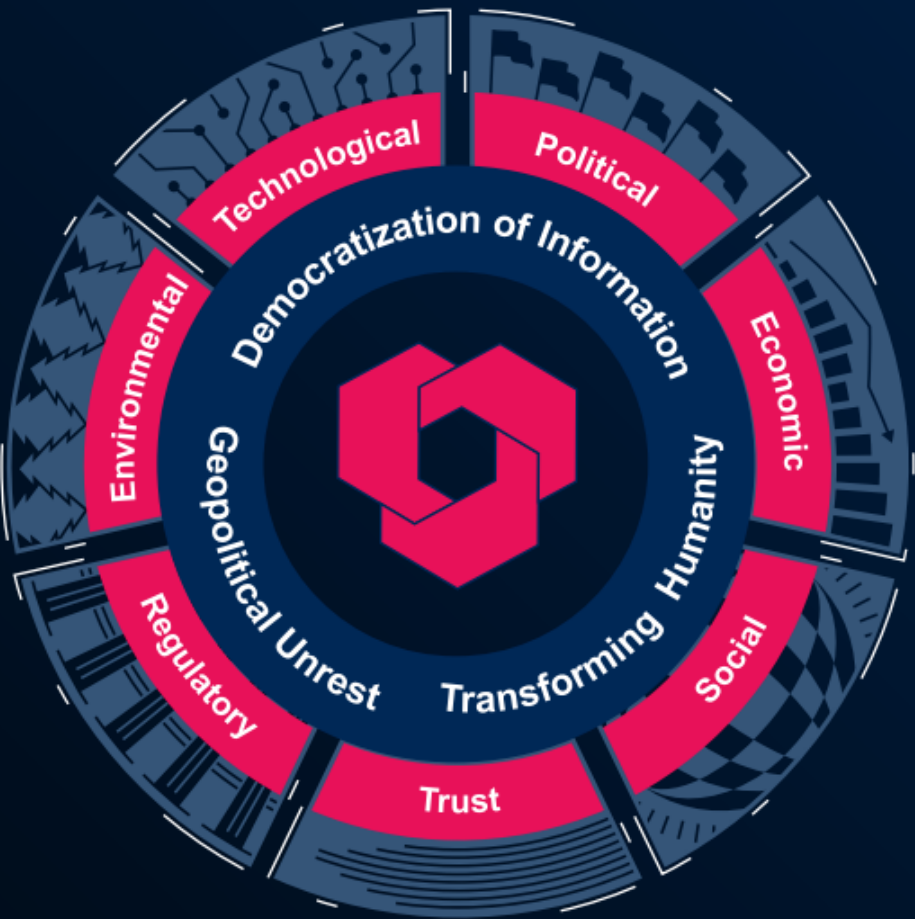
**Regulatory:** Changes in laws and governmental policies and regulations to reward or punish a particular behavior

**Environmental:** Technical, political, economic, cultural, ethical and legal changes supporting environmental protection and sustainability

# Enterprise approach : Strategic - Technical

Strategic

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