

YOUR PRESENTER



Dr. Peter Fassbinder

Principal Expert PLM Process Innovation Siemens Advanta Consulting

15+ years hands-on experience in Lean / Agile 5+ years transforming industrial & regulated organizations to Continuous Delivery & DevOps

Continuous Delivery & DevOps in Industrial and Regulated Environments Agile Scaling | Lean & Agile Leadership

Member of Advisory Board: Enterprise:Code 2020 Chairman: Delivery of Things World 2019, Agile PEP Minds 2019, Enterprise:Code 2020 Multiple keynotes, presentations and papers at international conferences

Certified Scrum Master | Certified SAFe Agilist | Certified DevOps Culture Trainer



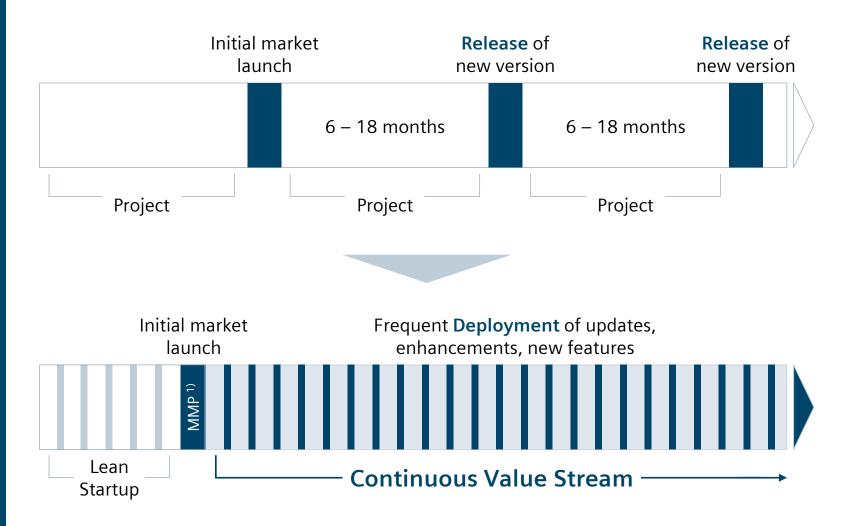
STOP THINKING PROJECTS

START THINKING CONTINUOUS VALUE STREAM



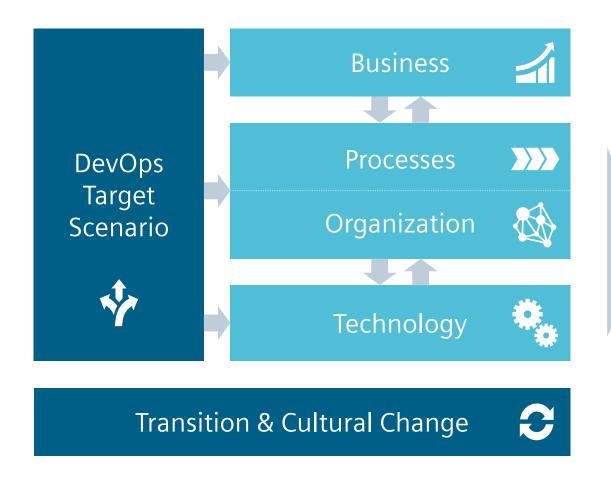
Continuous / frequent deployments implies a shift from projects with discrete releases to a

CONTINUOUS VALUE STREAM TO YOUR CUSTOMERS





Establishing Continuous Delivery and DevOps requires a targeted, organizational transformation





CONTINUOUS QUALITY ASSURANCE

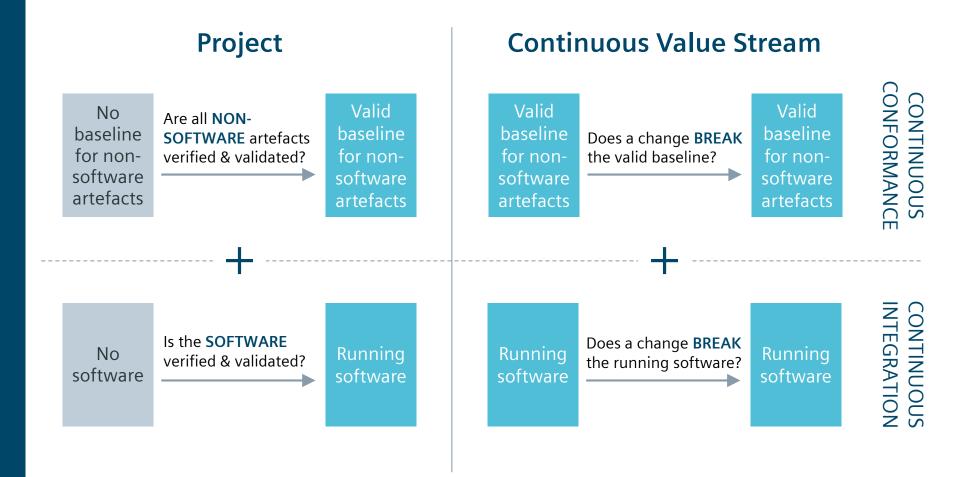
FOR A CONTINUOUS WORLD



Applying a successful mantra from software – beyond software

GREEN TO GREEN

or continuous everything





Deploying software requires not only Continuous Integration, but also Continuous Conformance

CONTINUOUS PROGRAM

Ensures DEPLOYMENT INDEPENDENT activities are addressed for the product

CONTINUOUS MARKETING

Ensures MARKETING activities are addressed at appropriate times

CONTINUOUS CONFORMANCE

Ensures the quality of NON-SOFTWARE artefacts



CONTINUOUS INTEGRATION

Ensures the quality of the SOFTWARE

CONTINUOUS DEPLOYMENT

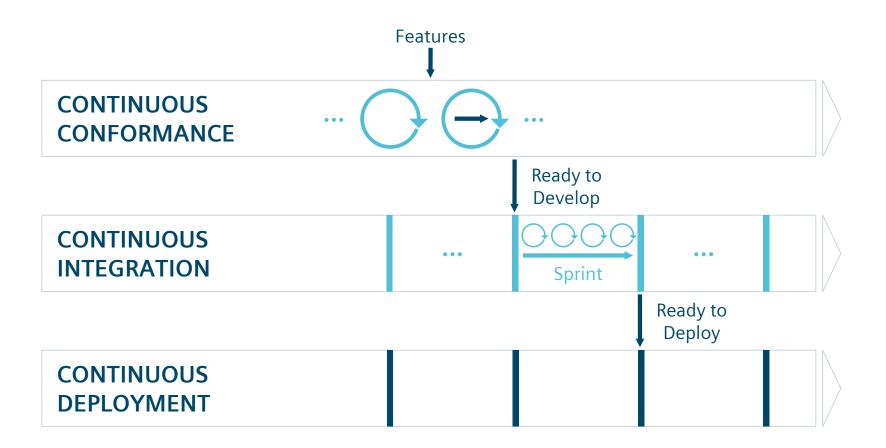
CONTINUOUS QUALITY ASSURANCE



SHIFT LEFT

FOR NON-SOFTWARE

Shift Left is a key success factor for all continuous aspects



Continuous Conformance enables high deployment frequencies, while ensuring industrial quality



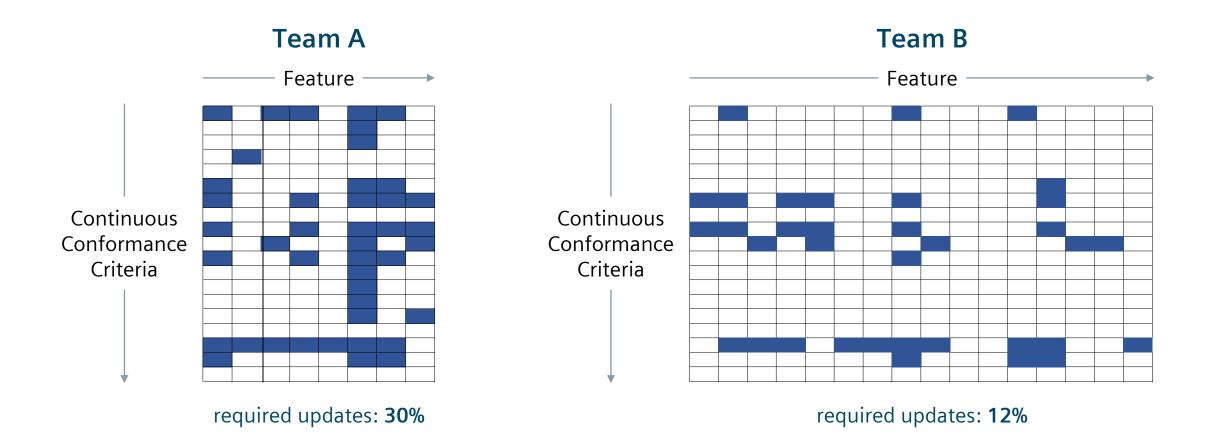
1) SAFe Program Increment

EFFICIENT MANAGEMENT

OF CONTINUOUS CONFORMANCE IS KEY



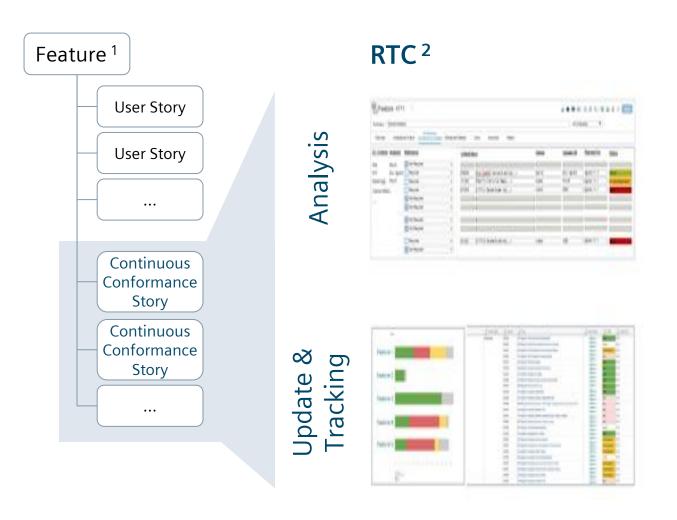
Continuous Conformance is manageable Example



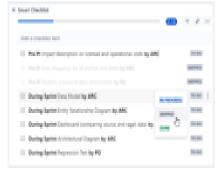




Management of Continuous Conformance in the standard tool chain is critical for success

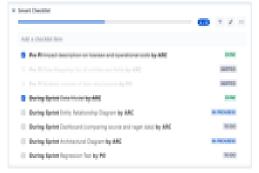


JIRA



Azure DevOps

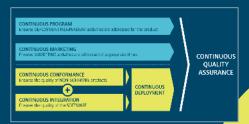






¹⁾ Example Requirements Breakdown, 2) IBM Rational Team Concert

Deployment Strategy Cont. Conformance Criteria Other Criteria



Tool Integration Cont. Conf. & Cont. Integr. Dashboards



QUALITY
ASSURANCE



Vision
Change Management
Coaching & Roll-Out

GREEN TO GREEN

SHIFT LEFT

SUSTAINABLE IMPLEMENTATION ON ALL LEVELS

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Roles & Responsibilities Meetings Processes

SIEMENS

Our customers want

PRODUCTS that GET BETTER EVERY DAY

they use them!

SAFELY, SECURELY and with

HIGHEST QUALITY!

– adapted from Jan Bosch



YOUR CONTACT

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Whitepaper: Continuous Delivery and DevOps in industrial environments
https://www.siemens-advanta.com/system/files/2020-09/Whitepaper_Continuous-Delivery_and_DevOps.pdf



The DevOps Enterprise Journal Spring 2022:

From Milestones to a Continuous Quality
Assurance Flow – Introducing the Continuous
Conformance Concept

https://itrevolution.com/free-resources-sign-up/