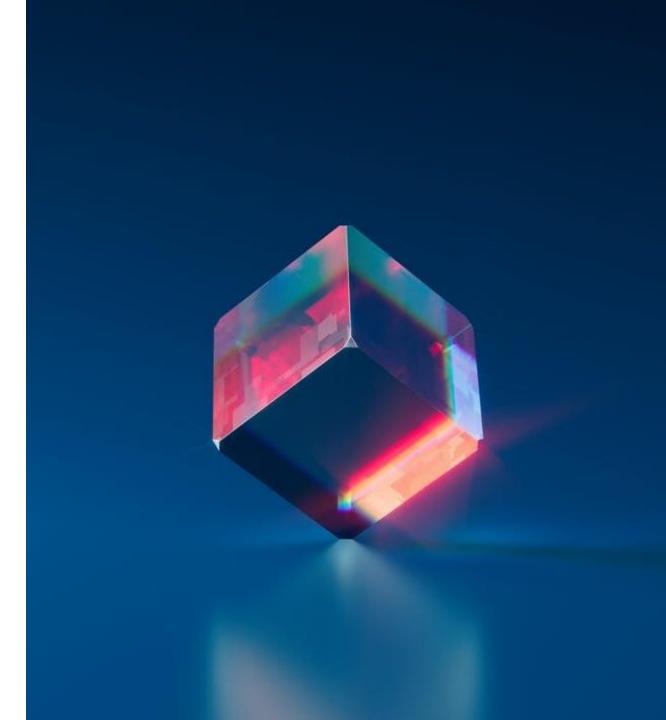
# EPAM's Digital Factory

Digital Factory is an operating model that unifies digital service delivery to increase scalability, operational efficiency, drive innovation and ultimately accelerate organization's digital ambitions, supporting transition from project to product based & outcome-based operations.

EPAM Digital Factory Operational Framework is intended for both Digital & Conventional types of solutions, with unified processes & tools across critical components, including intake orchestration, architecture governance, engineering productivity, and KPI & Measurement framework. It provides a robust foundation to quickly deploy resources and scale teams to deliver new products, services and capabilities to Baker Hughes and its customers.

# **An Oilfield Digital Leader Will**

- Impact a Cycle
- Rapidly Adapt a Product to Need
- Be Preferred and Cost Efficient
- Reliably Scale
- Reduce Complexity
- Co-Lead in Energy Transition
- Rely less on Capex for Business





# **Paying for Digital**

Q: Don't Digital programs just add cost?

A: No, they *change* cost and enable *new* revenue.

# Oilfield Digital Infrastructure Cost *should* be:

- Elastic to match cycles
- Elastic to match Compute Demand (M & I)
- Elastic to match seasons and volumes

# A Digital Program *should*:

- Remove CAPEX fueled growth
- Replace fixed Cost with variable, value driven
- Take out non-performing Fixed Cost

# A Digital Program *should* help pay for itself:

- Value Driven Investment
- Variable Staffing Models
- Portfolio Rationalization
- Legacy optimization
- Automation to Replace Human Touch
- Replace Static Fixed with Optimized Variable



# Highly Adaptive & Scalable Digital Operating Model to power shift from Traditional to Connected Digital Business

# **QUALITY PRODUCT**

- Focus on the Customer
- Product Centricity = Right Culture bringing business together behind shared goals and KPIs
- o Deep understanding of Market
- o Consistent Long-Term Focus
- o Innovations

# DATA & TECHNOLOGY

- Effective and informed utilization of Data
- o Consolidation of platforms & solutions
- API-centricity
- Secure Data and Software Engineering



- o Right People
- o Right Culture
- o Right Strategy for Growth
- Underpinned by Telescope AI, EPAM's award winning talent mgmt. system

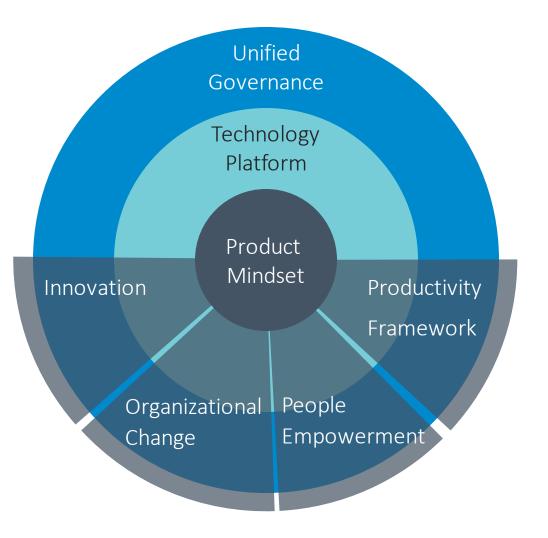
## -PROCESS

- o Value Creation Org. Structure
- o Demand Management & Scalability
- o Design Ops
- o EngX. Agility & Speed
- o Productivity Measurements & optimization
- O Governance Risk and Compliance
- o Org. Change Management



# **Digital Factory Operating Model Facets**

EPAM brings the strength of our multi-faceted Digital Factory framework to accelerate benefits to clients.





#### **PRODUCT MINDSET**

Putting your consumers at the heart of the strategy



#### **TECHNOLOGY PLATFORM**

Technology-Enablement & Engineering Culture



#### **UNIFIED GOVERNANCE**

New business & IT partnership model focused on excellence & empowerment



# PRODUCTIVITY FRAMEWORK

Doing more with less



#### **INNOVATION**

Disrupting the status quo



# PEOPLE EMPOWERMENT

Building networks and community to grow competency

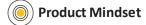


# ORGANIZATIONAL CHANGE

Winning people's hearts & minds to support the transformation – not enforcing it.



# **Digital Factory Operating Model Blueprint**





(•) Unified Governance

Productivity Framework

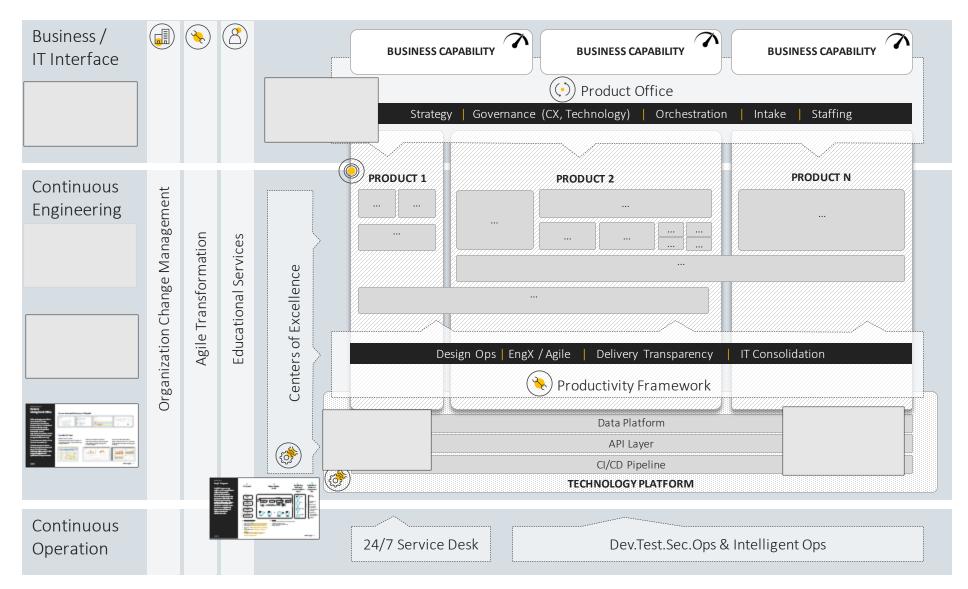
**Innovation** 

People Empowerment

Organizational Change

The model is highly scalable and can be built in a multi-tenant mode

(as an example – for data related projects we can have individual factories, tailored to specific needs while leveraging same framework)

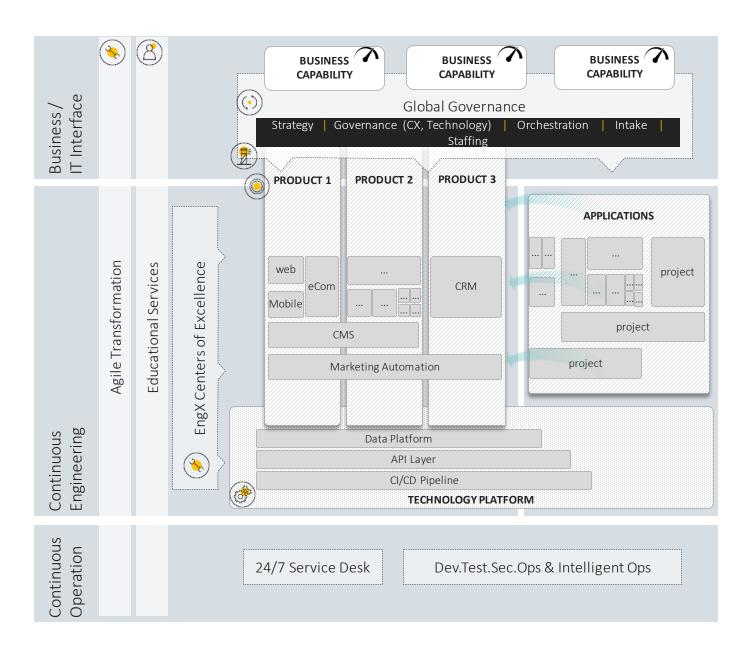




# **Transformation Process**

EPAM Digital Factory **Operational Framework** is intended to wrap both **Digital & Conventional types of solutions** with a goal to establish the unified processes & tools across critical components, including intake orchestration, staffing, KPIs & Measurement framework, architecture governance and engineering productivity and provides a robust foundation to quickly deploy resources and teams to deliver new products, services and capabilities to US Foods with a next level of Agility and Speed to fully adopt product based principles through breaking silos.

But this is not a **one-and-done type of journey** – it's a gradual, and highly collaborative process, that should start from specific set of initiatives (pilot program) allowing to test adoption and inform required change on a larger and more global level.





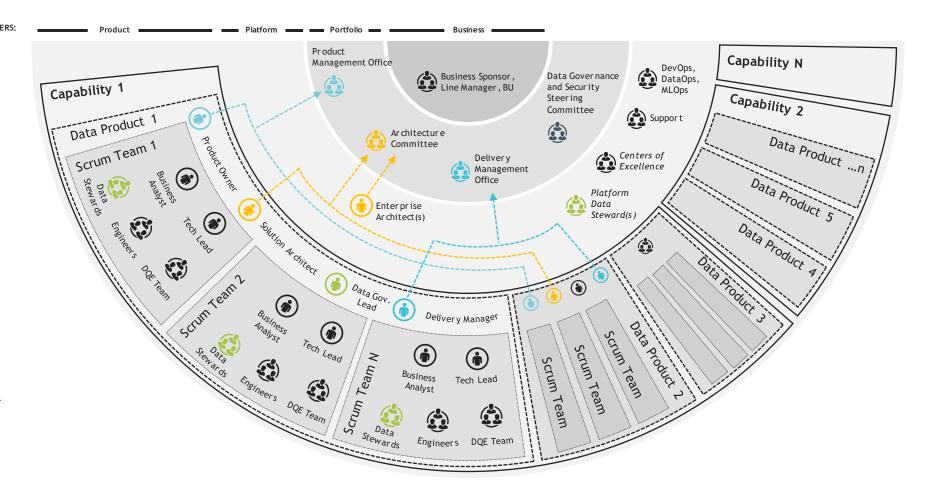
# Sample Org Design

This chart represents **provisionary Organization structure / Reference model**that is jointly elaborated and enhanced with based on identified products, initiatives and services.

**ENGAGEMENT TIER** consists of Client and EPAM program sponsors.

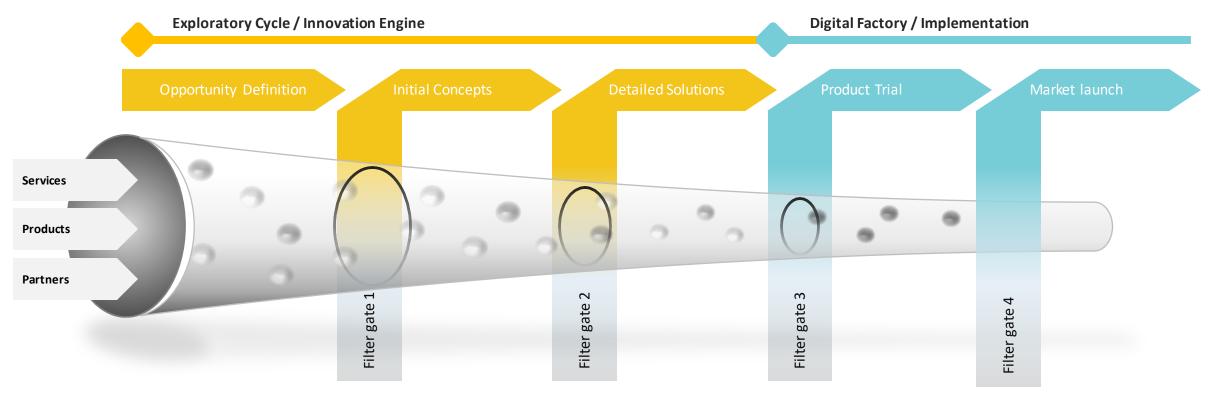
GOVERNANCE TIER is a transversal team of thought leaders and senior domain and technology experts, paired with respective SMEs in the Client core team. The shared team provides alignment of different projects & initiatives, efficiently handles release planning, dependencies management and global effort coordination.

**DELIVERY TIER** is represented by crossfunctional atomic scrum teams responsible for their respective projects. Depending on the size of the intake and desired timeline objectives, the delivery scrum teams can be efficiently scaled under the governance of the share Governance tier.





# **Connecting Innovation Funnel with Digital Factory Model**



- Business Challenges
- Market Research
- Trends Review
- Opportunity Areas

- Initial Concepts
- Ideas Assessment
- Sizing, Dependencies
- Filtering & Priority
- Prototyping ("Fail-Fast" approach)
- Design Prototyping
- Technology PoC
- User Validation

- MVP/ 1 Market
- A/B Testing
- Measurements
- Full Launch
- Measurements
- Learn & Adjust

# **Digital Factory for Global Oil & Gas Company**

#### The Ask

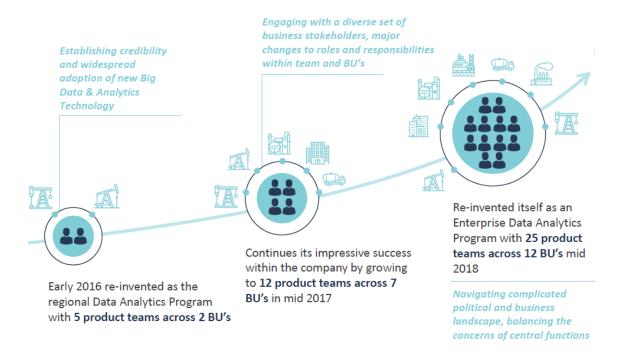
This client had 12 BU's, that operated autonomously with own processes and data, only connected through the core. They had made several failed attempts to create enterprise common model: BU's didn't want to redo existing systems; proposed structure did not fit needs; proposed model metadata was huge; BU's wanted to protect their raw data.

## **Digital Factory Highlights**

- Data lake to support variety of types of data
- · Agreements with different BU's to protect their sensitive data
- Mechanism for small projects of 2-3 months to show immediate business value and build capability
- Prioritization and scheduling based on highest impacts and data availability
- Adding more nodes and scaling team through EPAM
- Support distributed across BU's and vertical competencies
- Single 'front door' to request 'services': 1) augment teams or 2) build & transfer

### **Our Solution**

Solution that fulfilled these client objectives: cloud first strategy, build an enterprise data platform as a foundation to many digital solutions, double the size of the data science delivery organization within 12 months, enable data growth to 50-100 PB by 2020, deliver 10x\$M in value in 2020.





# DIGITAL FOOTPRINT

Over 60+ Analytics Applications run on the current platform today that include:

- Performance dashboards
- Reliability analytics
- Spend predictions
- Cybersecurity Analytics



# **KEY RESULTS**

#### **Product Management**

- 25 product teams across 12 BU's
- Engaging diverse stakeholders
- Over 60 applications

# Roles and Responsibilities Restructure

- Platform
- Delivery
- PMO
- Engagement

#### **Hybrid Delivery**

- Core plus shared resources was 80 ppl from EPAM + 20 ppl from client
- Flex/product teams was 200 ppl from EPAM and at latest stage about 100 ppl from client



# **Digital Factory Delivery Center for Schneider Electric**



In 2016, SE reached out to EPAM with series of complex issues: Global Rollout Challenges, Poor customer experience & low NSS Score, issues integrating IT & digital marketing units under a single umbrella

### **Our Solution**

EPAM deployed Digital Factory Model to manage multiple streams of work, undertaking large numbers of strategic initiatives. Started with 4 FTE in 2016 and grew to 400 FTE, focused on digitisation of Schneider's marketing, sales and overall customer experience.

# **Digital Factory Highlights**

- Eastern-European delivery centre in Belarus organized in self-contained independent product teams
- Shared team of EPAM's discipline leads onsite overseeing all the projects within Digital Factory, providing guidance & knowledge continuity
- E2E Agile delivery methodology with the shared set of metrics & KPIs for continuous factory performance measurement & optimisation

#### roadmap planning in accordance with goals and priorities: Alignment Deployments status, Results & Roadmap Planning (Monthly) Factory Product 2 Stream 1 Stream 2 0.0 **(i) (i) (a)** Stream 2 WHAT PROBLEM ARE YOU TRYING TO SOLVE? .... **:=** := PROVIDE IF IT WERE SOLVED? **■** (a) (b) against KPIs/Goals Executive / Factory & valuable features Schneider Electric Review and confirm mapping of roadmap items to organization goals and Factory Managemen Detailed review of progress & results of each visible and valuable feature





- Front-end: Angular JS, React Native
- Mobile: iOS, Android
- Digital Platforms: SDL Tridion (headless), Oracle ATG
- API: Apigee



# **KEY RESULTS**

- Global rollout to 150+ countries
- Defining the digital experience strategy, and built seamless customer experience
- Significantly improved one of the Key KPI's - Net Satisfaction Score (NSS) ~10 points year over year from 0 to 46
- Improved Schneider's throughput and quality as evident in KPIs and metrics used to track all aspects of the Operating Model's performance
- Significant business KPI improvements:
  - Total Orders: +21%
  - Conversion +26%
  - Total Sales: +2%
  - Partner Purchases: + 228%



# Target Operating Model



# **EPAM's Target Operating Model Design Framework**

Digital Disruption, along with the required adoption of new technologies, is driving many of EPAM's clients to consider a more holistic approach to managing organizational transformation by implementing new operating models



#### **DETAILS OF OUR APPROACH**

- **Opportunity Definition**: As "technologists", we possess a deep understanding of the impact of transformative technology on businesses today
- Vision & Strategy: A TOM must be grounded in a sound strategic vision & mission; we have tools and methods to support the development and articulation of a clear, future-oriented path
- **Product & Service Offering**: What are the outputs (discrete products/ services) rendered on behalf of the company? How will they generate and add value?
- **Target Operating Model:** 
  - Blueprint What does "great" look like in ways of people, process and technology in the future state?
  - Migration Plan What is the most advantageous way to get from point A to point B, maximizing "burn-in", while minimizing cost, time, and waste

# We believe in breaking down silos through integrated business, experience and technology consulting

**Accelerating breakthrough ideas** into meaningful impact.



We use **Data** to inform decisionmaking and drive business performance at every step

#### PRODUCT

# Holistic vision to maximize value of the **MVP** and beyond

Design centric product development on top of engineering excellence principle, industry standards and best practices. Running rapid experiments to validate hypothesis – new markets, segments, new features





you apart from your

competitors.

EXPERIENCE





## **Delivering business** value

We identify relevant opportunities of focus for customers, that define where investment should be made in existing or new products and services.



& USINESS

**PRODUCT** 

**PROGRAM** 

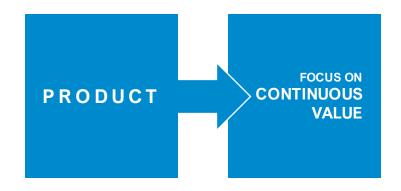
#### TECHNOLOGY

# Moving at the speed of software

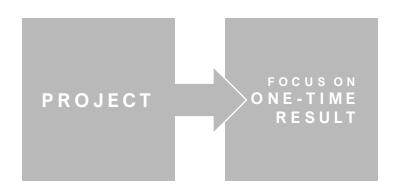
Keeping up with the pace of technology change is hard. We help you to shape your technology architecture and roadmap, ensuring investments are appropriately evaluated, prioritized and de-risked.



# **Consumer Value Drives Organization**



— VS.—



Focus on value

Consumer at the center & business value in focus

Holistic visionary & crossfunctional teams (business, users, IT)

Sustainable alignment on future vision & steps

Strategic vision broken down to measurable objectives

Be flexible & predict

Product roadmap, lifecycle, and dependencies

Minimal Viable Product

Time-to-market

Monthly to biweekly to weekly releases

Event-driven, multiplatform architecture Experiment

Design thinking (DesignOps & DevOps)

Rapid prototyping

Instant Feedback

Room for ongoing innovation

High-trust environment to motivate new initiatives

Learn & evolve

Unified data foundation

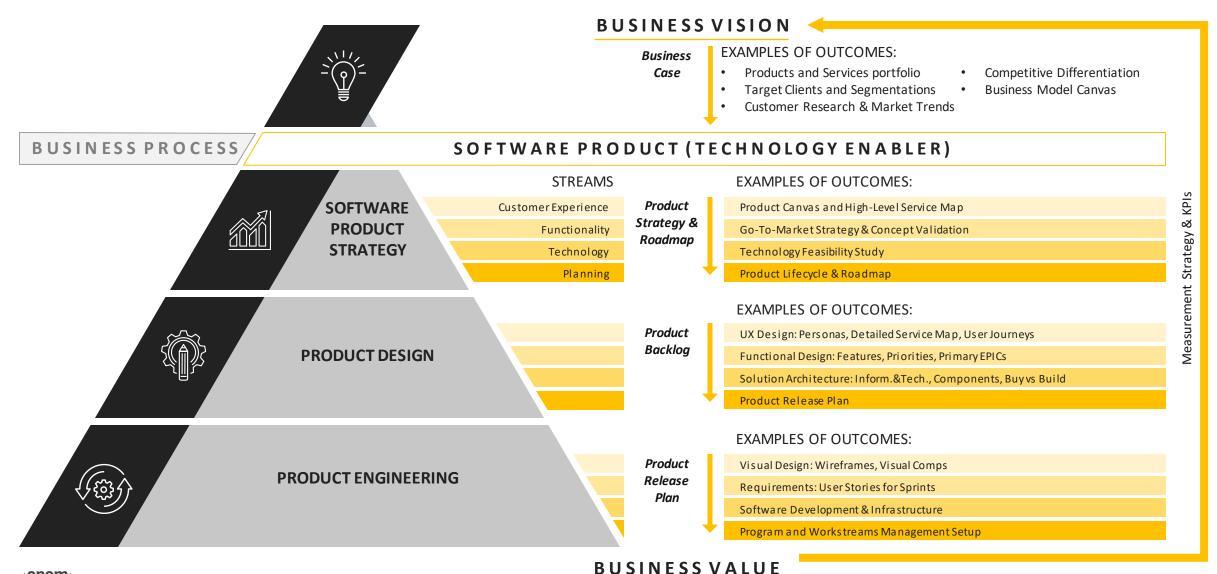
KPIs & measurement strategy

Continuous measurement & optimization

Avoiding silos

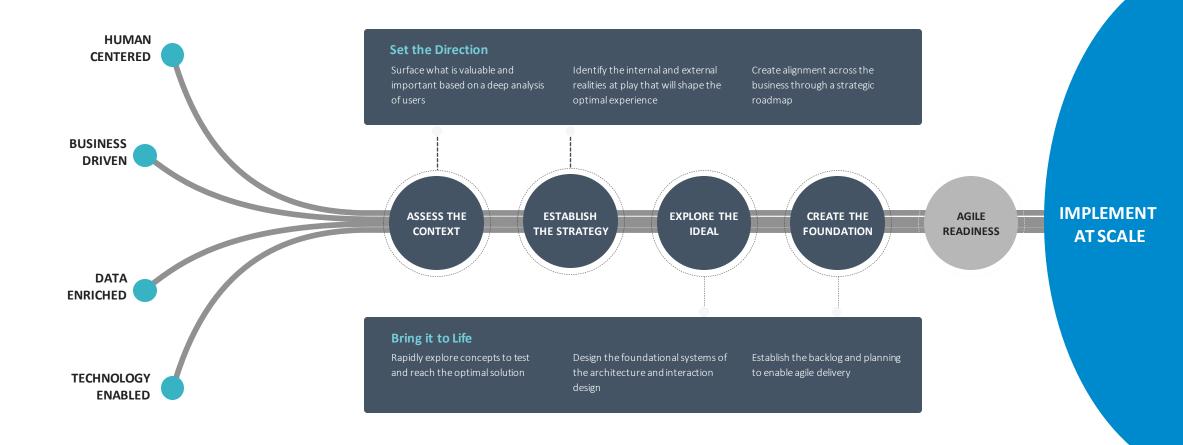


# **Product-Centric Operations: Adaptiveness to Changing Consumer Needs**



# Our Approach is Human Centric, Evidence Based, Technology Enabled

Design, business and engineering are often seen as different disciplines, but it is when they work together, as part of multidisciplinary teams, focused on mutual goals that we can have the greatest impact and provide the greatest value.





# Product Management Methodology



# **Product Management Maturity Model**



# **Dimension 1 Instinct Driven**

- No formal product management role or organization
- Project-centric
- Output mindset



Decisions made by a few influential people

Directive



Collaborative

Product goals and roadmaps

articulated through CX definitions





- Product management role and organization
- Product-centric
- Success relies mainly on quality of product

Tactical

Requirements defined as line

items. Engineering interprets



# **Dimension 3 Customer Experience Driven**

- Customer experience shapes development and **GTM** activities
- Customer-centric
- Success is create best solution for customers



# **Dimension 4 Market Driven**

- · Stakeholders aligned around a vision
- Data-driven
- Acquire new customers
- Increase customer lifetime value



# **Dimension 5 Strategy Driven**

- · Decisions aligned on strategic priorities
- Clear success measures
- Outcome mindset

Growth-Oriented

CX definitions drive alignment of stakeholders on product vision

Transformational

Strategy is vetted through product methods and frameworks



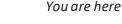
Goal is over 6-12 Months



Goal

Progressive and always improving \cong





# **EPAM's Approach To Product Portfolio Management**

Product Portfolio Management & Roadmap

Understand Business & Product Strategy

- Explore & understand business vision & strategy (workshop):
  - Define the short & long-term goals
  - Define the obstacles that might prevent achieving the goals
  - Define the critical areas that will drive the change

Define Roadmap

- Setup a process for joint backlog prioritization based on balance of business value & technical dependencies:
  - Define IT & Business stakeholders in charge
  - Define re-prioritization schedule (i.e. quarterly)
- Educate stakeholders on the concepts of MVP and frequent release cycle
- Define the initial product portfolio:
  - Create the initial backlog based on product strategy and results of technology assessment
  - Facilitate initial prioritization session ("learning by doing")

Build Agile Product

Management

Mindset

- Educate business & IT stakeholders on the differences between product and project mindset and how it influences the roadmap creation and prioritization
- Define product value measurement framework
- Enable data-driven decision making
- Establish the process for regular feedback collection and re-prioritization based on it



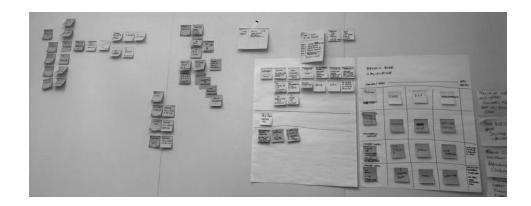
# DISCOVER: KEY ACTORS, PROBLEMS, OPPORTUNITIES

#### **AS-IS DISCOVERY WORKSHOPS**

Fundamental kick-off workshops for all teams focused on understanding of the business & user-value proposition. Mapping Jobs to be Done canvas following initial interviews with employees/stake holders/end-users.

Identifying key actors, what each actor does every day, every week, what are the necessary outcomes, extract gains and pains. The AS-IS discovery workshops are usually concluded with Value proposition workshop for products and services to identify KPI metrics and identify durable competitive advantage.

#### 1. UNDERSTANDING USER PERSONAS



## 3. CAPTURING JOBS TO BE DONE

	Who	When	What	Measures	Insights	Frequency	Impact	Upstream	Downstream
Jobs									
Pains									
Gains									

Identifies the opportunities through pains, gains, frequency, value analysis - Sample table from post-it canvas

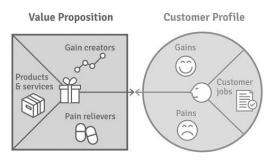
#### 2. DEFINING KEY PROBLEM STATEMENTS

#### PROBLEM STATEMENT - ROLE/ACTOR

"In the office, teams of analysts have a heavy reliance on paper and memory for data entry. There's no task tracking system, therefore no audit trail. They must manually track plan details and cage status, losing valuable time that can be used for higher priority tasks."

Resulting high-level problem statement with actor focus

# 4. UNPACKING CUSTOMER PROFILES AND VALUE STREAMS



The Value Proposition Canvas is formed around two building blocks – customer profile and a company's value proposition.

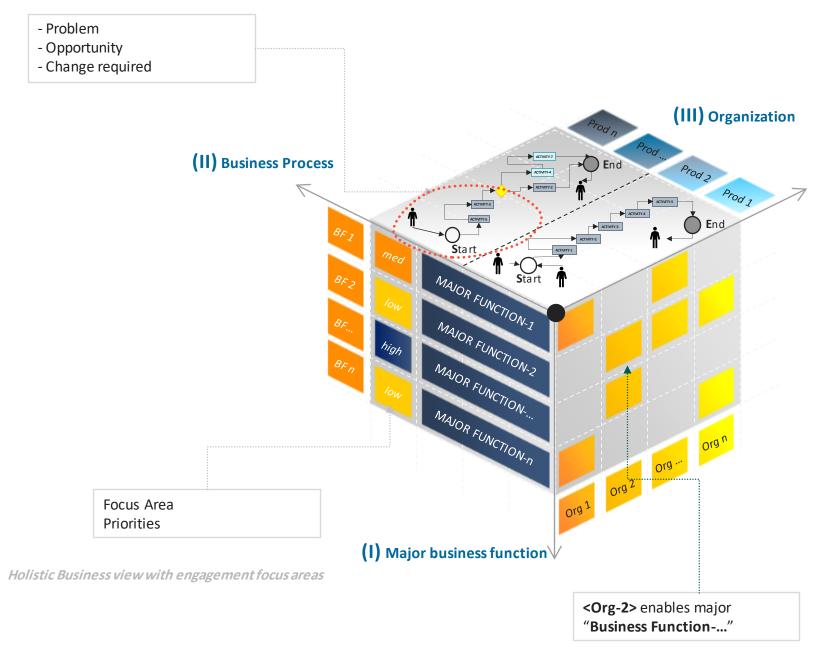
# **DISCOVER: USER JOURNEY MAPS**





# DISCOVER: PROCESS MAPS

Describes how business operates, why it operates in a certain way, who is responsible and when and where specific workflows (or activities) should occur



# DISCOVER & DEFINE: BUSINESS OKRS & PRODUCT KPIS

# ANALYTICS & MEASUREMENT STRATEGY

Maps your business objectives & goals directly to Key Performance Indicators (KPIs), which gives you effective measurements of your digital experience while focusing on what matters most. This strategy ensures that the organization is aligned on what success looks like before the program is started. It provides an explicit framework to quantitatively measure performance over time and enable continuous loop between product strategy and realized value to adapt quickly and make necessary adjustments.



# **DISCOVER & DEFINE: HIGH-POTENTIAL PRODUCT CAPABILITIES**

# **BUILDING PRODUCT CAPABILITY MAPS & EVALUATING FEATURE COMPLEXITY**

Derives potential product capability gaps and opportunities out of the collected materials. Selected opportunities are then transformed into product capabilities & features. Initial directional assessment of complexity, efforts and other parameters. Non-functional requirements get also laid out and preliminary sized.

## **GAPS & WOWS COMPLEXITY/EFFORT MAPPING**

Patient

MyDay

Patient

Services Estimates for PM & EHR GAPS and WOW Features											
Module (EHRM, PM,  Common)   Level 0 -Category  ▼		Level 2 - Feature	Level 2 - Nested Featues OR Stories	Polaris Stage - Workstream	Write	Complexity	Services	Notes 🔻	Effort		
EHR	Patient	Noting (includes E&M calculator)	Improve signing workflow	Wow	w	Complex		5	65		
EHR	Patient	Noting (includes E&M calculator)	Add patient risk level to note	Gap	w	Simple		2	15		
EHR	Patient	Noting (includes E&M calculator)	Include evaluations and outcomes when cite Care Plan into note	Gap	w	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Include ICD when cite problems to note	Gap	w	Simple		2	15		
EHR	Patient	Noting (includes E&M calculator)	Deactivate Clinical Hx from the note	Gap	w	Simple		2	15		
EHR	Patient	Noting (includes E&M calculator)	Improve citing of meds in the note	Gap	RW	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Interact with clinical measures	Gap	RW	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Handle high risk meds and orders	Gap	RW	Complex		5	65		
EHR	Patient	Noting (includes E&M calculator)	Section level entry mode for specific sections (non HPI)	Gap	w	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Transition from legacy forms and templates	Gap	w	Complex		5	65		
EHR	Patient	Noting (includes E&M calculator)	Write finding to note on satisfy health reminder	Gap	RW	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Reconcile meds from the note	Gap	RW	Complex		5	65		
EHR	Patient	Noting (includes E&M calculator)	Assessments come from orders/charges to note	Gap	RW	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Include lab notes when cite lab orders into note	Gap	w	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Spell Check	Gap	R	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Speech integration	Gap	Integration	VComplex		5	100		
EHR	Patient	Noting (includes E&M calculator)	Rank diags in assessments	Gap	RW	Medium		3	30		
EHR	Patient	Noting (includes E&M calculator)	Integration with imaging, directly take picture	Gap	Integration	Medium		3	30		
EHR	Patient	Predictive Order Management	Smarter diagnosis mapping	Wow	w	Complex		5 ML	65		
EHR	Patient	Predictive Order Management	Lab test mapping	Gap	RW	Complex		5	65		
EHR	Patient	Predictive Order Management	More integration into the note	Gap	RW	Complex	_	5 Chack Orders			
EHR	Patient	Predictive Order Management	Roll up suggestions to less specificity	Gap	RW	Complex		Work Buckets			
EHR	Patient	Predictive Order Management	Clinical measures feed into POM	Gan	Integration	Medium	R	Reference/System Data Model			

Medium

Medium

System Data - seed data population framework

Data Migration - Progress to Postgres (process)

Data Migration - Postgres to Mongo (process)

Platform schemas - Request/Response, External Interfaces (EDI)

Data Model Definition - relational

Data Model Definition - Mongo

Input Data Ingestion framework

Mongo Setup

**Tooling & Scripting** 

**Tooling & Scripting** 

Integration

RW

**TECHNICAL/NON-FUNCTIONAL REQUIREMENTS ESTIMATION** 

100

300

150

150 200

200

1200

200

200 300

100

200

200

300

200

200

300 200

150

500

200 200 Schema

400 200 Schemas

200 Assumes 200+ Topics

300 200 Entities

300 200 Entities

### FEATURE LEVEL COMPLEXITY/EFFORT MAPPING AND ESTIMATIONS

Clinical - Vew Authorizations from Clinical

Predictive Order Management Clinical measures feed into POM

E-prescribe (includes codified sig, Sig favorites at provider level

Eligibility Enhancements

(includes multiple copays)

	400	71					#UI Fields	#UI Fields	#Submissions	iliput bata ii	igestion maniework
Epic	Feature	User Stories					#UI Fields	(prefill)	#Submissions	FluentD/Flur	ne or similar
-T		₩ .			S Step-Seed	According to	w			Data Lake (S	3) - Process Definition
Patient	Allergies	Allergies - List	Strage, 10.			- 1	11	1		Data Lake (S	3) - API Integration
	Allergies	Allergies - Detail	tings, less				38	1		Messaging (	(afka) - Topic Design
Patient	Adminsitered Medications	Adminsitered Medications	Married Street, or other Persons and Street,	HE-EIN.		-				Messaging (	(afka) - Setup
Patient	Encounter Note	Encounter Note - Draft Encounter Note - Search Findings	1000			-	79		2	0 01	(afka) - Publisher Integration
Patient Patient	Encounter Note Encounter Note	Encounter Note - Search Findings Encounter Note - Search Qualifiers				-	21				(afka) - Consumer Integration
	Encounter Note	Encounter Note - Search Qualifiers Encounter Note - Form					130		2		· · · · · · · · · · · · · · · · · · ·
Patient	Encounter Note	Encounter Note - Preview			-		60			Messaging (	(afka) - Topic bound Schemas
	Encounter Note	Encounter Note - Dictation Markers			-		15		1	JSON to Avro	- Conversion
Patient	Encounter Note	Encounter Note - Drawing & Annotation			_		20			Data at Rest	Encryption - framework & integration (Relational
Patient	Encounter Note	Encounter Note - Text Writer	-	Sec Wine			60		1	Log Manager	ment - Log Collection
Patient	Encounter Note	Encounter Note - Vitals		THE .			5	1			ment - Storage & Archival
Patient	Encounter Note	Encounter Note - Citing	Inches See	704			45	13	1		
Patient	Encounter Note	Encounter Note - E&M	Total State	100			50		В	-	ment - Search & Query Framework
Patient	Encounter Note	Encounter Note - Favorites	Income No.	Seattle.			20	13	3	Common fra	mework
Patient	Encounter Note	Encounter Note - Previous Encounter	Security State	Person December			40	10		PS & Success	Data Migration Process
Patient	Encounter Note	Encounter Note - Copy Family History	Inches State	Tage Series Street			25	. 7	1	Tooling & Scr	ipting for Data Extraction
Patient	Encounter Note	Encounter Note - Intake Findings	Investor No.	NA THE		-	15	1		Tooling & Sci	ipting for butta Extraction
Patient	Encounter Note	Encounter Note - Right Click Options	Total State	Right Too Spring			5	1	1	V <sub>I</sub>	II VL
Patient	Encounter Note	Encounter Note - Section Selection	Insulate Name	Service Milesine		-	10	. 1	1	1	2 0
Patient	Encounter Note	Encounter Note - Printing	Security State	THE R. L.			5			0	2 0
Patient	Encounter Note	Encounter Note - Signing	Insulator State	Service			25	1	1	2	4 0
Patient	Encounter Note	Encounter Note - Preference Setup	Inches State	Politeco Strag			50			2	2 0
Patient	Encounter Note	Encounter Note - Design	Inches State	Trop							
Patient	Immunizations	Immunizations - Widget	Minus Contraction	POM.			26	1	1	0	1 0
Patient	Immunizations	Immunizations - Order Immunization Schedule	Miles and American	No resource blook			36	- 2	2	0	2 0
Patient	Immunizations	Immunizations - Administered	Minutes and the last	Married Co.			50		2	5	0 0
Patient	Immunizations	Immunizations - Scheduled	description.	STREET			16	1		1	1 0
Patient	Immunizations	Immunizations - Administer		Married .		-	18	1		0	2 0
Patient	Immunizations	Immunizations - Record	-	Store			5		1	0	0 0
Patient	Immunizations	Immunizations - View Schedule	-	No. Shide			0		)	0	0 0
Patient	Vitals	Vitals - Widget	Tree Strape				66	1	1	0	1 0
Patient	Vitals	Vitals - Details	The Section				92			1	2 0

ΤΩΤΔΙ

# DEFINE: MULTI-DIMENSIONAL PRIORITIZATION FRAMEWORK

#### **BATTLEGROUNDS**

Core strategic areas that support the path towards realizing the business vision and associated KPIs.

#### **BATTLE**

Each battle represents A specific capability required to be enabled to facilitate transition from current state to future state within the battleground.

#### **HORIZON**

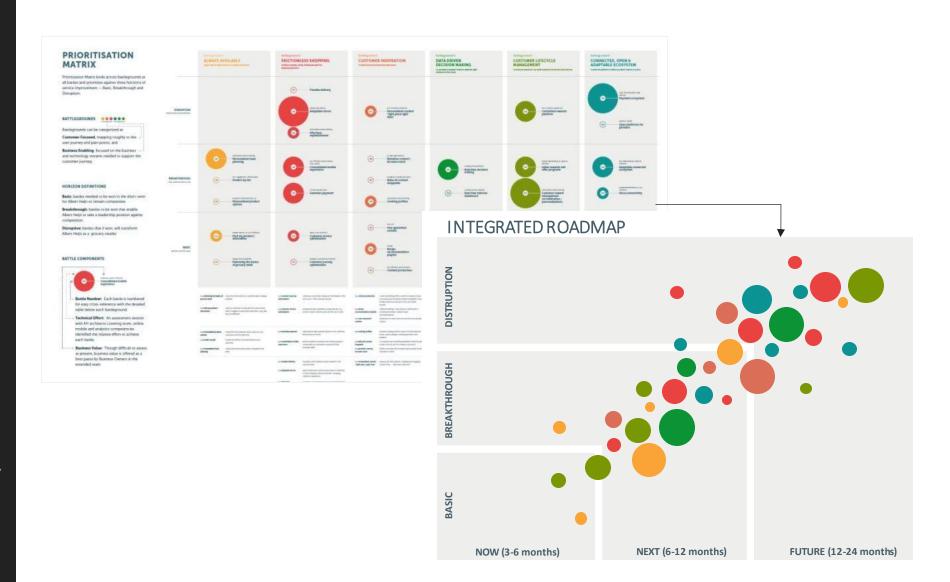
Characterizes the level of service improvement.

#### **PRIORITIZATION MATRIX**

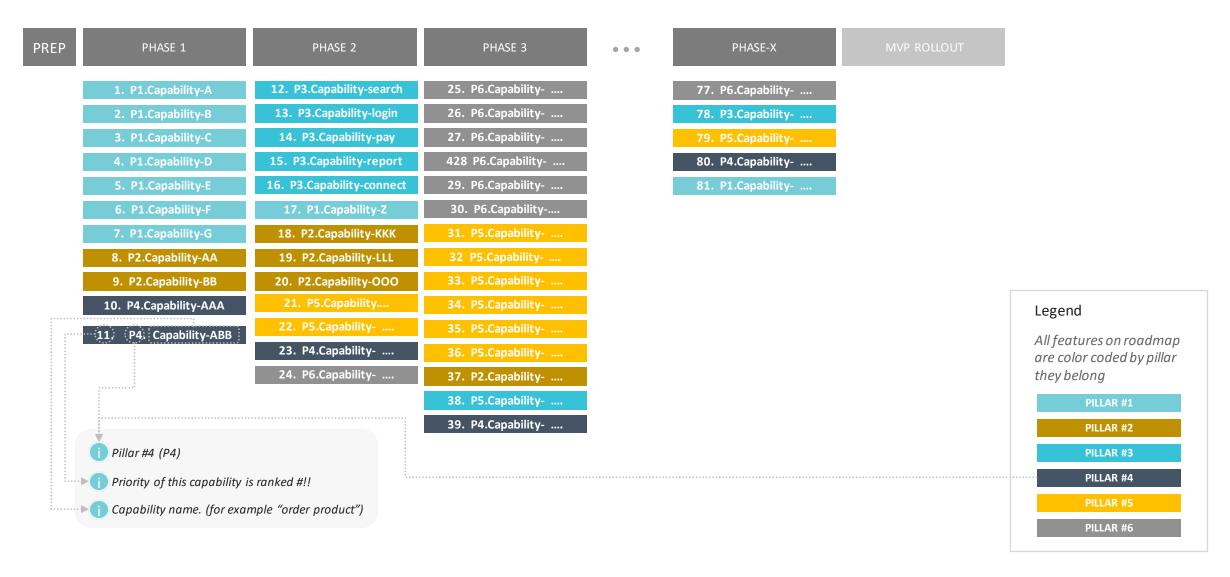
Looks across battlegrounds in all battles and prioritizes them across horizons taking into consideration business value, technical feasibility, and effort.

#### INTEGRATED ROADMAP

Brings together all battles and reveals sequencing over time.

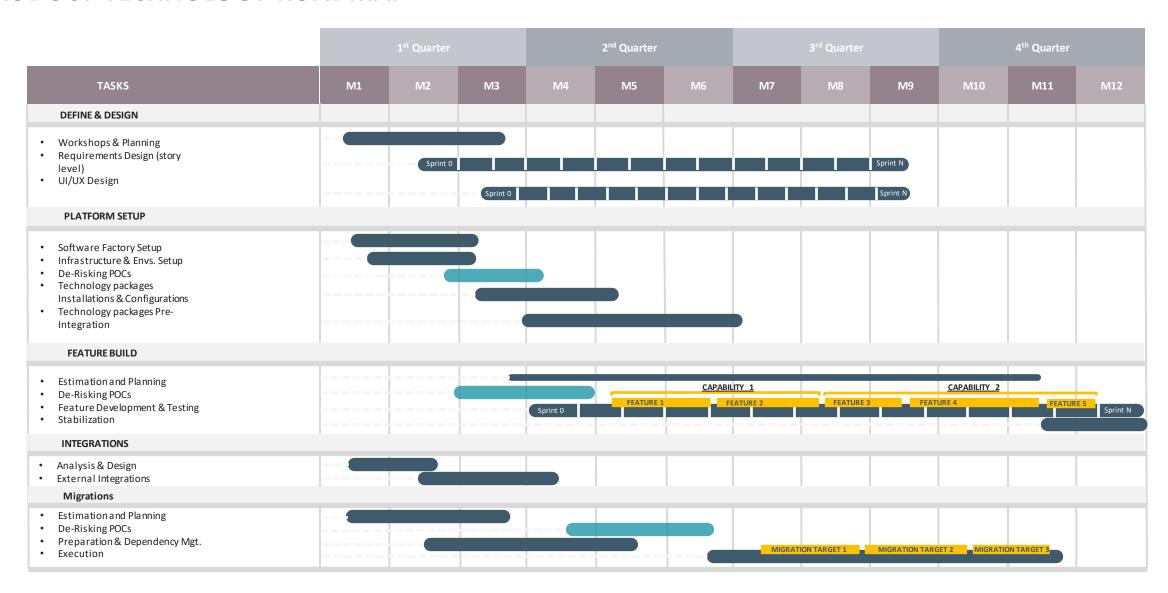


# **MVP PRODUCT ROADMAP**





# PRODUCT TECHNOLOGY ROADMAP





# DEFINE: PRODUCT ROADMAP

#### **BIG BANG**

Start with the most important Business KPIs. Usually heavy investment into technology enablement. Build connected experiences and re-usable technology components (to enable building other pillars in post-MVP phases). "Do it right" approach but may take too long and too costly to spotlight implementation risks.

#### **QUICK BUSINESS WIN**

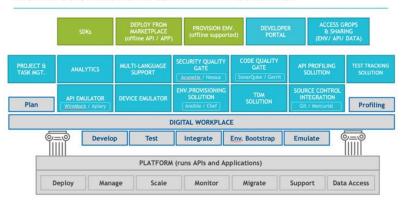
Focus on ASAP fixing of the few most critical business KPI(s). Usually means silo project-based approach with low reusability across business pillars. Leveraging legacy technology stack and keeping technical debt are often can be seeing as a part of this MVP option

#### **DE-RISK & ENABLE FIRST**

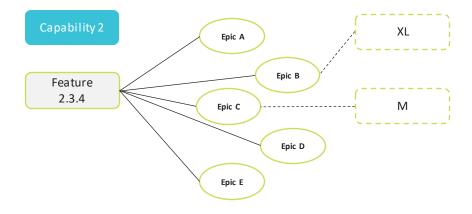
Design E2E platform components. As a part of de-risking process – start deployment and integration of the most complex and risky components first.

# ARCHITECTURE COMPONENETS INTERDEPENDENCIES

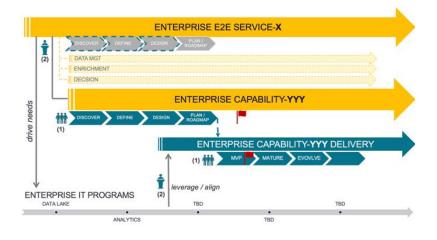
#### TECHNOLOGY: FUNCTIONAL COMPONENTS - WORKPLACE



#### CAPABILITY DEVELOPMENT EFFORT SIZING



# ALIGNMENT WITH ENTERPRISE IT TECHNOLOGY ROADMAP



### INTEGRATED DELIVERY ROADMAP



