



CIMDATA 2024 NORTH AMERICA ROADMAP

PTC'S ALM & PLM: THE ENGINEERING DIGITAL THREAD

ALM Segment

Sylvia Vollerling
Product Marketing,
Senior Director

Emily Hartman
Product Management,
Director

May 8th, 2024

PLM Road Map™ & PDT North America 2024
Value Drivers for Digitalization of the Product Lifecycle
Insights for the PLM Professional—Why the investment, what are the returns,
and how are they achieved?
May 8 & 9

CIMdata **-eurostep-**

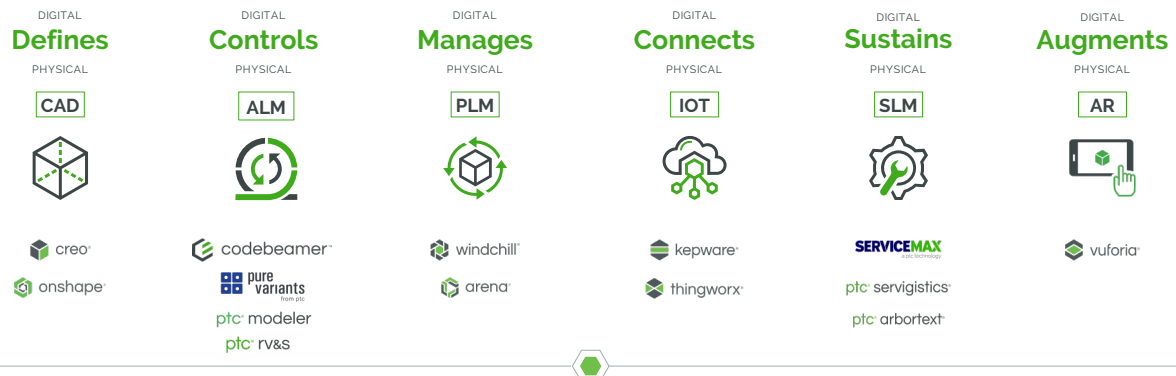


ENGINEERING DIGITAL THREAD STRATEGY & EXECUTION

AGENDA

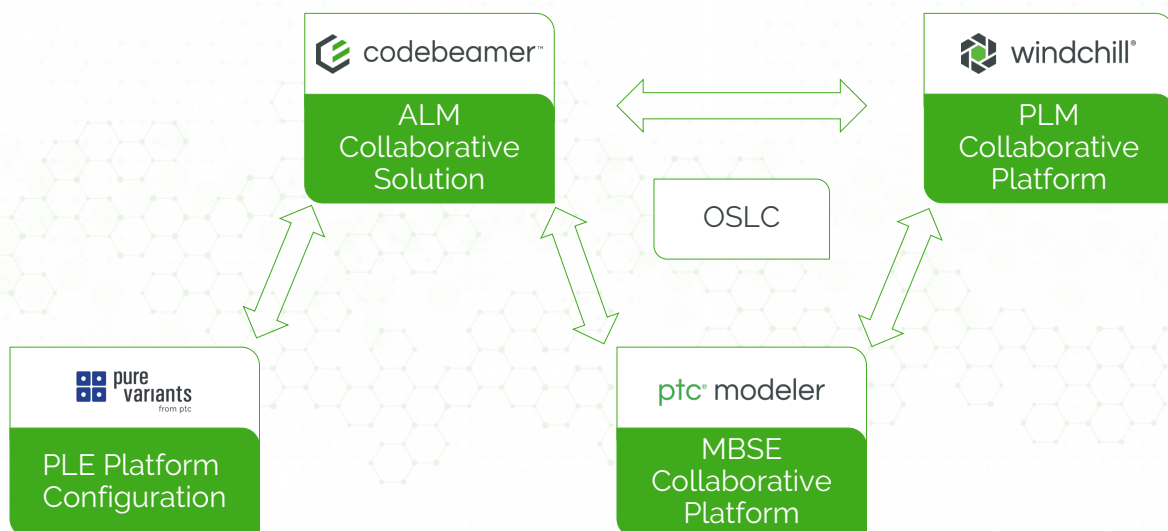
2

THE DIGITAL THREAD: PLM & ALM ARE VITAL COMPONENTS



3

PTC'S ENGINEERING DIGITAL THREAD



4

PTC'S ALM PRODUCT PORTFOLIO

ALM Product Line Engineering

ALM Requirements, Risk & Test Management

ALM Agile Software Engineering

ALM Requirements Interchange

ALM Source Code Management

MBSE Model-based Systems Engineering
Simulation, Software Modeling

pure
variants
from ptc

codebeamer™

Requirements Connector

ptc® rv&s

ptc® modeler

5

KEY CAPABILITIES

Modern, Integrated,
Connected ALM



Software
Engineering Support
& Integrations



End-to-end
Traceability



Strong Support for
Agile Development
at Scale



Collaborative
ALM



Ready to Use
Templates & Template
Management



Variability &
Strategic Reuse



6

PTC'S ALM ROADMAP & STRATEGIC OBJECTIVES



Customer & Market Driven: Collaborative & Research-based Roadmap Planning



Key Features: Working Sets, Templates, Review, Agile & Audit



Modern & Intuitive User Experience: The best of Codebeamer, CodebeamerX & PTC



Performant, Scalable & High Quality: Enterprise Capable



PLM, PLE & MBSE: Seamless Windchill PLM/SCM, pure::variants & PTC Modeler integration



Open & Integrated: ReqIF, REST, OSLC – Toolchain, Peer-to-Peer, CI/CD & Source



Codebeamer+: Codebeamer delivered as SaaS



This slide contains forward looking information that is subject to change at any time at PTC's sole discretion and without notice.

DOWNLOAD CIMDATA COMMENTARY



Enterprise ALM Accelerates the Pace of Innovation

Key Takeaways

- Modern virtual engineering ecosystems keep regulations and safety standards visible ensuring compliance throughout the complete lifecycle.
- Concurrent, end to end requirements traceability ensures regulatory compliance and speeds development and upgrades.
- PTC's Application Lifecycle Management (ALM) solutions enable end users to capture system requirements to drive design, analysis, and verification of multi-disciplinary system models.
- PTC's enterprise ALM solution portfolio (codebeamer, pure::variants, Modeler, and RV&S) powers Model Based Systems Engineering (MBSE), Requirements Management (RM), Product Line Engineering (PLE), Variant Management (VM), Test Management (TM), and more.
- VW and BMW have recently selected PTC for their broad ALM capabilities.



<https://www.ptc.com/en/resources/application-lifecycle-management/report/enterprise-alm-accelerates-innovation>



THANK YOU

[ptc.com](https://www.ptc.com)

