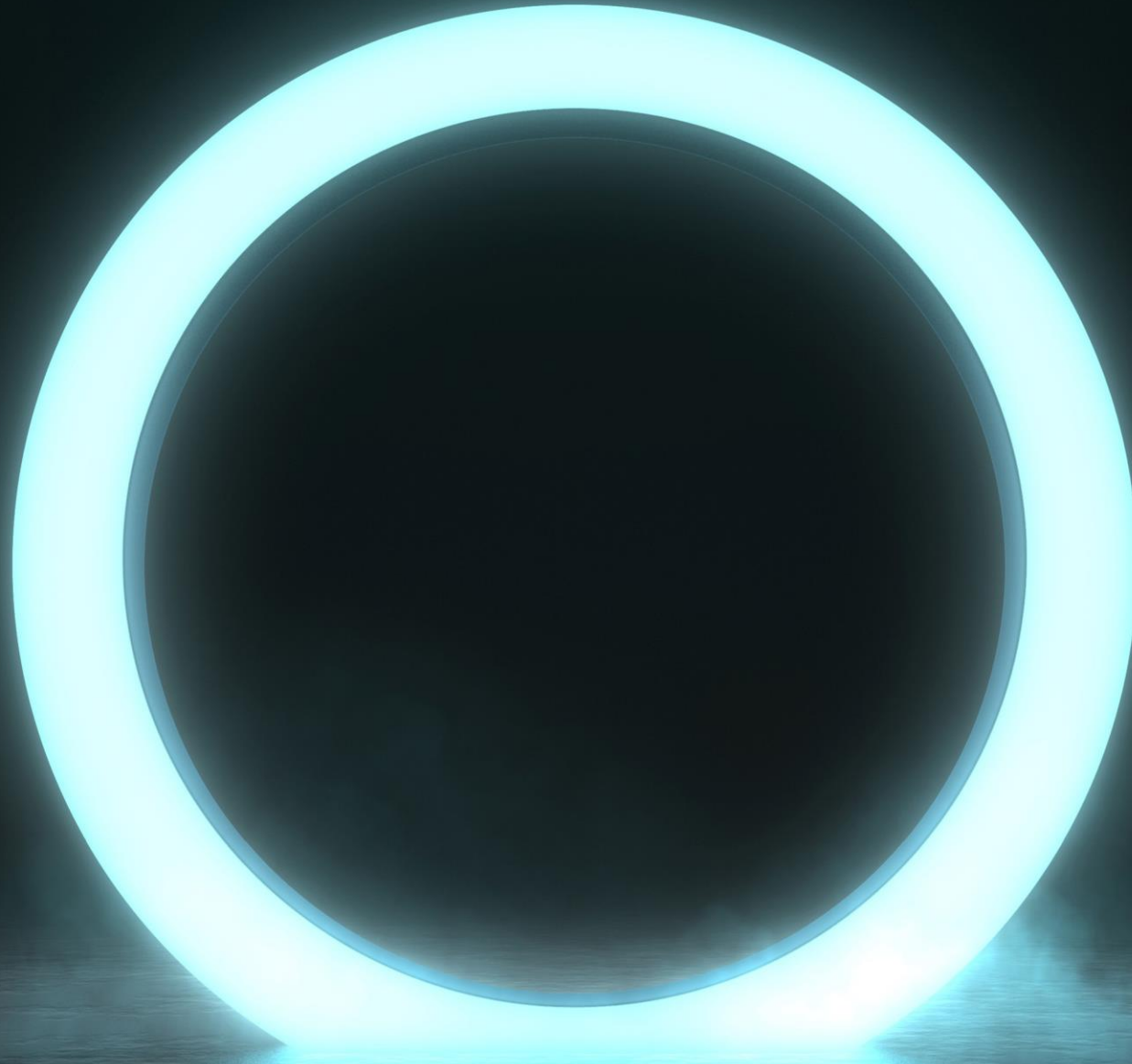




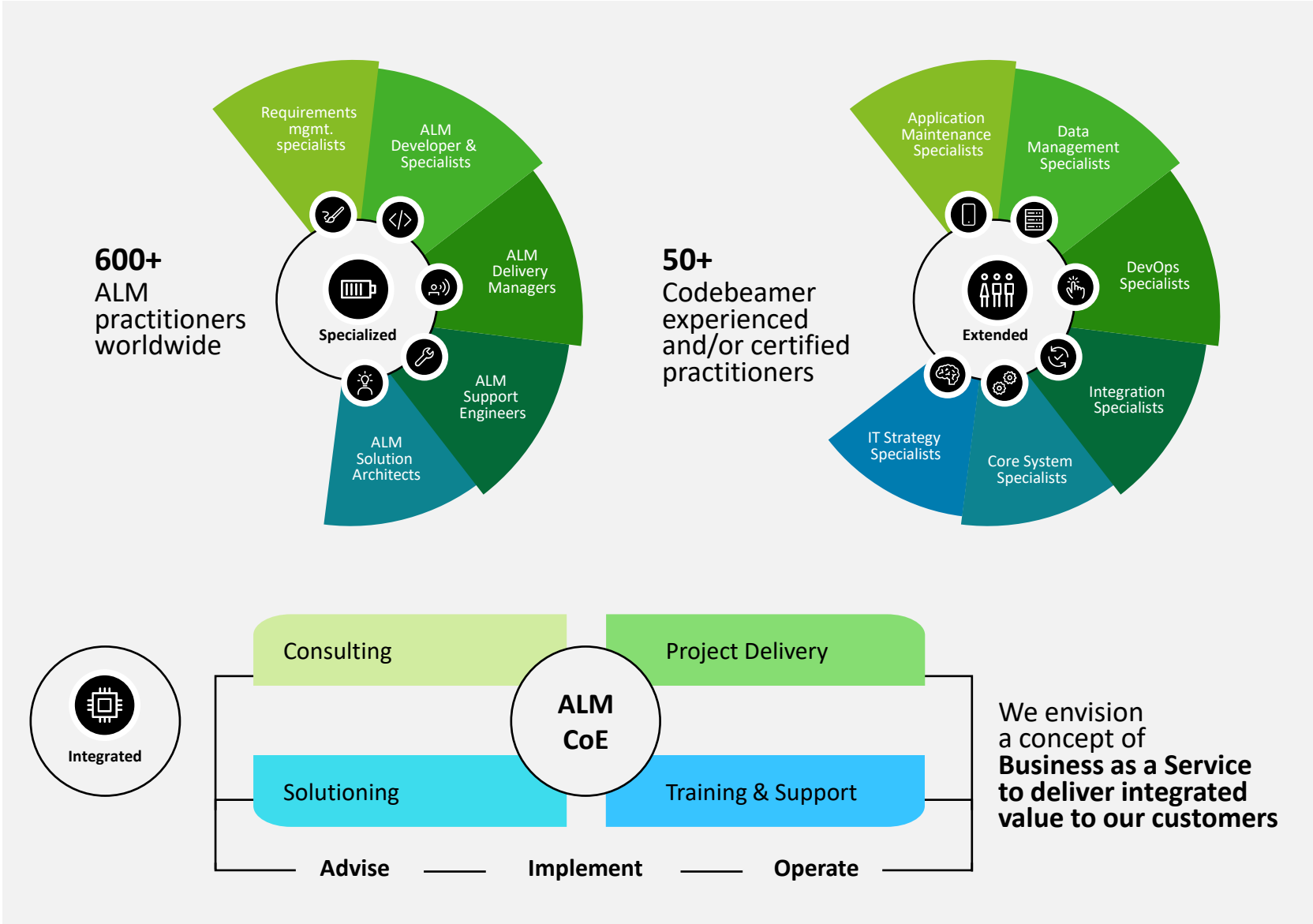
Revolutionize ALM

Deloitte Consulting 2023



Deloitte's ALM Codebeamer Offering

- **Application Lifecycle Management Center of Excellence (CoE) for Codebeamer**
- **Deloitte ALM CoE is centered in Germany**, our combined EMEA team of over 100 people are dedicated to ALM technologies
- **Global Deloitte network of over 600 ALM experts**



Transformation Vectors – A technology perspective

Companies are **pressured by technology trends** to enable systems & software-driven product innovation and modularization of complex systems of systems.

We identify 4 areas where ALM can help harness and leverage the full potential of enterprise excellence.



Manage complexity

Managing product configurations and engineering changes with efficient impact analysis and strategic re-use



Develop products interdisciplinary

Integrating HW with SW development improves efficiency and accelerates innovation for cyber-physical products



Improve quality & reduce risks

Traceability from requirement to test case and execution provides transparency and a digital thread in engineering



Stay compliant with regulations

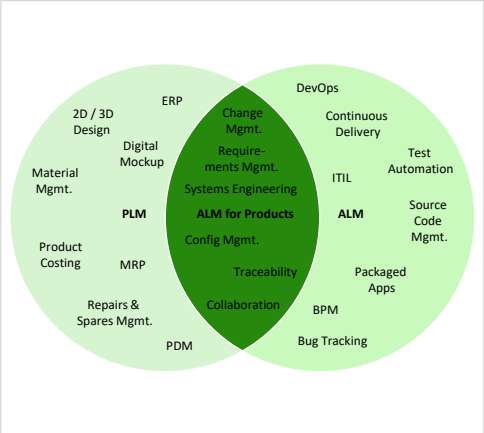
Build in support and templates for standards (e.g.: ISO 26262, ASPICE, GAMP 5, DO-178C) for fast time to value and audit proof reporting

Revolutionize our customers product development landscape

Enabling customers to innovate quicker and with less risk while reducing efforts of managing an increasing complex portfolio.

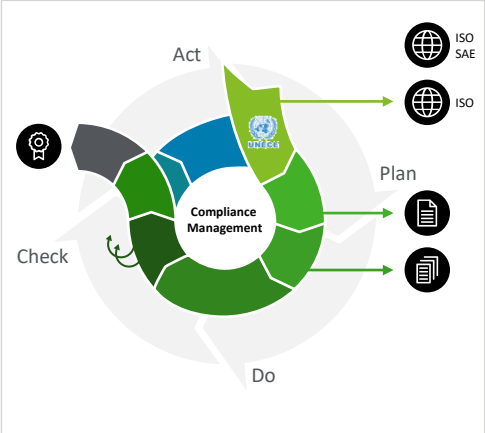
ALM and PLM convergence

End-2-End process and ALM system integration incl. interfacing with PLM for effective product development **connecting departments across disciplines to accelerate innovation and reduce costs.**



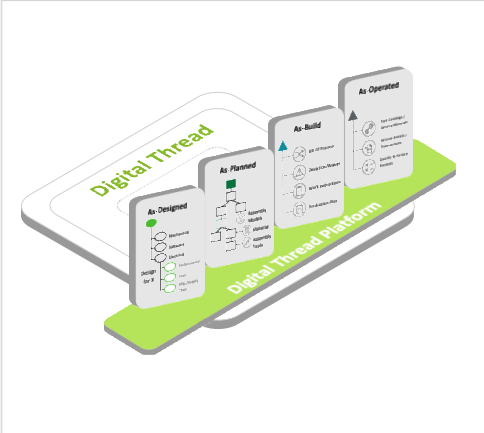
Comply with regulations

Efficiently proof **compliance with regulatory standards** using templates and reduce risk while assuring **quality from requirement to validation** of products across all configurations / variants.








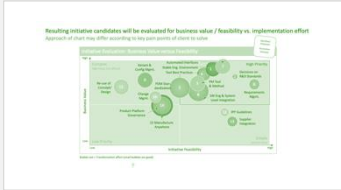
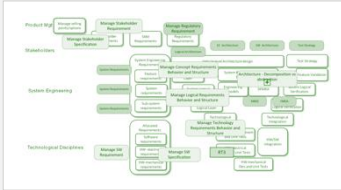
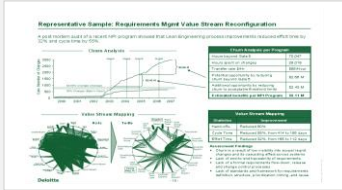
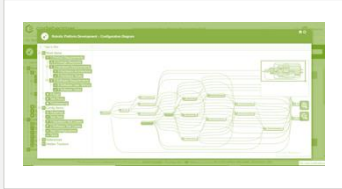
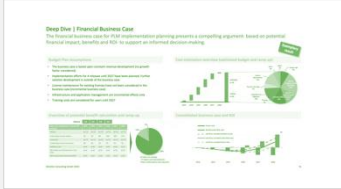

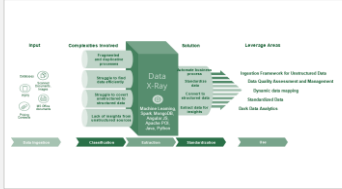
Traceability throughout the whole product lifecycle

Enabling **efficient updates / maintenance** of products after sales with **full trace-ability from requirement to feature** while **maintaining compatibility** of newly developed SW with HW.



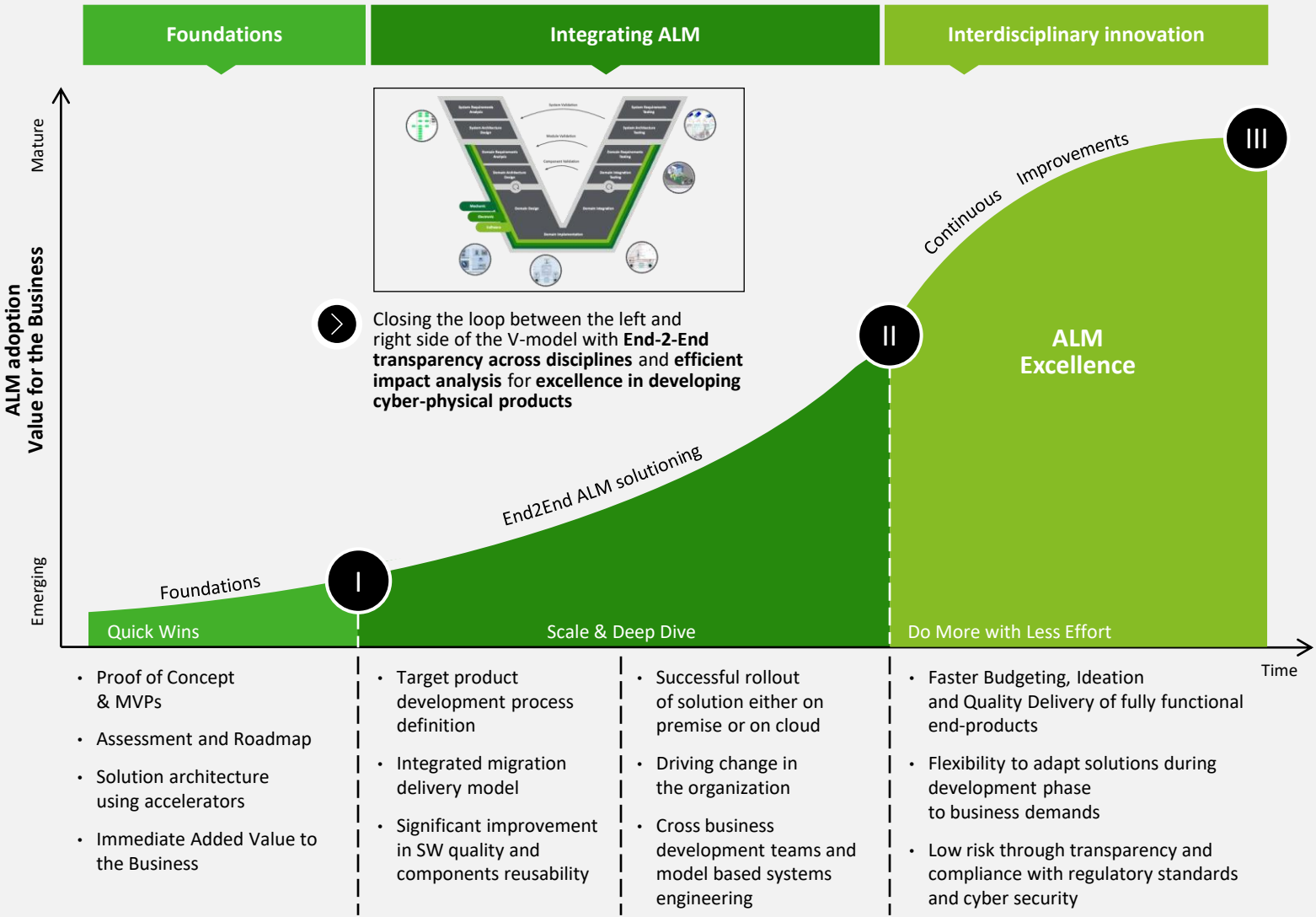
We have built

a comprehensive service offering portfolio around all topics related to ALM.

 Software Factory	 Assessment & Roadmap	 Project Delivery	 Specialized Services
<ul style="list-style-type: none">➤ Solutions Prototyping➤ Scalable Cloud Environment➤ PoCs for Customer Use Cases	<ul style="list-style-type: none">➤ Business Model and Business Case➤ Strategic Roadmap➤ Target Architecture	<ul style="list-style-type: none">➤ Project & program management➤ Process Consulting➤ System Integration & Migration	<ul style="list-style-type: none">➤ Deloitte PLM Template➤ Change Management➤ Training & Enablement
			
			

Deloitte's Approach to Codebeamer Implementation

Our waves approach to **ALM Excellence** covers from early inception and foundations setup to **develop an End2End solution**, prior to the establishment of a solid on **continuous service improvement focus**.





Christian Ewertz

Director

Lead PLM/ALM

cewertz@deloitte.de



Tino Krüger

Partner

Lead Partner PLM/ALM

tkrueger@deloitte.de



Christoph Schiessl

Senior Manager

PTC Partner Manager

cschiessl@deloitte.de



Thomas Hülser

Senior Consultant

Lead ALM

thuelser@deloitte.de

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