



Managed Engineering Services

Rapid Delivery Assessment



EngX360 Rapid Assessment

1 OBJECTIVES & SCOPE

2 INTRODUCING ENGX360

3 FOCUS ON RAPID ASSESSMENT

4 TIMELINES, KEY ACTIVITIES & DELIVERABLES



5 SUMMARY, COMMERCIALS & ASSUMPTIONS

6 CLIENT CASE STUDIES






EngX360 Rapid Delivery Assessment: First Step in a Transformation Journey




SCOPE DEFINITION

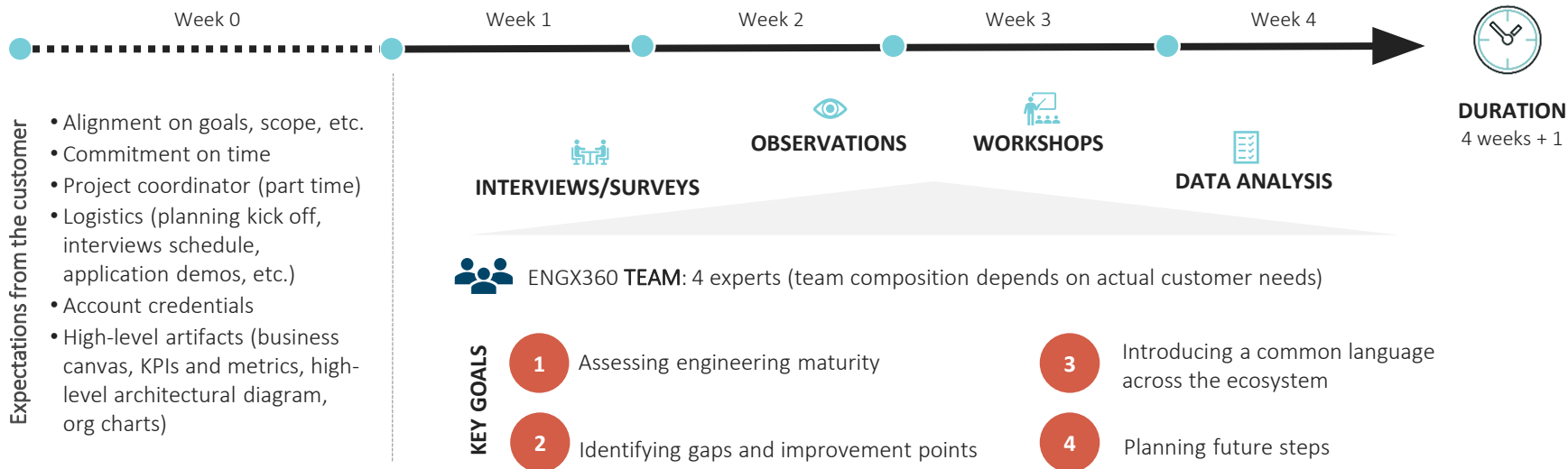
-  Number of pipelines or products
-  Engineering practices in focus

ITERATIVE DELIVERY

-  Weekly sync ups
-  Weekly reports (done last week, plan for coming week, impediments)
-  Weekly deliveries, playback to the team, feedback, and course correction

FINAL READOUT: DELIVERABLES

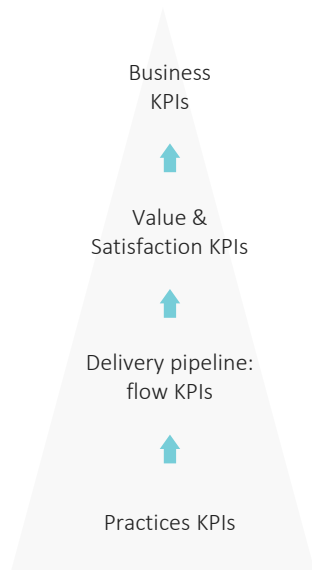
-  OKRs and metrics
-  Value streams & delivery pipelines
-  Best practices heatmaps



Key Deliverables

1

OKRs & Metrics pyramid



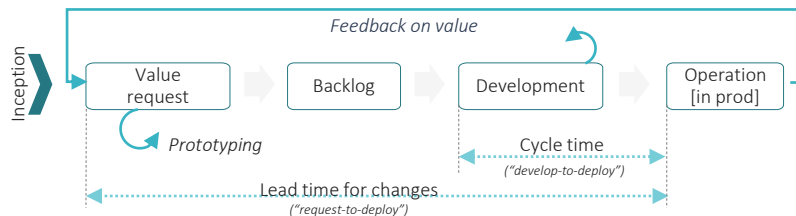
2

Value streams (“idea to backlog”) and delivery pipeline models (“commit to release”). Touches upon:

 Value management

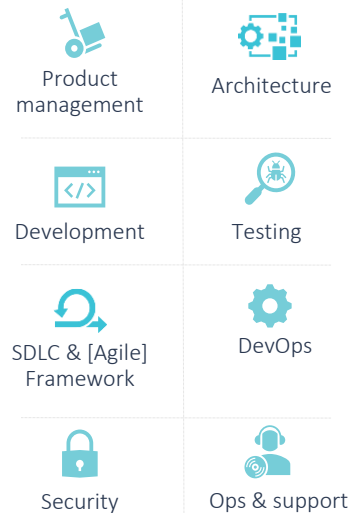
 Org taxonomy, governance, and ecosystem alignment

 SDLC and Agile Frameworks



3

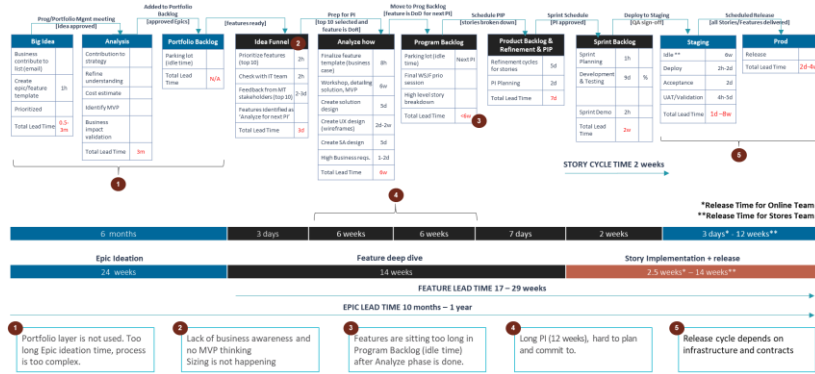
Best engineering practices heatmap (optional)



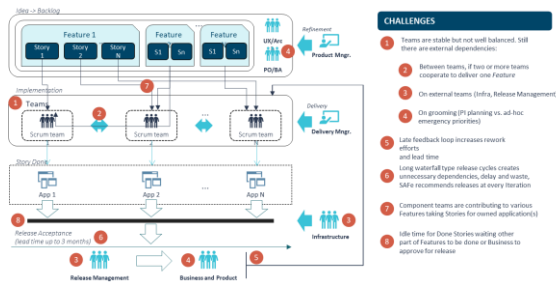
Key findings and recommendations

Key Deliverables: Examples

1 Value Stream: Commit-to-release



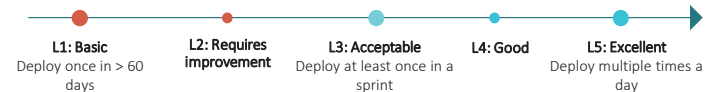
2 SDLC & Org Structure



3 Best Practices Heatmap

PRACTICE	ASPECT	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
Agile Health	Events					
	Roles					
	Product Backlog					
Engineering	Artifacts					
	Knowledge Sharing					
	Code Quality					
	Code Review					
	Unit Tests					
	Technical Debt					
Secure Development	Commit Message					
	Secure Development					
	Architectural Aspects					
Quality Assurance	Test Process					
	Test Cases					
	Defects					
	Test Strategy					
	Metrics					
	Automation					
DevOps	Artefact Management					
	Configuration Management					
	Infrastructure Management					
	CI/CD					
	Operational Support					
	Access Management					

Maturity assessment framework



Rapid Delivery Assessment Resource Plan (Indicative)

ROLE	FOCUS AREAS	ALLOCATION (%)				
		W0	W1	W2	W3	W4
ASSESSMENT LEAD	Overall orchestration of work. Focus on OKR/metrics; value management; org taxonomy; governance, & ecosystem alignment.	0.5	1	1	1	1
ENGX360 / AGILE EXPERT	Value stream / delivery pipelines visualization; SDLC / Agile frameworks	0.5	1	1	1	1
SOLUTION ARCHITECT / DOMAIN EXPERT	Focus on architecture / technology roadmap, and technical capabilities to support it.	0.5	1	1	1	1
BUSINESS CONSULTANT, PRODUCT MANAGEMENT / INTAKE EXPERT; TEST AUTOMATION EXPERT, OPS & SUPPORT EXPERT, TBD		0.5	1	1	1	1
TOTAL: 720 hours		80	160	160	160	160

- Team works together; focus areas are indicative/initial. EPAM can redistribute hours between experts.

Summary & Commercials

ASSESSMENT TYPE	DURATION (TIME-BOXED)	SCOPE	TEAM (INDICATIVE)
Full	8 weeks + week zero	Full enterprise. Deep data analysis; detailed recommendations / roadmaps	10 experts
Rapid	4 weeks + week zero	Medium IT organization (or a division) Deep dive into data; high-level recommendations.	4 experts (~720 hours)
Express	2 weeks + week zero	Small organization / team. No detailed recommendations. No deep data dive	2 experts (~200 hours)

STRONGLY RECOMMENDED



Metrics: OKR/KPI pyramid



Value Streams & Delivery pipelines



Value management



Org structure, governance and ecosystem



Product management



Architecture



Development



Testing



SDLC & [Agile] Framework



DevOps



Security

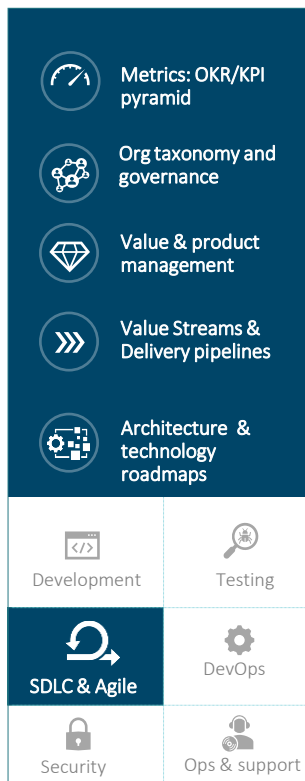


Ops & support

OPTIONAL: BEST PRACTICES

Transformation Roadmap: Case Study

Support IT Head of a major European retailer in defining the IT Target operating model and architectural roadmap



ENGX360 TEAM	SCOPE
EngX360 lead	<ul style="list-style-type: none">Overall coordination.OKR / metrics pyramid.Org taxonomy and governance.
Product management expert	<ul style="list-style-type: none">Business context, challenges, and vision.Business and IT alignment.Product and value management
Enterprise Architect	<ul style="list-style-type: none">Detailed Architecture roadmap for the next 3 years
Delivery Lead	<ul style="list-style-type: none">Value streams and delivery pipelines modelsSDLC and Agile framework (SAFe/Scrum)
Data Engineering expert (part time)	<ul style="list-style-type: none">Data strategy / roadmap

5 weeks (remote) work with IT and Business stakeholders: connecting business aspirations to the technology roadmap and operating model

Additional Training Workshops and Coaching Tools (to Choose From)

MINDSET

- Framework agnostic core Agile principles and values
- Product mindset
- Continuous Improvement
- Theory of Constraints

FRAMEWORKS

- Scrum
- Kanban
- SAFe
- Lean
- XP
- Estimation
- Requirements
- Effective Retrospectives

PRODUCT OWNER

- Product Vision
- Maximizing ROI
- Road Map
- Value Stream Mapping
- Backlog Management
- Release Management

SCRUM MASTER

- Facilitation
- Removing Roadblocks
- Self-organizing team
- Scaling
- Limit WIP
- PSM Training
- Stakeholder Management

ENGINEERING EXCELLENCE

- SW Engineering Bootcamp
- TDD
- CI/CD
- Automated testing
- Pair Programming
- Clean code
- Everything as code

COACH DEVELOPMENT

- Team Dynamics
- Growing trust
- Motivation
- Resolving Team Dysfunctions
- Powerful questions
- Train the Trainer

Managed Support Services: Robust Platforms To Ensure Delivery & SLAs

SECURITY AND RELIABILITY ARE TOP PRIORITY

EPAM's Zero Trust Network enables secure access to the right corporate resources, for the right individuals, when they need it, on the platforms of their choice throughout the enterprise: private or public – reliably.



MANY SAY THEY CAN SELL PRODUCTIVITY –WE ACTUALLY CAN



UNDERPINNED BY OUR TELESCOPE AI PLATFORM

Our Remote, Secure, Reliable & Continually Optimized Productivity Platform



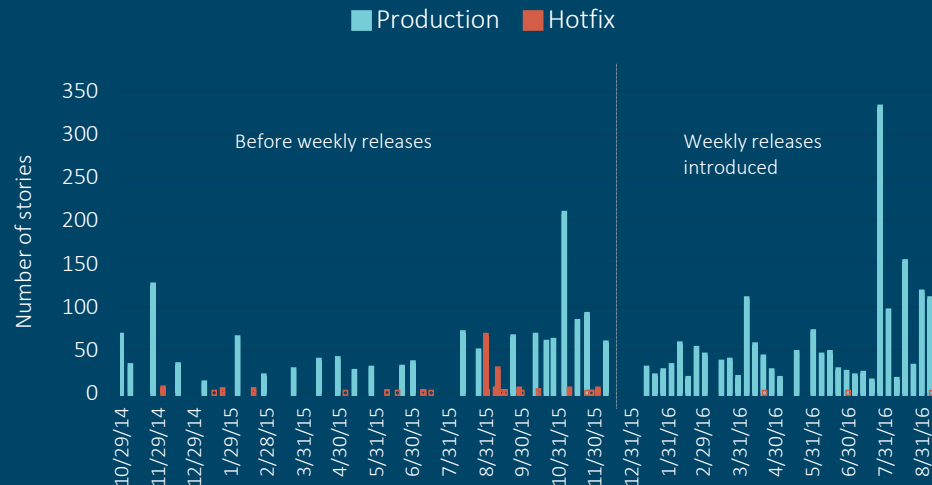
Telescope



Rapid Delivery Assessment: Case Study #1

Focus on Release frequency / Flow optimization

- 4.5 hours vs 14 days environment creation time
- 3 hours vs 40 hours production data cut time
- 40% optimized infrastructure (AWS instances)
- 3.5 times more features released
- 63% less critical issues



Rapid Delivery Assessment: Case Study #2



Problem Statement

- Reduce time from code freeze to production
- Enforce quality practices along the whole release cycle
- Ensure cost efficiency of quality assurance



200 engineers



1 product

48%
rework

Assessment

Team: 5 people

Time: 5 weeks

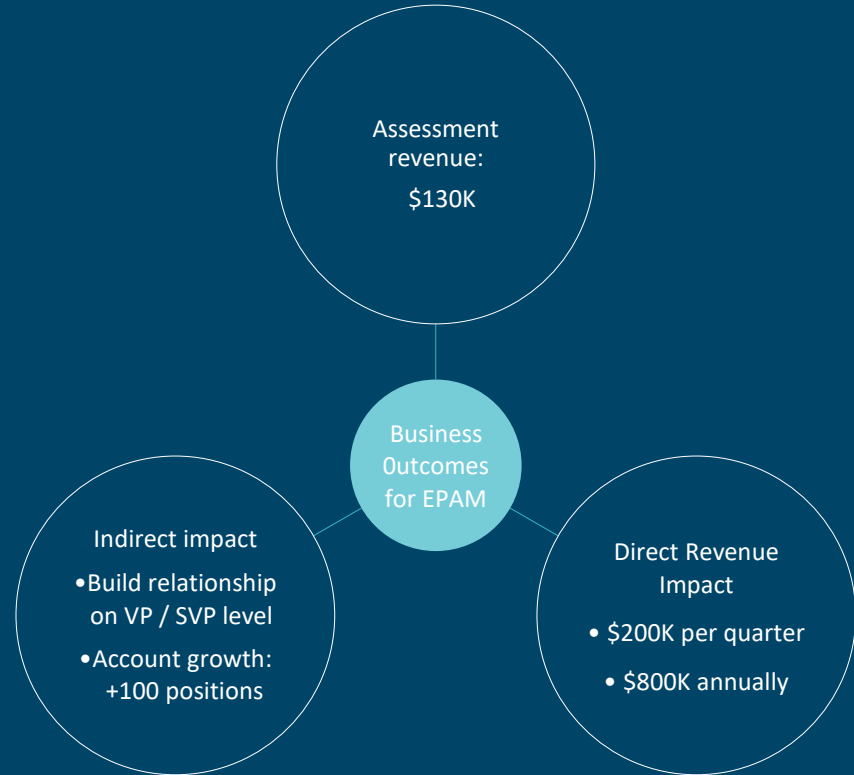
Deliverables: As-Is and To-Be models



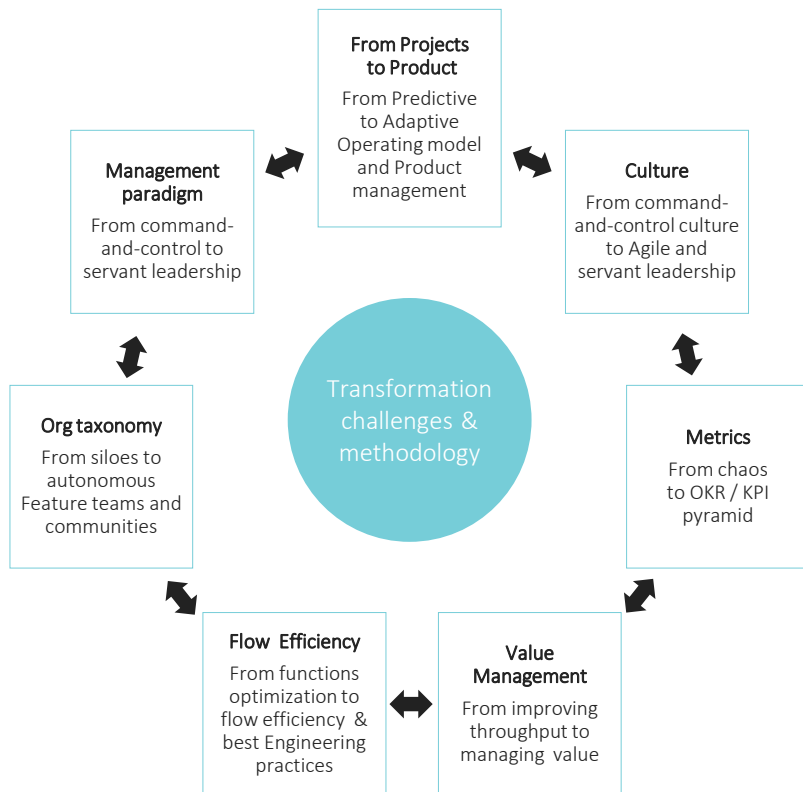
44 interviews
9 workshops



Dozens of artifacts and
data sourced reviewed



Rapid Delivery Assessment: Case Study #3



Key goal: to equip HAVI team with working knowledge of [foundations of] an operating model



Workshop conducted



Attendance: key IT leaders, key Product managers / business + CIO (one day)



Excellent engagement and feedback
This is just the beginning!

