The Next Generation of IT:

"What will the next decade look like?"

William D. Reed,
Risk Advisor,
Optiv Security

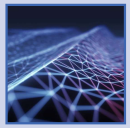
Workshop

Tuesday, August 8, 2023
5:00 - 6:45 PM

Chez Zee 5405 Balcones Dr Austin, TX

SIM
WHERE IT LEADERS CONNECT

Agenda



The State of IT

The dynamic business landscape, changing work styles, and emerging new technology is opening up new opportunities for IT to reinvent itself.

Working Sessions

-Business Model Transformation

-IT Operating Model Evolution

-Enterprise Architecture Evolution

Group Debriefs

The new opportunities for IT

The Next Generation of IT

What will the next decade look like?

Exploring what the next decade looks like for IT

- An industry
- An internal organization group
- A profession

The discussion will focus on key areas of how we show up for our business.

IT sits at the epicenter of enabling critical changes and improvements to the bottom line.

CIOs need to get their teams ready for what's next.

Leading IT organizations will see more of these characteristics over the next decade

LEADERSHIP

FASTER DELIVERY

AGILITY

RESILIENCY

BUSINESS FLUENCY

Workshop Logistics

Team Formations

Team Lead

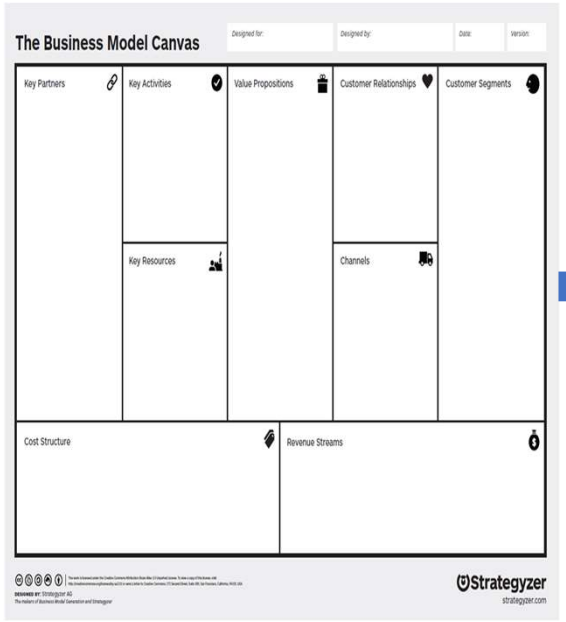
Team Report out

Note Taker

Working Group Sessions Overview

1

Business Model

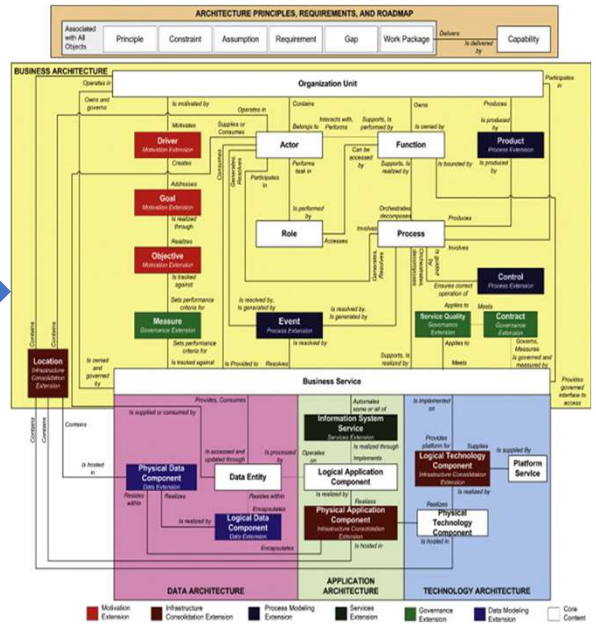


2

IT Operating Model

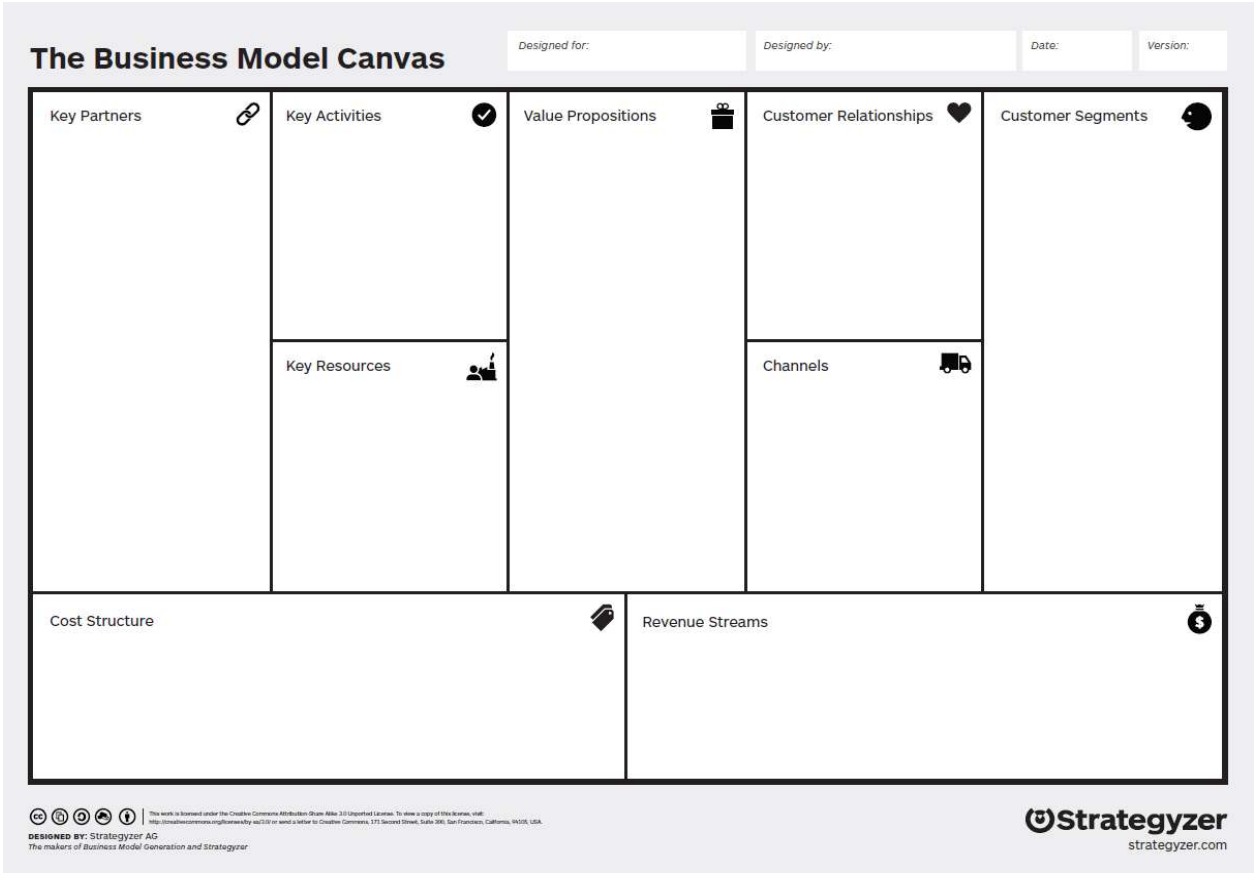
3

Enterprise Architecture



1

Business Model Transformation

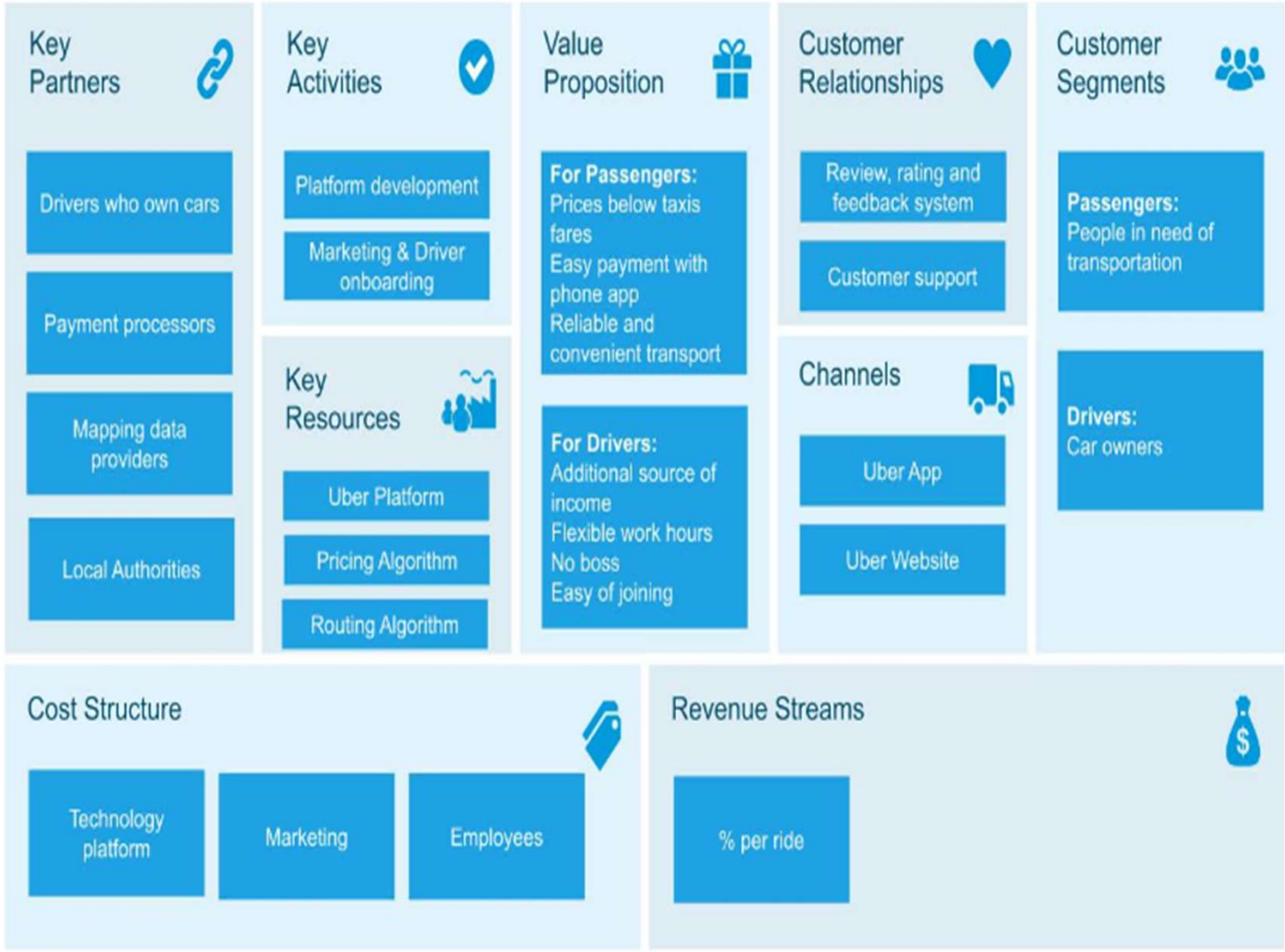


Examples

McDonald's

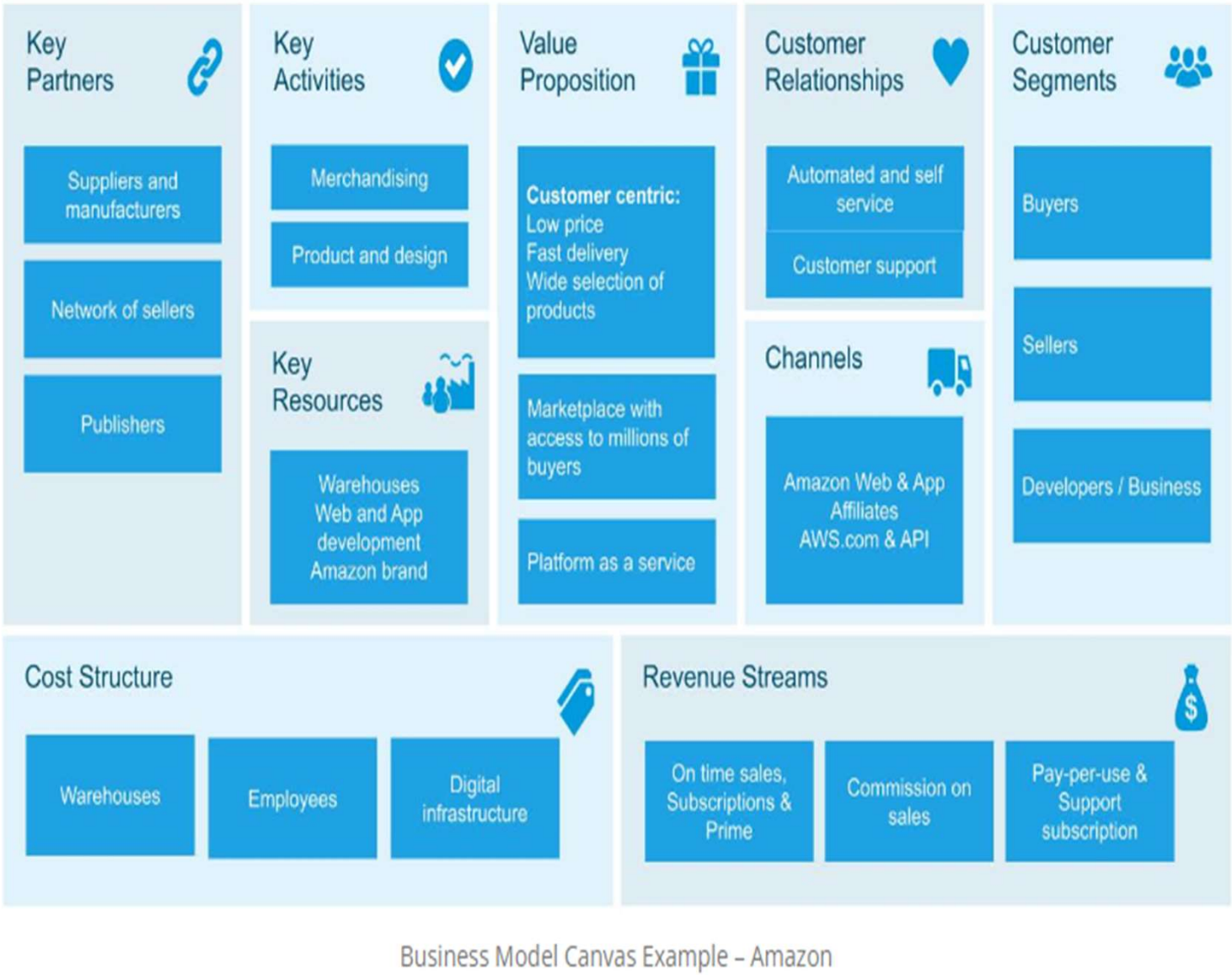
Business Model Canvas Example – McDonald's

Uber



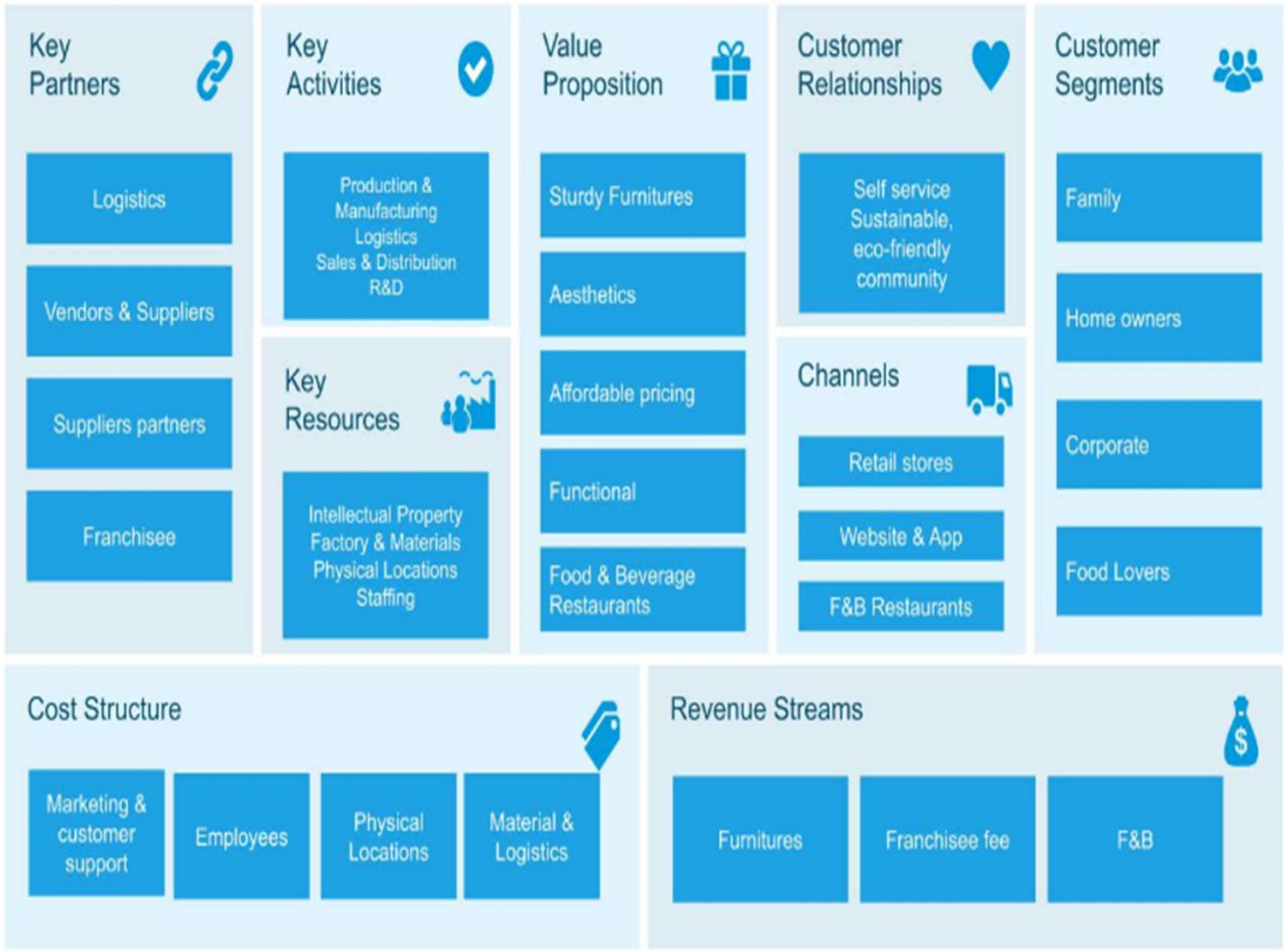
Business Model Canvas Example – Uber

Amazon



Business Model Canvas Example – Amazon

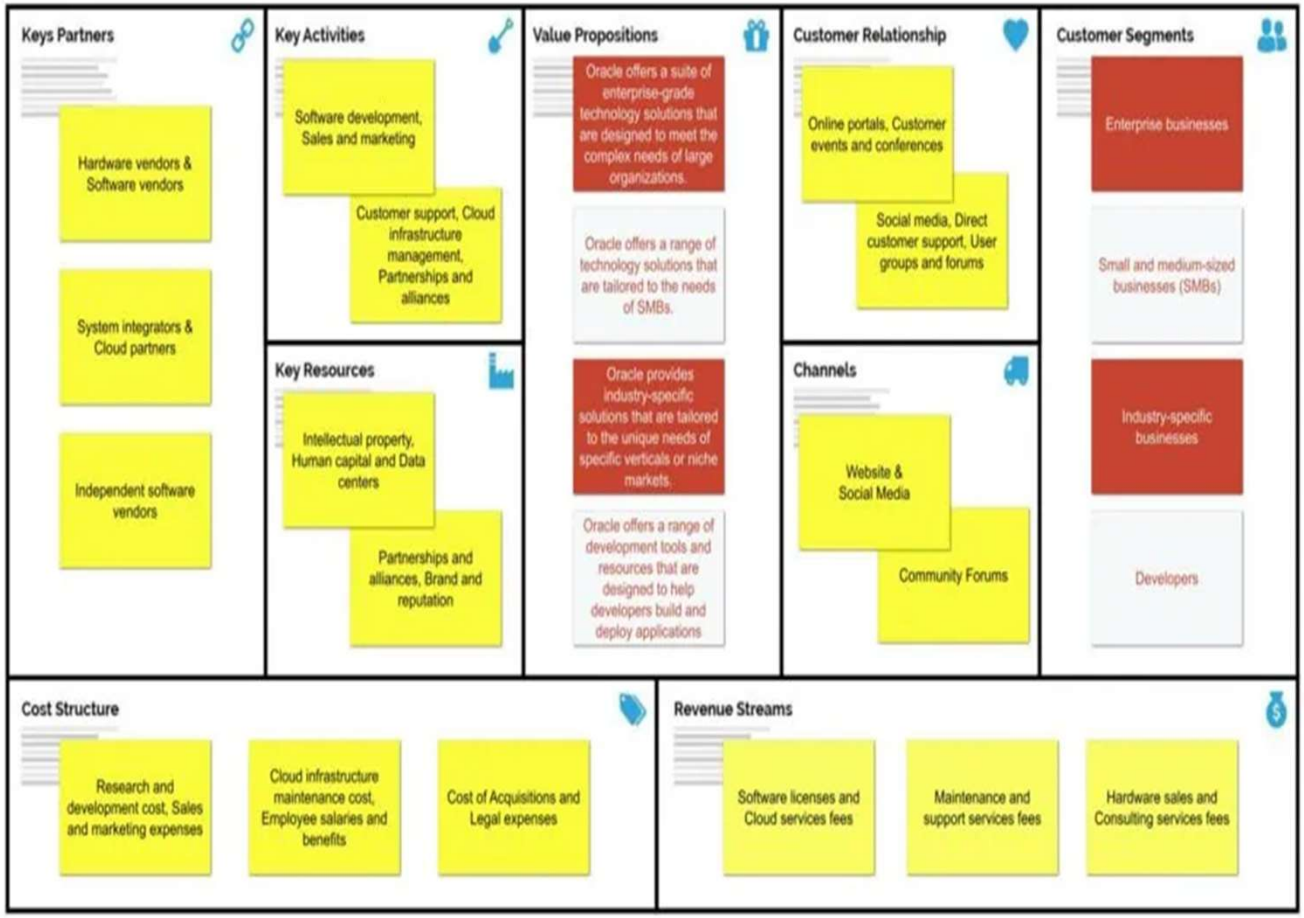
Ikea



Business Model Canvas Example – Ikea

Oracle

ORACLE - Business Model Canvas



THE BUSINESS MODEL ANALYST

businessmodelanalyst.com

The Business Model Canvas

Designed for:	Designed by:	Date:	Version:

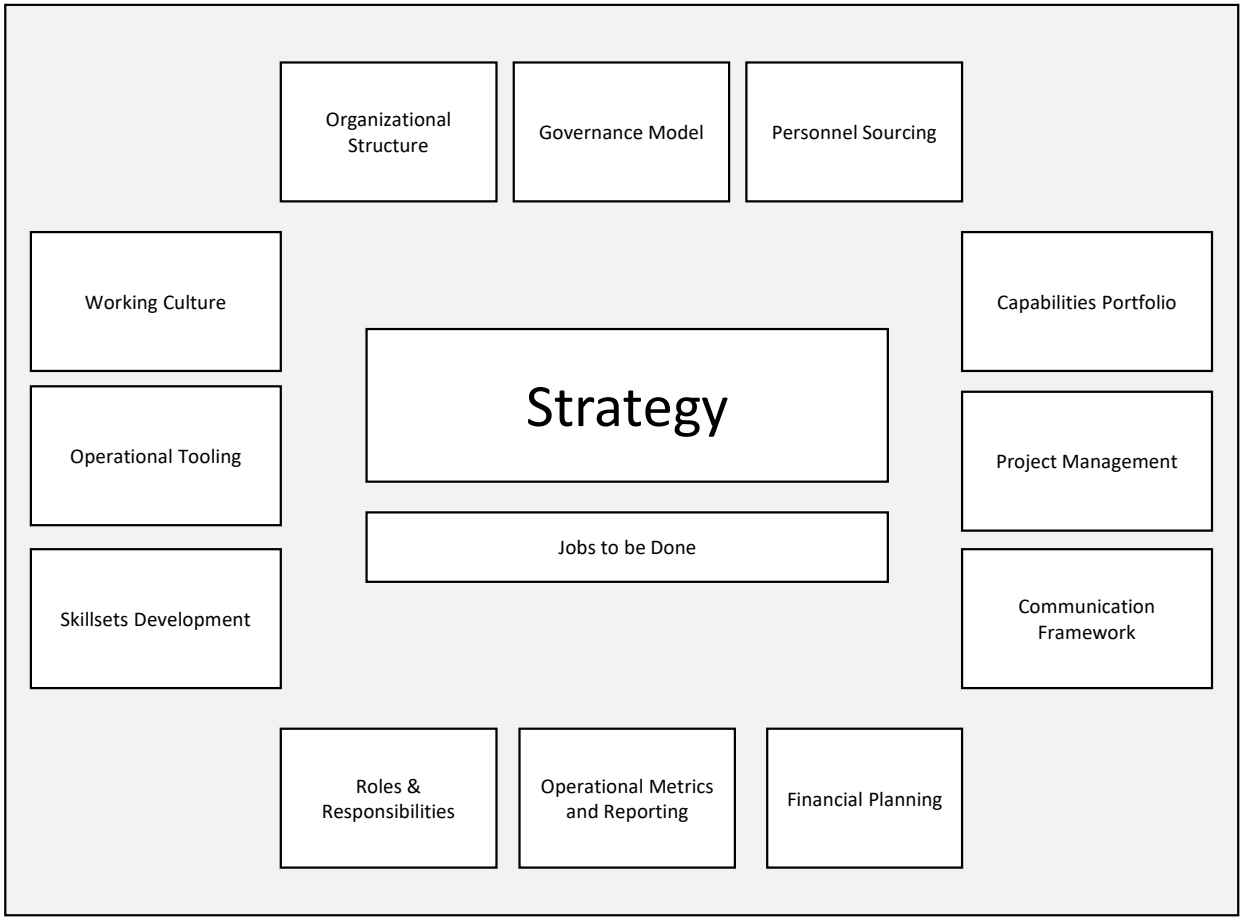
Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
	Key Resources		**Channels**	

Cost Structure	Revenue Streams

DESIGNED BY: Strategyzer AG
The makers of Business Model Generation and Strategyzer

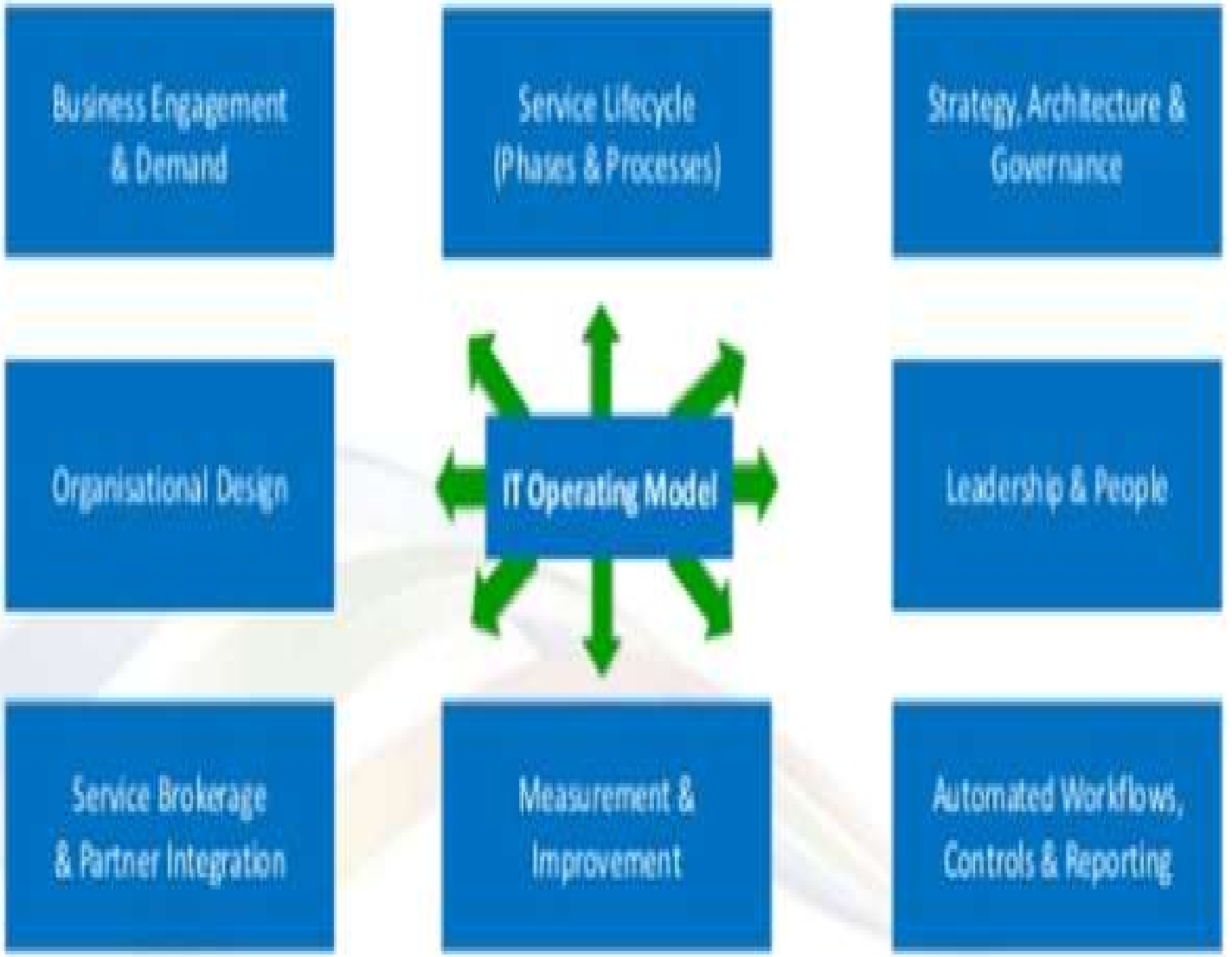
Strategyzer
strategyzer.com

2 Operating Model Evolution



Examples

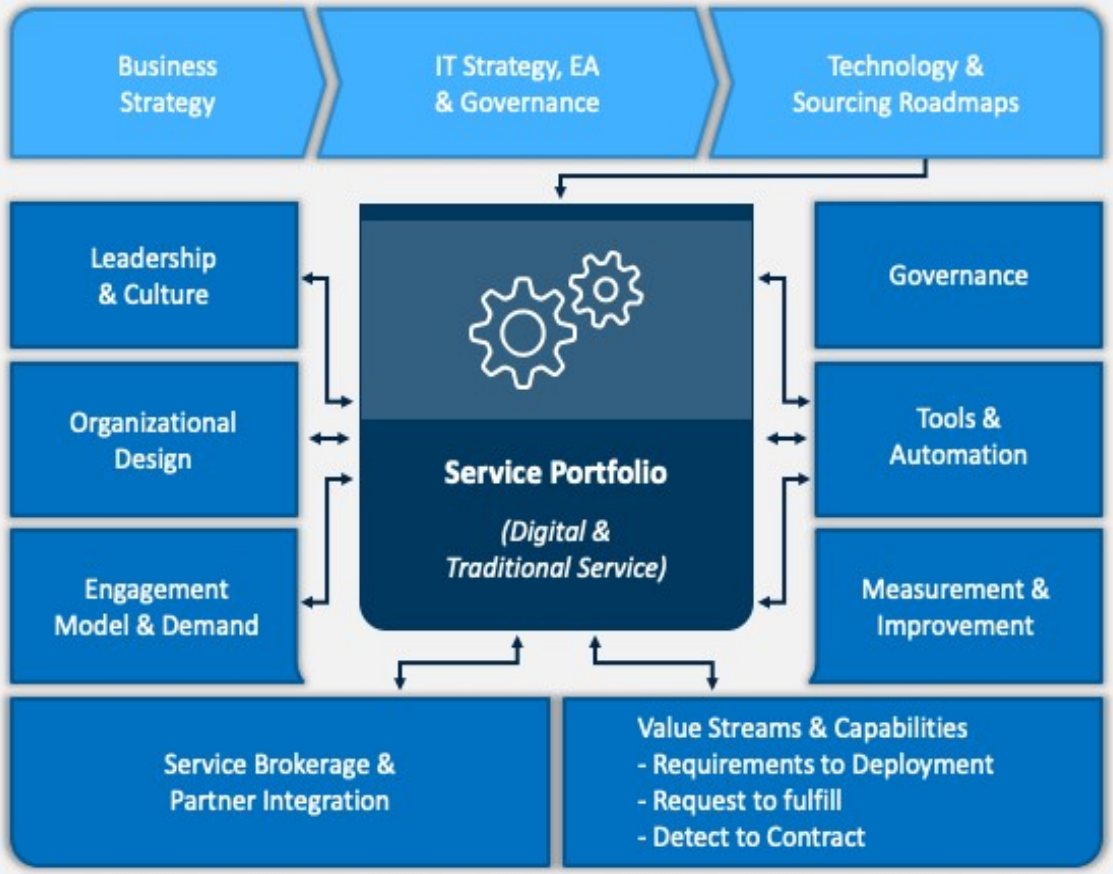
<example>


Business Engagement & Demand
Service Lifecycle (Phases & Processes)
Strategy, Architecture & Governance
Organisational Design
IT Operating Model
Leadership & People
Service Brokerage & Partner Integration
Measurement & Improvement
Automated Workflows, Controls & Reporting

<example>

IT OPERATING MODEL

IT Operating Model for a Digital Future



Source : valueflow

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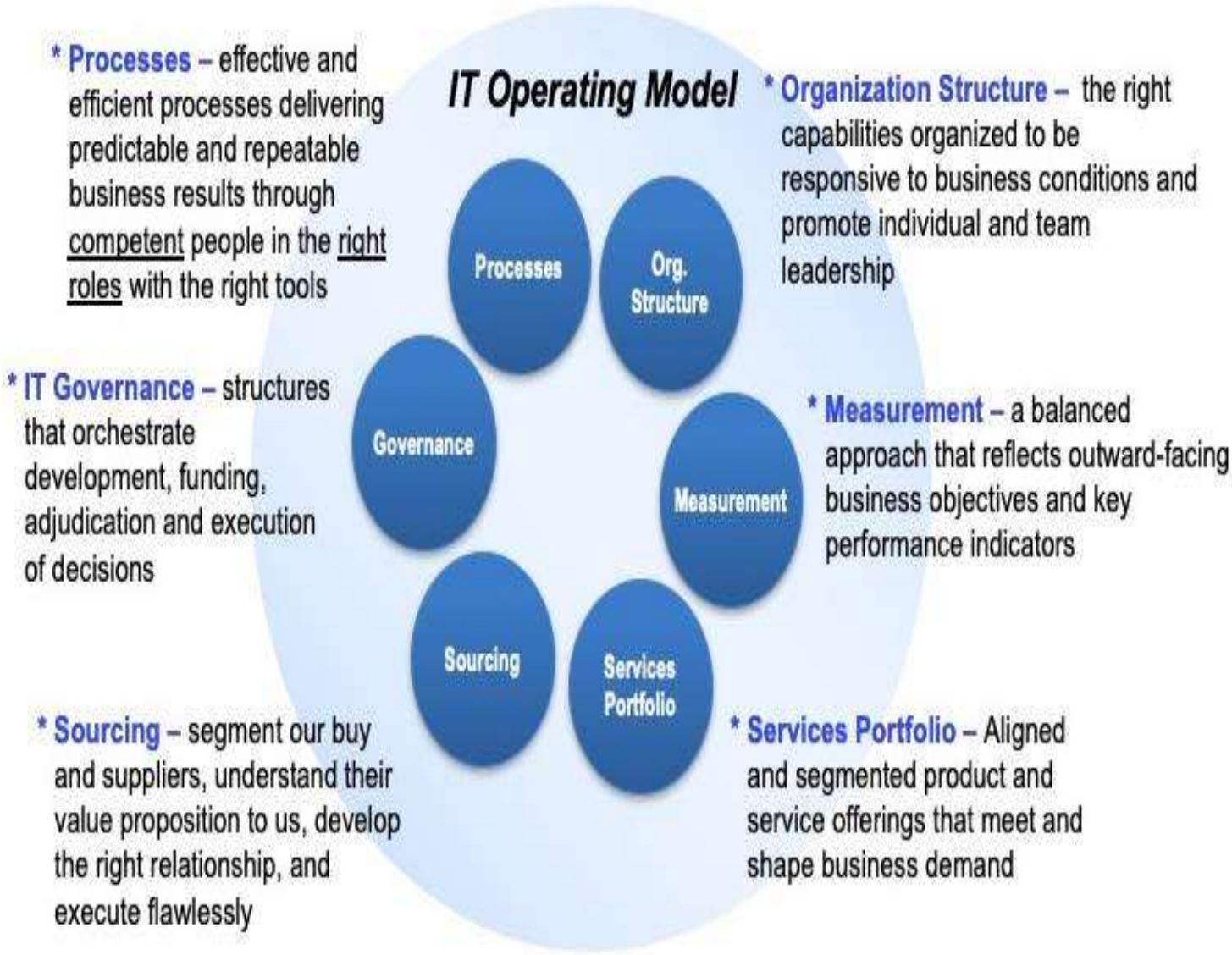
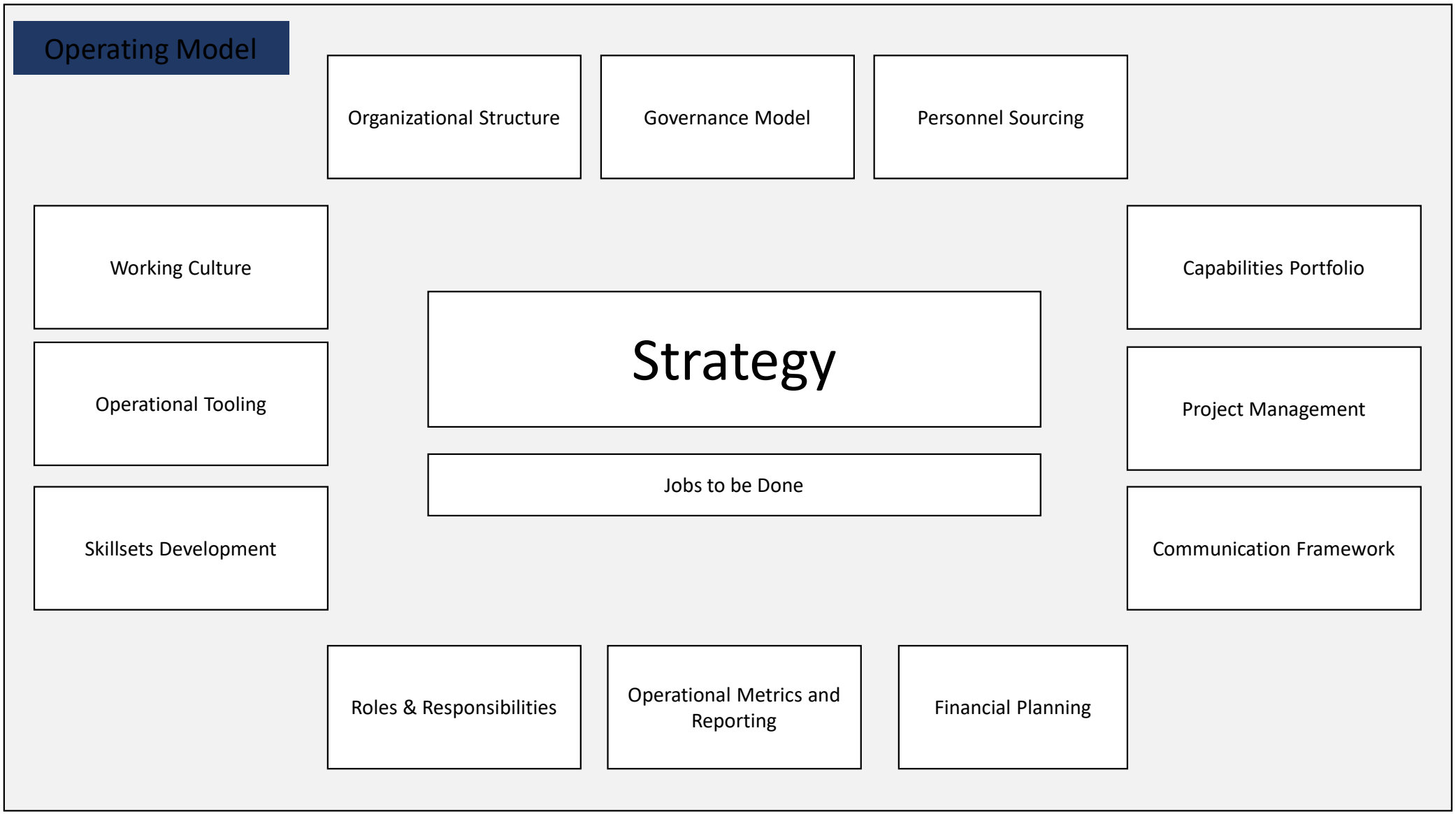
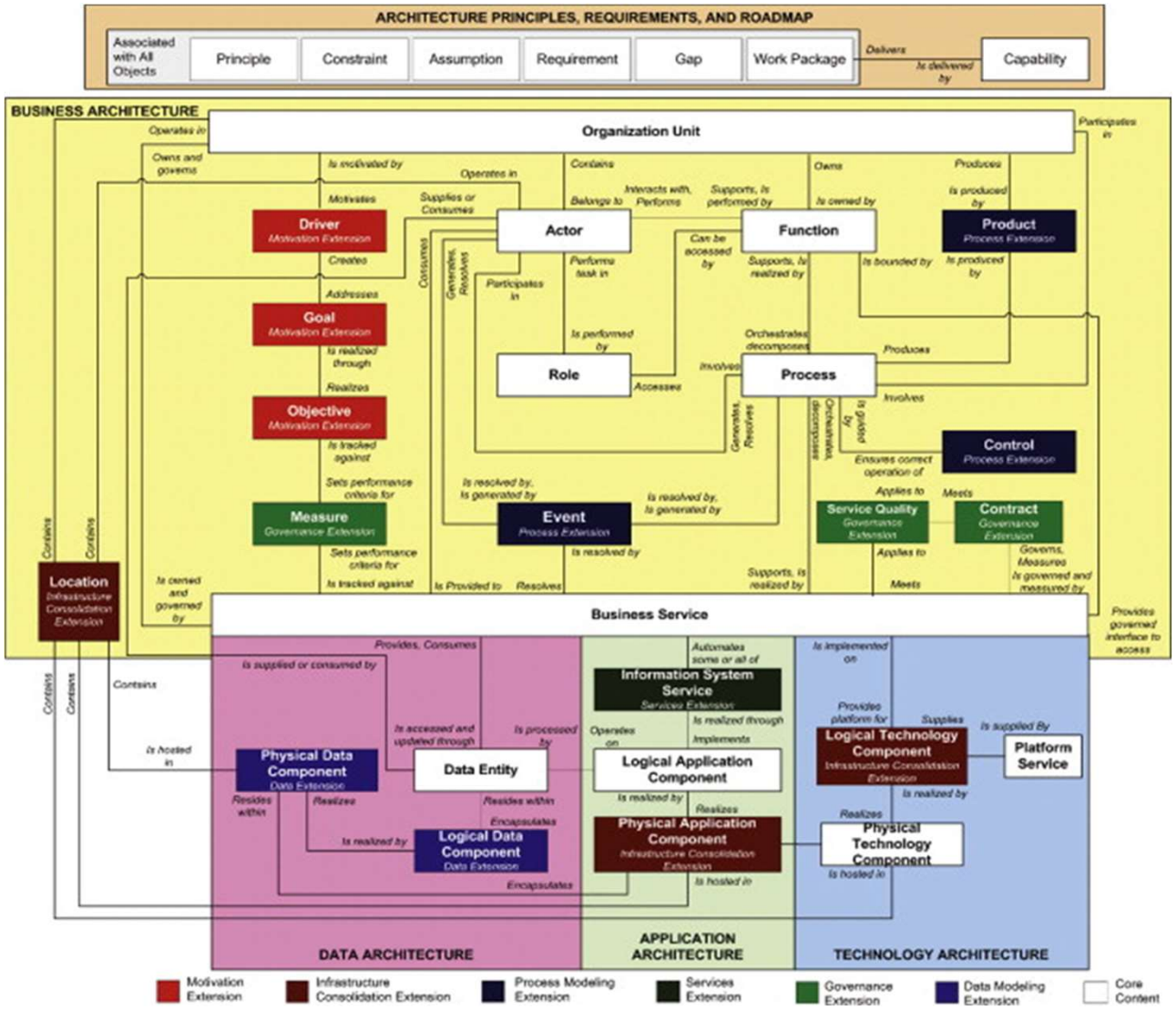

IT Operating Model
* Processes – effective and efficient processes delivering predictable and repeatable business results through competent people in the right roles with the right tools
* Organization Structure – the right capabilities organized to be responsive to business conditions and promote individual and team leadership
* IT Governance – structures that orchestrate development, funding, adjudication and execution of decisions
* Measurement – a balanced approach that reflects outward-facing business objectives and key performance indicators
* Sourcing – segment our buy and suppliers, understand their value proposition to us, develop the right relationship, and execute flawlessly
* Services Portfolio – Aligned and segmented product and service offerings that meet and shape business demand
Processes
Org. Structure
Governance
Measurement
Sourcing
Services Portfolio


Operating Model
Organizational Structure
Governance Model
Personnel Sourcing
Working Culture
Capabilities Portfolio
Strategy
Operational Tooling
Project Management
Jobs to be Done
Skillsets Development
Communication Framework
Roles & Responsibilities
Operational Metrics and Reporting
Financial Planning

3

Enterprise Architecture Evolution



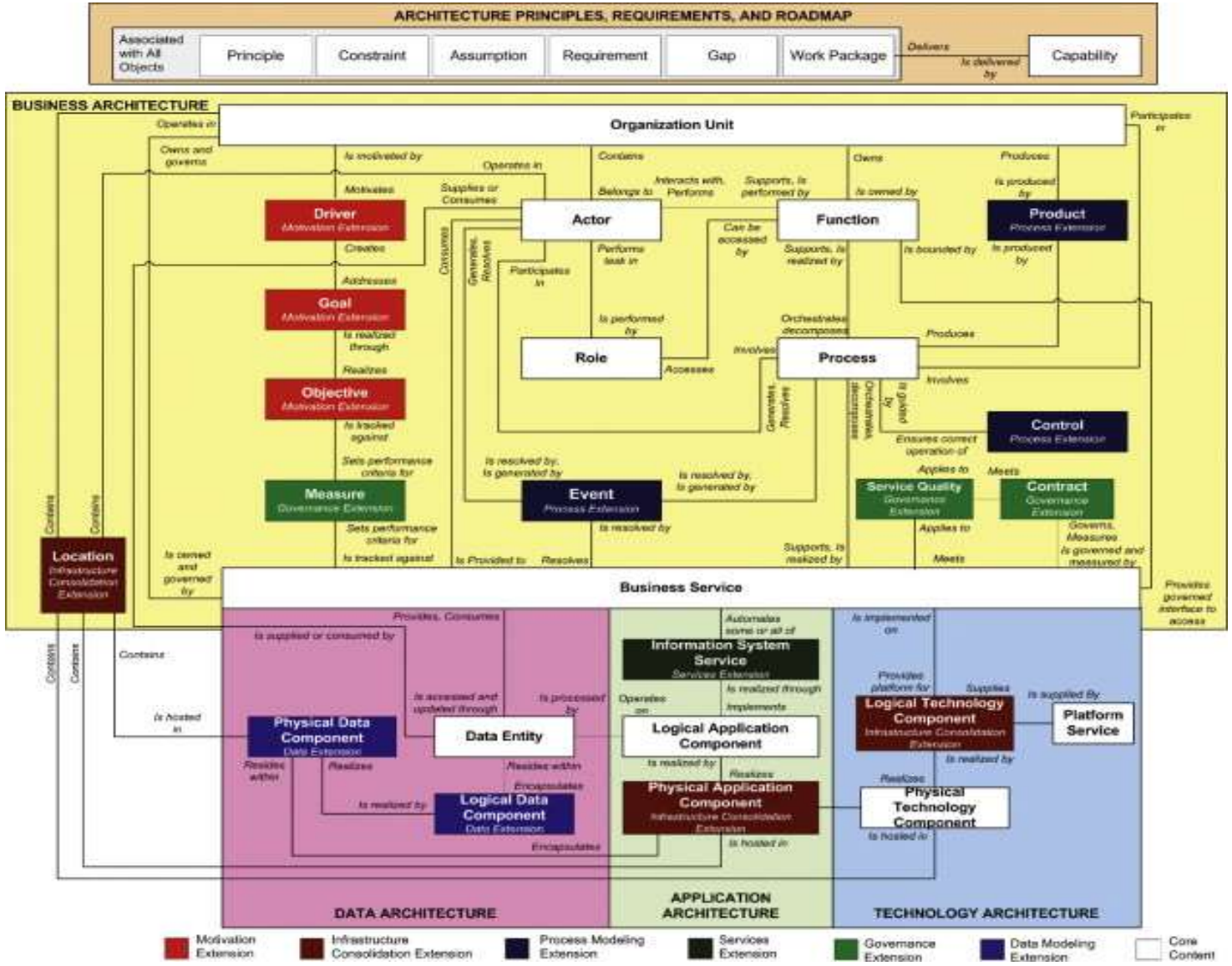
Examples

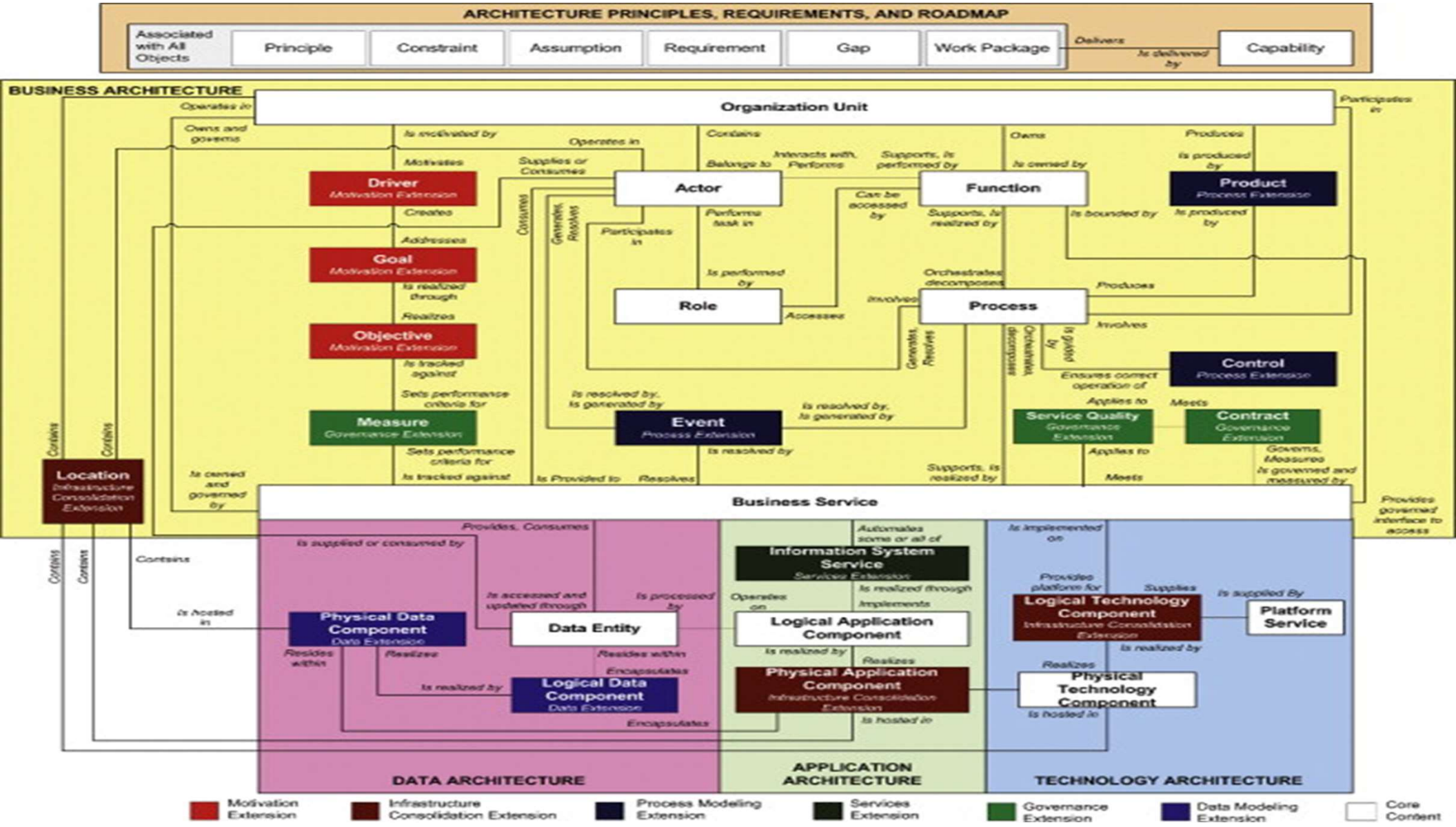
Zachman Framework

ENTERPRISE ARCHITECTURE - A FRAMEWORK ™

	DATA *What*	FUNCTION *How*	NETWORK *Where*	PEOPLE *Who*	TIME *When*	MOTIVATION *Why*	
SCOPE (CONTEXTUAL) *Planner*	List of Things Important to the Business ENTITY = Class of Business Thing	List of Processes the Business Performs Process = Class of Business Process	List of Locations in which the Business Operates Node = Major Business Location	List of Organizations Important to the Business People = Major Organization Unit	List of Events/Cycles Significant to the Business Time = Major Business Event/Cycle	List of Business Goals/Strategies Ends/Means = Major Business Goal/Strategy	SCOPE (CONTEXTUAL) *Planner*
BUSINESS MODEL (CONCEPTUAL) *Owner*	e.g. Semantic Model Ent = Business Entity Reln = Business Relationship	e.g. Business Process Model Proc. = Business Process I/O = Business Resources	e.g. Business Logistics System Node = Business Location Link = Business Linkage	e.g. Work Flow Model People = Organization Unit Work = Work Product	e.g. Master Schedule Time = Business Event Cycle = Business Cycle	e.g. Business Plan End = Business Objective Means = Business Strategy	BUSINESS MODEL (CONCEPTUAL) *Owner*
SYSTEM MODEL (LOGICAL) *Designer*	e.g. Logical Data Model Ent = Data Entity Reln = Data Relationship	e.g. Application Architecture Proc. = Application Function I/O = User Views	e.g. Distributed System Architecture Node = I/S Function (Processor, Storage, etc) Link = Line Characteristics	e.g. Human Interface Architecture People = Role Work = Deliverable	e.g. Processing Structure Time = System Event Cycle = Processing Cycle	e.g. Business Rule Model End = Structural Assertion Means = Action Assertion	SYSTEM MODEL (LOGICAL) *Designer*
TECHNOLOGY MODEL (PHYSICAL) *Builder*	e.g. Physical Data Model Ent = Segment/Table/etc. Reln = Pointer/Key/etc.	e.g. System Design Proc.= Computer Function I/O = Data Elements/Sets	e.g. Technology Architecture Node = Hardware/System Software Link = Line Specifications	e.g. Presentation Architecture People = User Work = Screen Format	e.g. Control Structure Time = Execute Cycle = Component Cycle	e.g. Rule Design End = Condition Means = Action	TECHNOLOGY MODEL (PHYSICAL) *Builder*
DETAILED REPRESEN-TATIONS (OUT-OF-CONTEXT) *Sub-Contractor*	e.g. Data Definition Ent = Field Reln = Address	e.g. Program Proc = Language Statement I/O = Control Block	e.g. Network Architecture Node = Address Link = Protocol	e.g. Security Architecture People = Identity Work = Job	e.g. Timing Definition Time = Interrupt Cycle = Machine Cycle	e.g. Rule Specification End = Sub-condition Means = Step	DETAILED REPRESEN-TATIONS (OUT-OF CONTEXT) *Sub-Contractor*
FUNCTIONING ENTERPRISE	e.g. DATA	e.g. FUNCTION	e.g. NETWORK	e.g. ORGANIZATION	e.g. SCHEDULE	e.g. STRATEGY	FUNCTIONING ENTERPRISE

TOGAF


ARCHITECTURE PRINCIPLES, REQUIREMENTS, AND ROADMAP
Associated with All Objects
Principle
Constraint
Assumption
Requirement
Gap
Work Package
Delivers
Is delivered by
Capability
BUSINESS ARCHITECTURE
Organization Unit
Driver
Motivation Extension
Actor
Function
Product
Process Extension
Goal
Motivation Extension
Role
Process
Objective
Motivation Extension
Control
Process Extension
Measure
Governance Extension
Event
Process Extension
Service Quality
Governance Extension
Contract
Governance Extension
Location
Infrastructure Consolidation Extension
Business Service
Information System Service
Services Extension
Logical Technology Component
Infrastructure Consolidation Extension
Platform Service
Physical Data Component
Data Extension
Data Entity
Logical Application Component
Logical Data Component
Data Extension
Physical Application Component
Infrastructure Consolidation Extension
Physical Technology Component
DATA ARCHITECTURE
APPLICATION ARCHITECTURE
TECHNOLOGY ARCHITECTURE
Motivation Extension
Infrastructure Consolidation Extension
Process Modeling Extension
Services Extension
Governance Extension
Data Modeling Extension
Core Content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Governance Extension
Location
Infrastructure Consolidation Extension
Business Service
Physical Data Component
Data Extension
Data Entity
Logical Data Component
Data Extension
Information System Service
Services Extension
Logical Application Component
Physical Application Component
Infrastructure Consolidation Extension
Logical Technology Component
Infrastructure Consolidation Extension
Physical Technology Component
Platform Service
DATA ARCHITECTURE
APPLICATION ARCHITECTURE
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Group Debriefs