

IT as a Service

Bryan Zigler
Boeing
9/27/2016

GLOBAL PRODUCT DATA INTEROPERABILITY **SUMMIT** 2016



Agenda

Global Product Data Interoperability Summit | 2016

- **Introduction**
- **IT4IT™ Reference Architecture**
- **IT4IT™ Components**
- **Integration Opportunities**
- **Summary**

Today's Speaker

Global Product Data Interoperability Summit | 2016



Bryan Zigler – The Boeing Company

IT common Services Lead Architect

Acting Manager for the Business Process Management Common Service

As the lead architect for Boeing IT common services organization, Bryan has been working to develop a common approach to implementing a service catalog and integrated fulfillment systems.

Bryan has worked for Boeing for 18 year supporting a wide range of IT projects including the enterprise Architecture and 787 Shop floor Systems.

Problem Statement:

- **Managing IT is only getting more complex**
- **Difficult to describe IT in context of the business**
 - **Cost of a system**
 - **Consequence of a system failure**
 - **Purpose and capability of a system**
- **Unclear how IT activity supports business strategy**
- **Difficult to justify IT investments**

IT4IT™ Managing The Business of IT

Global Product Data Interoperability Summit | 2016

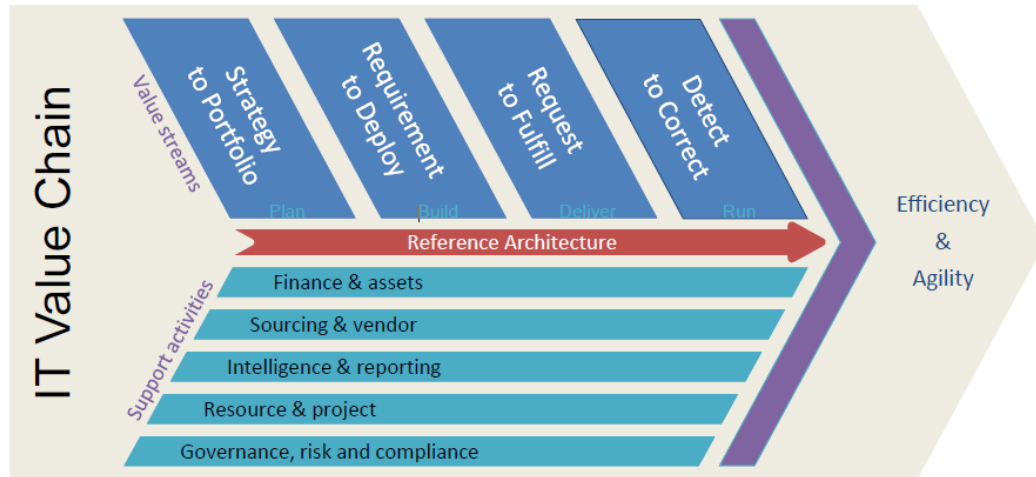
- IT4IT is a Reference Architecture for management of the business of IT
- Published by The Open Group
- IT4IT version 2.0 published in October of 2015.



© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

IT4IT Value Chain Model

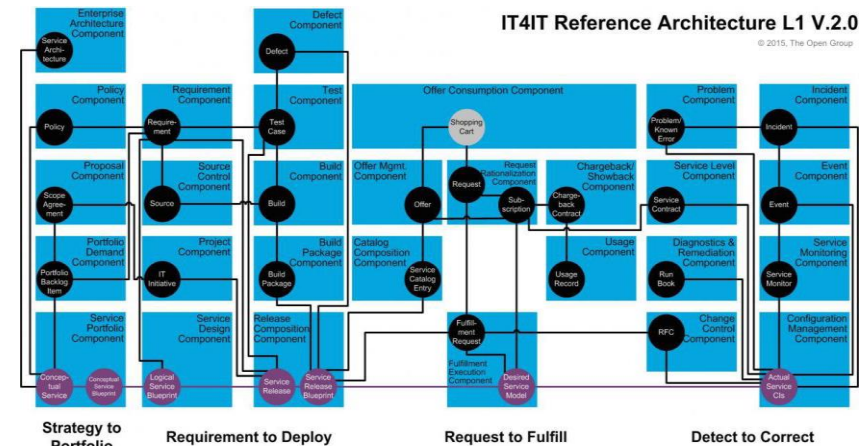
Global Product Data Interoperability Summit | 2016



The IT4IT value-chain based model for IT has been constructed by identifying the critical activities associated with the planning, sourcing, delivery, and management of services.

The IT4IT Reference Architecture identifies and defines one of the essential building blocks – functional components – which create or consume data objects and can be aligned with the appropriate value streams.

The Functional Model is the set of functional components and their relationships.

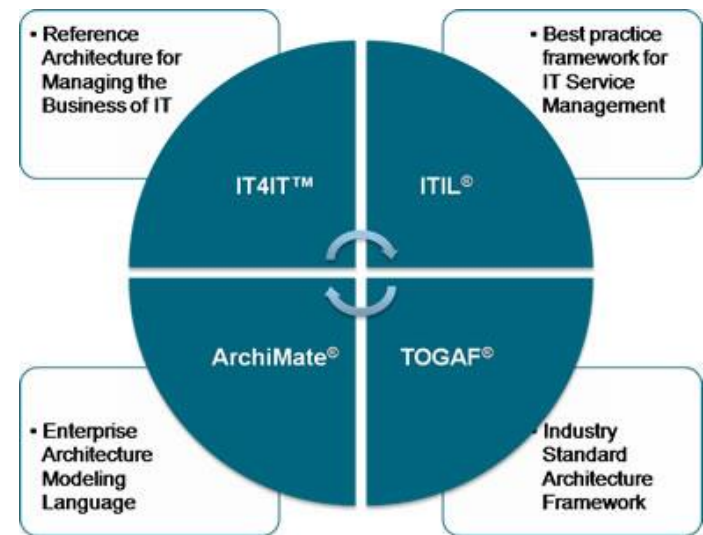
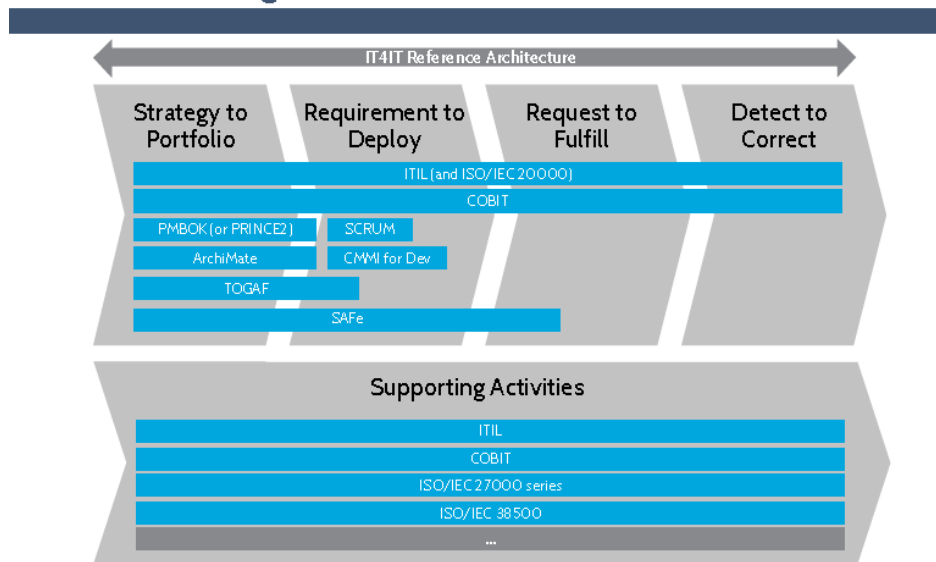


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Relationships between IT4IT and Other Standards

Global Product Data Interoperability Summit | 2016

Positioning of ITIL and Other Key Practices Against the IT4IT Value Streams

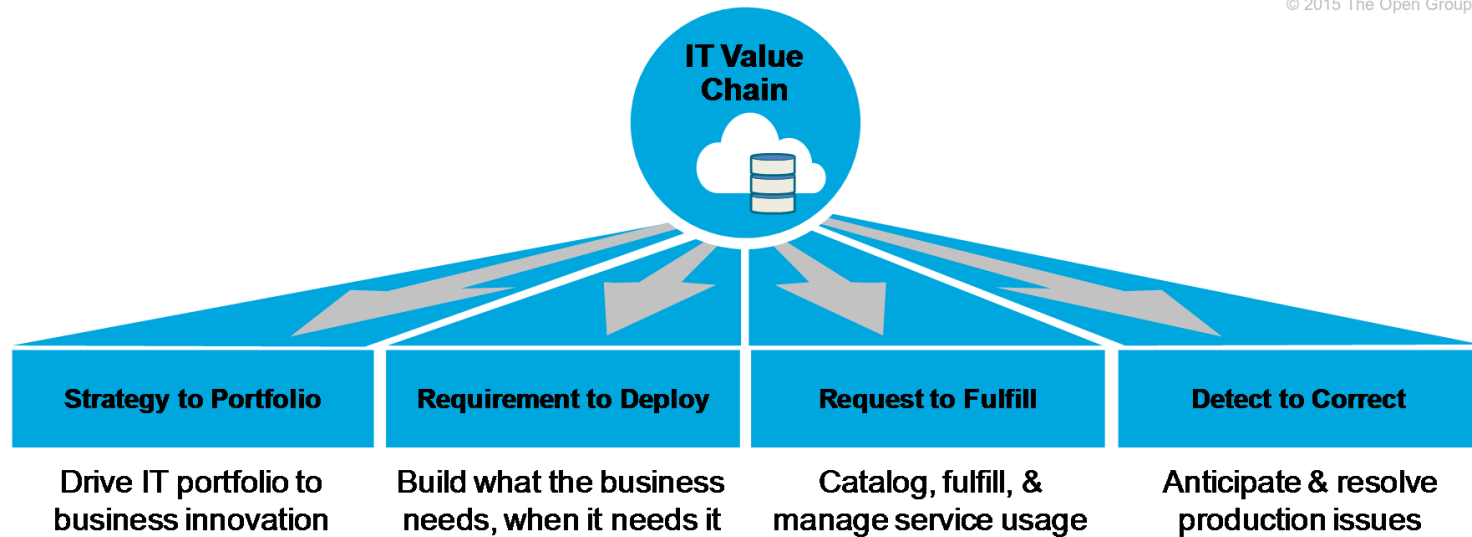


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Reference Architecture

Global Product Data Interoperability Summit | 2016

© 2015 The Open Group

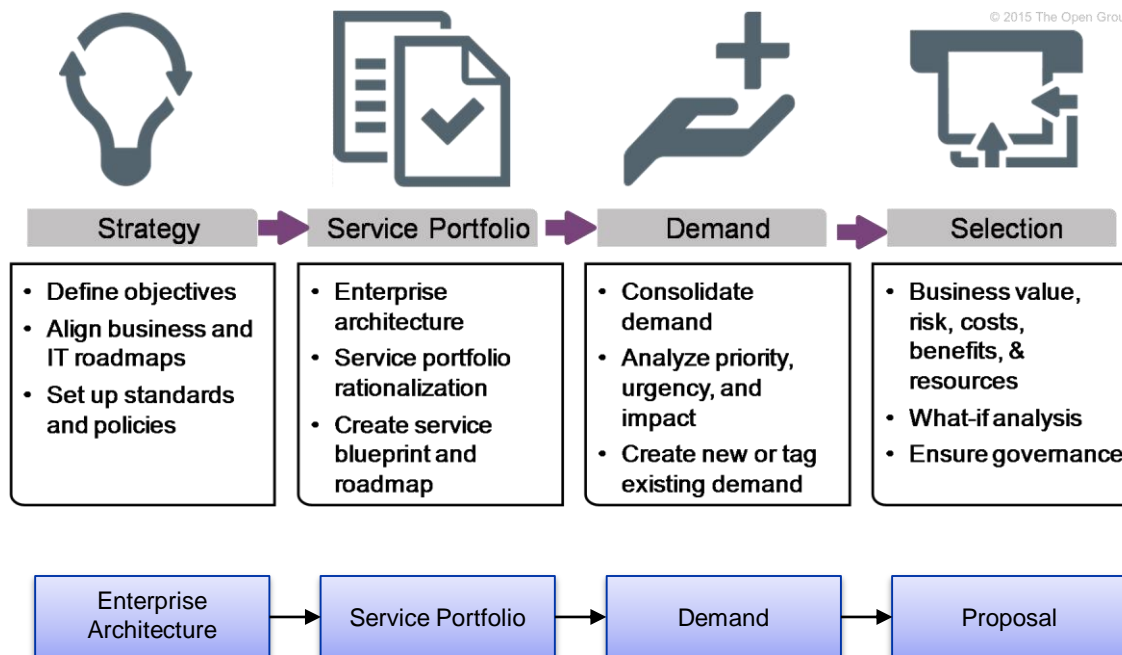


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Strategy to Portfolio

Global Product Data Interoperability Summit | 2016

The Strategy to Portfolio (S2P) Value Stream allows IT to contribute to business strategy and planning enabling IT alignment with business plans.

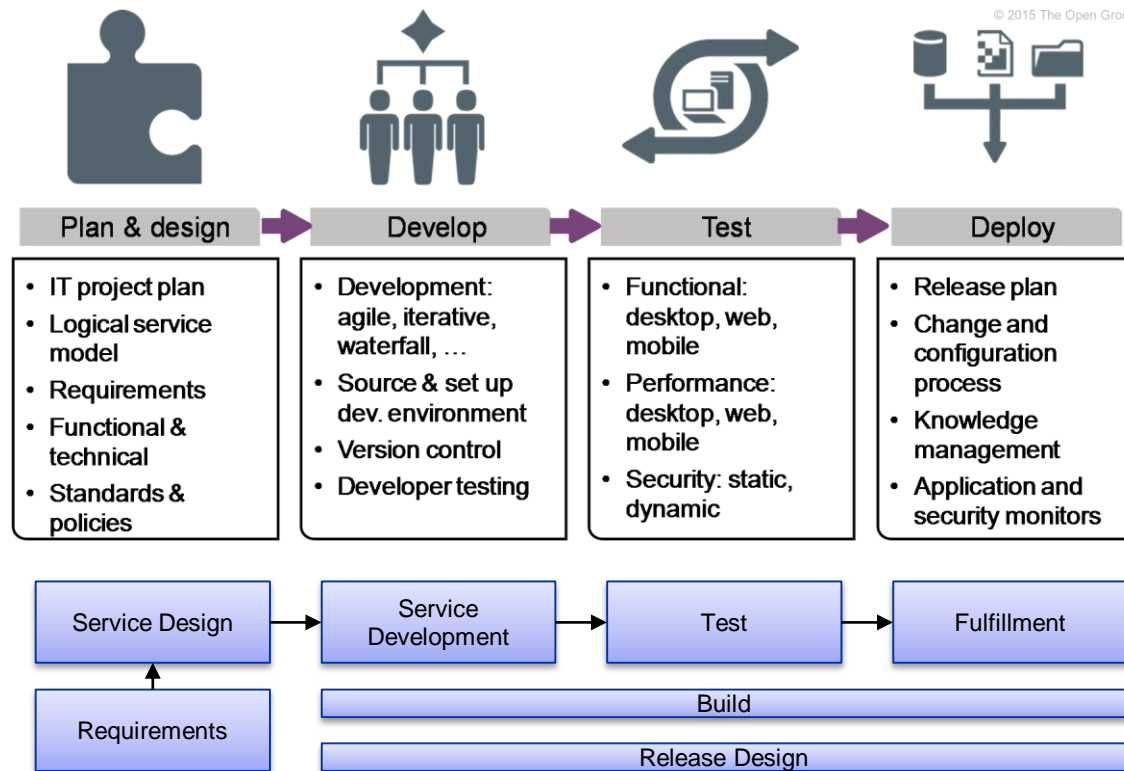


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Requirements to Deploy

Global Product Data Interoperability Summit | 2016

The Requirement to Deploy (R2D) Value Stream provides the framework for creating/sourcing new services or modifying those that already exist.

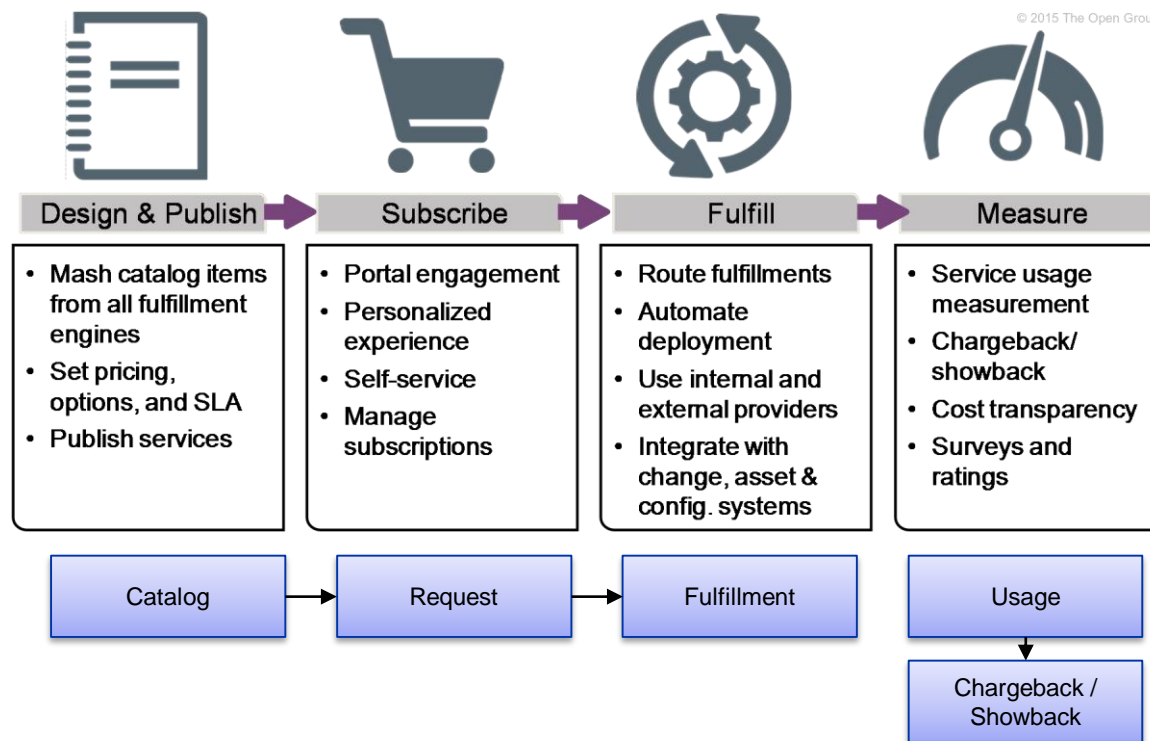


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Request to Fulfill

Global Product Data Interoperability Summit | 2016

The Request to Fulfill (R2F) Value Stream is a framework connecting the various consumers (business users, IT practitioners, or end customers) with goods and services that are used to satisfy productivity and innovation needs.

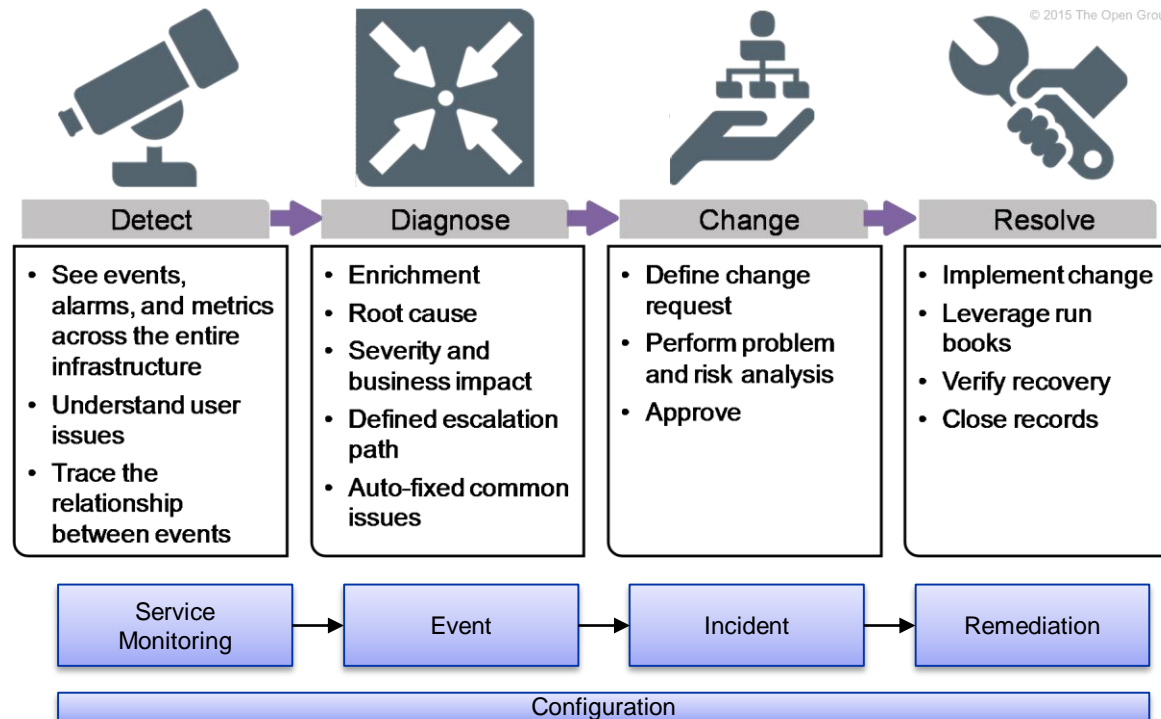


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Detect to Correct

Global Product Data Interoperability Summit | 2016

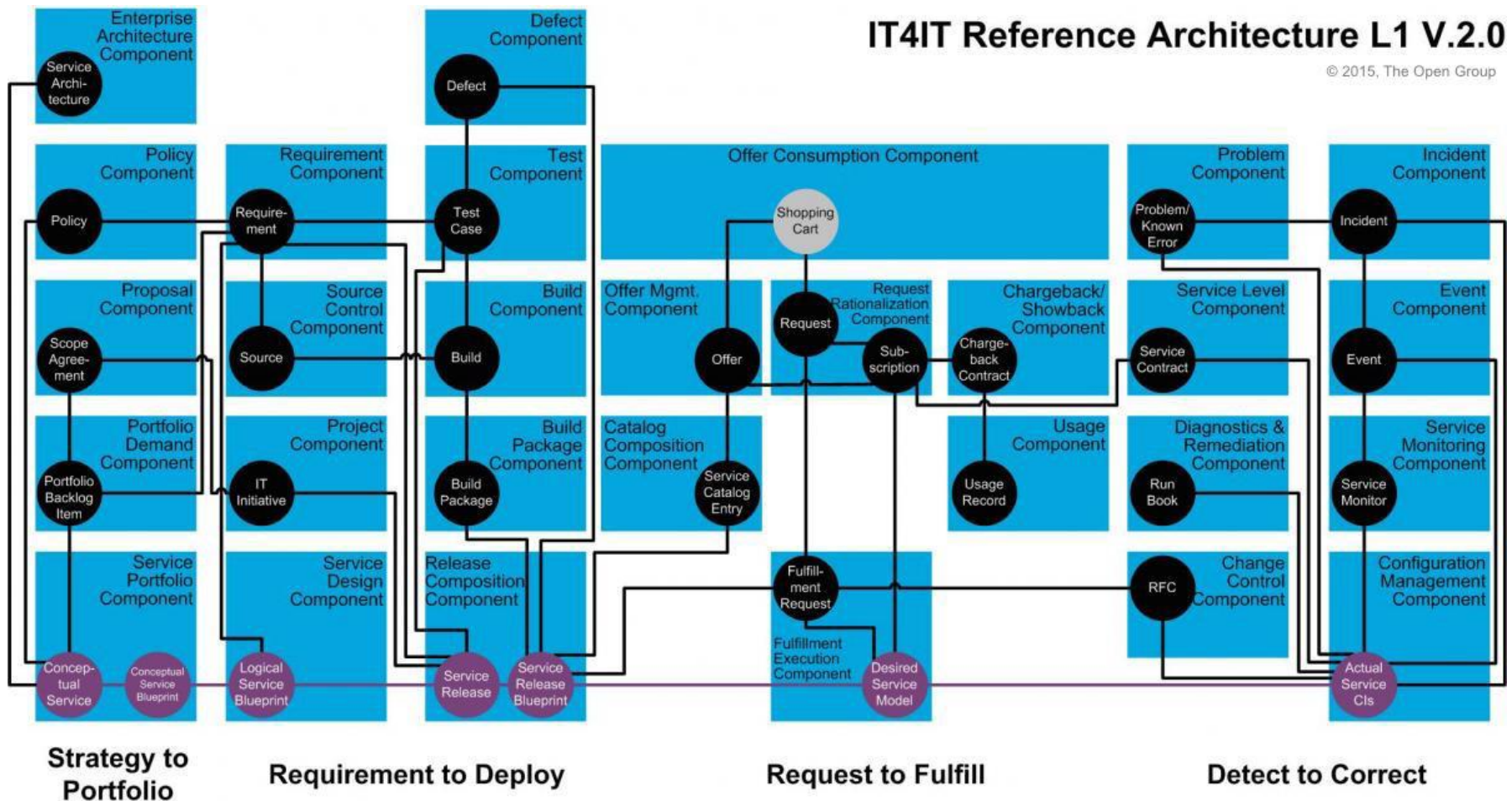
The Detect to Correct (D2C) Value Stream provides a framework for integrating the monitoring, management, remediation, and other operational aspects associated with realized services and/or those under construction.



© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Reference Architecture

Global Product Data Interoperability Summit | 2016

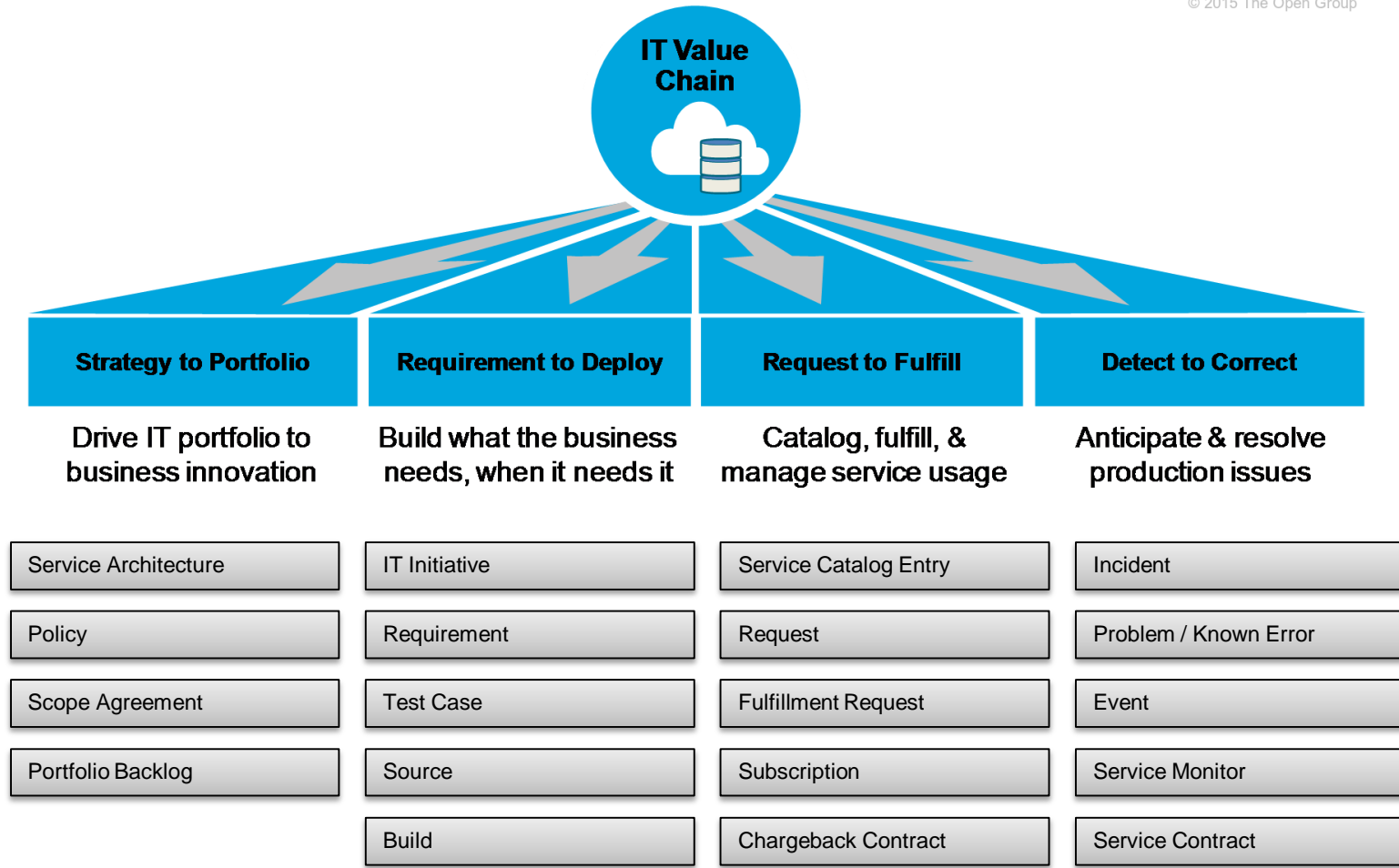


© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

Integration Opportunities

Global Product Data Interoperability Summit | 2016

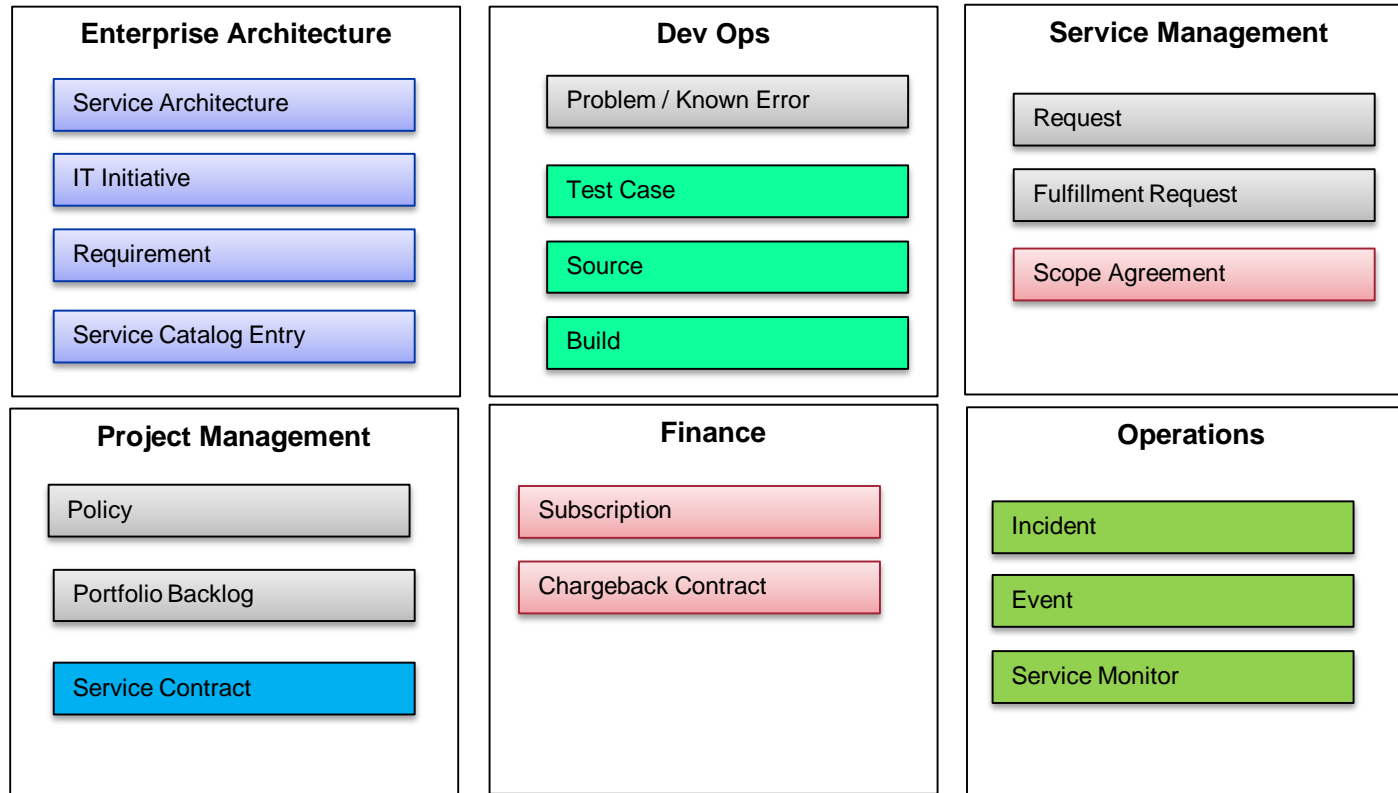
© 2015 The Open Group



© 2015 The Open Group, IT4IT™ 2.0 Reference Architecture, Version 2.0

What is the System of Record for the IT Business?

Global Product Data Interoperability Summit | 2016



In most IT organizations the data that IT runs on exists in silos, is poorly integrated and makes running IT as a business difficult.

Vendors don't help

Global Product Data Interoperability Summit | 2016

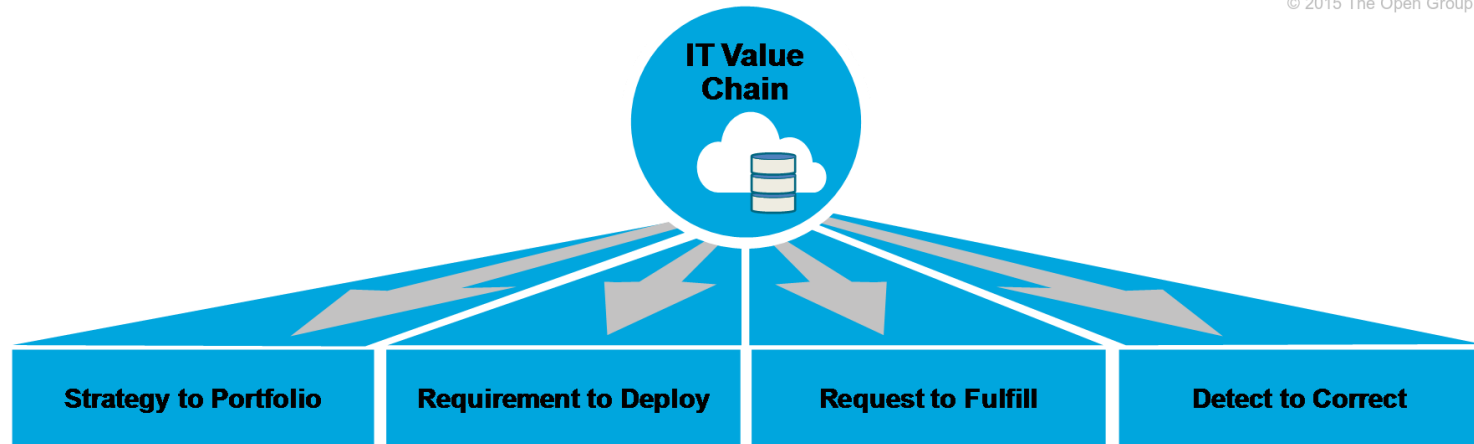


Image from www.worksoft.com/

Embrace Data Interoperability to Run IT

Global Product Data Interoperability Summit | 2016

© 2015 The Open Group



- **IT Services as the focus across the Value Chain**
- **Apply Product Data lessons learned to the business of IT**
- **Enable Standards across Vendor tools to enable interoperability across the Value Chain**

Thank You

Global Product Data Interoperability Summit | 2016

Questions?