Organizing DevOps

Ordinance: **Agile Ready Systems**

Problem: **Data, Provision, Setup, Documentation, Complexity and Issues scale Exponentially**

Solution: **Process Improvement, Automation, Continuous Handoffs, Dual-Vee Good Automated Manufacturing Practice Hybrid**

Value: **Quality Integration, Efficient Execution, Incorporated Risk and Design Change Robustness**

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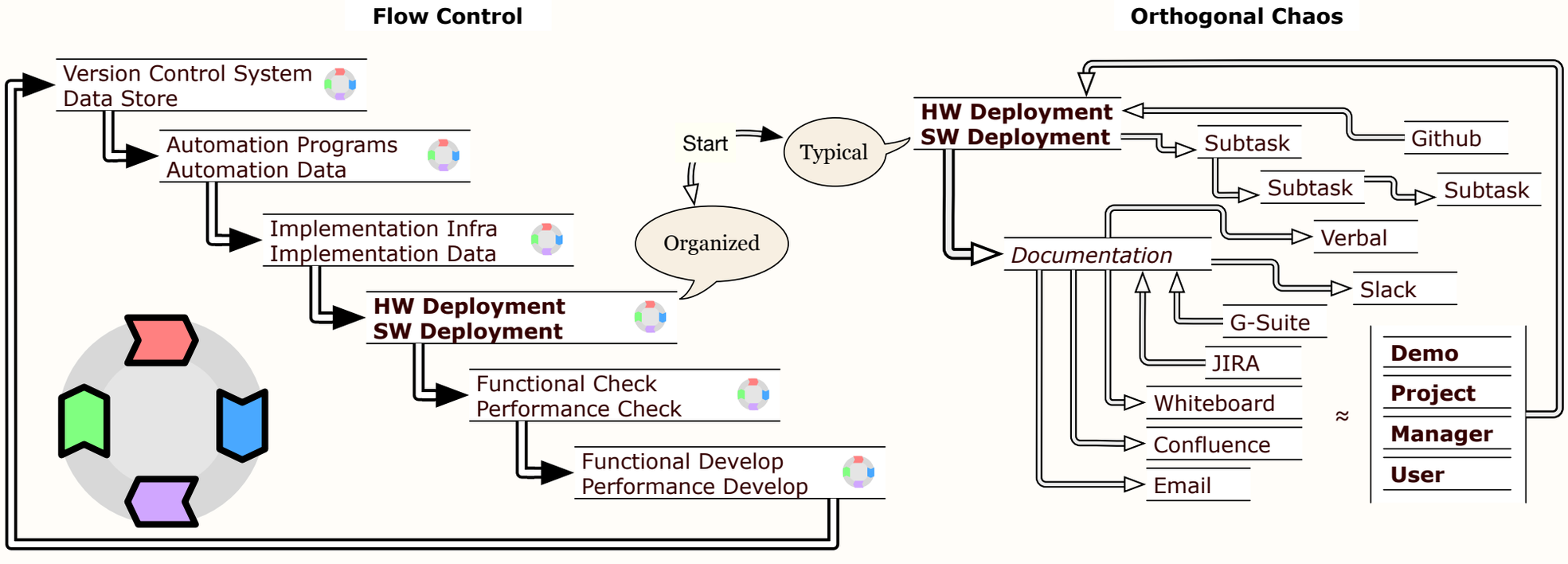
Integration and Bootstrap Development

Bootstrap, Flows, Configuration, Performance, Checks



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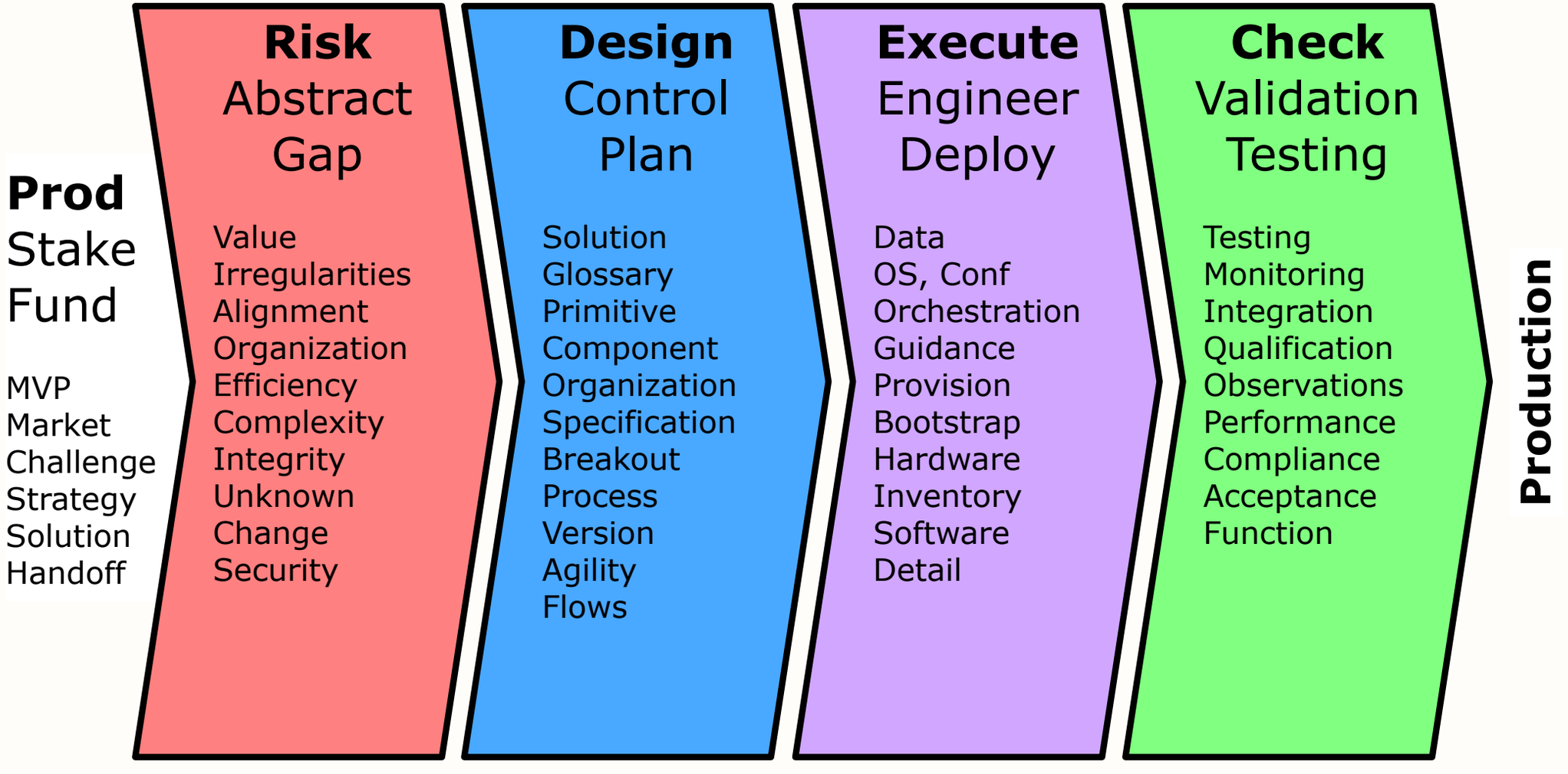
Four Phases of Product Detail



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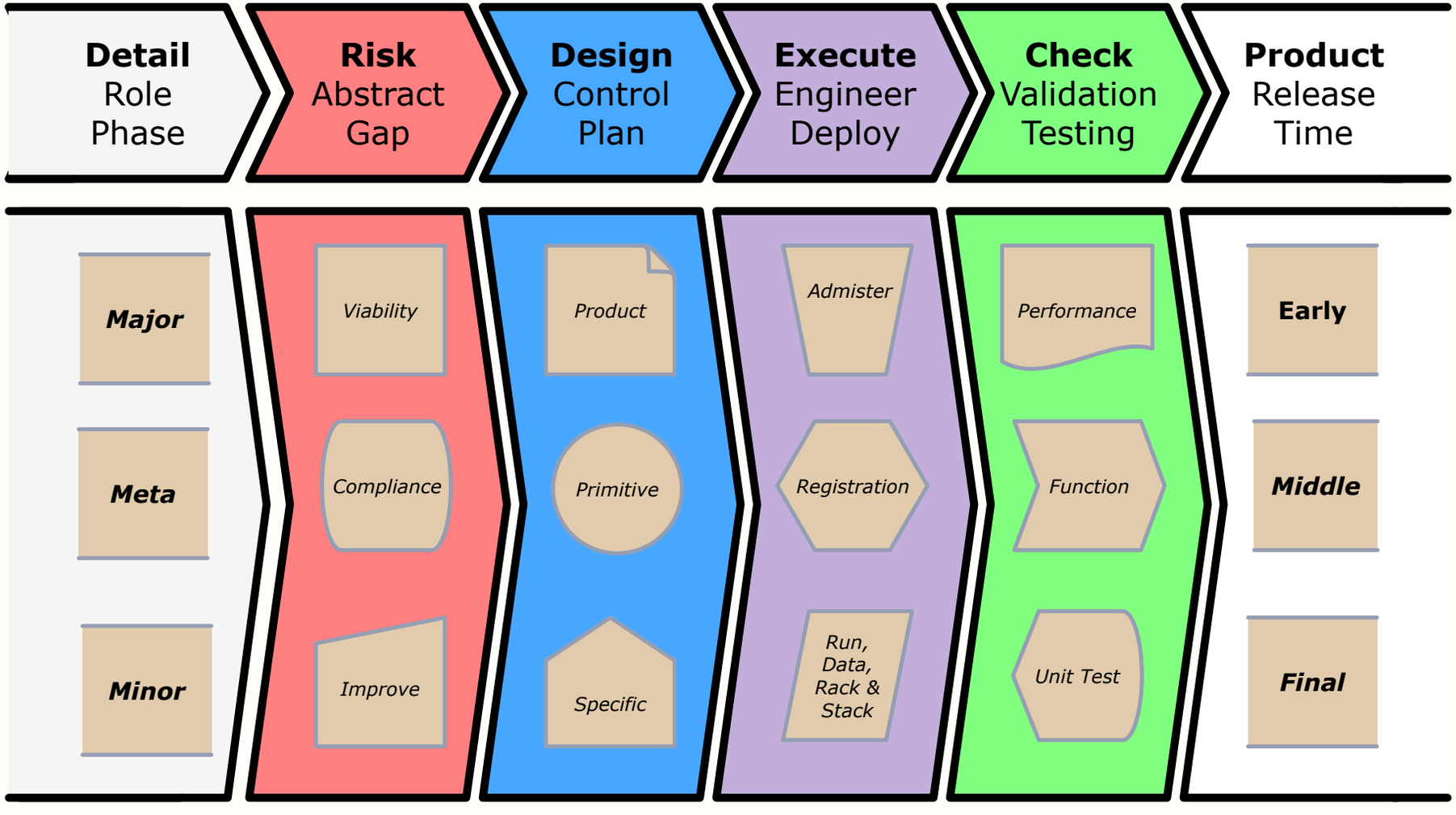
Continuous Railroad



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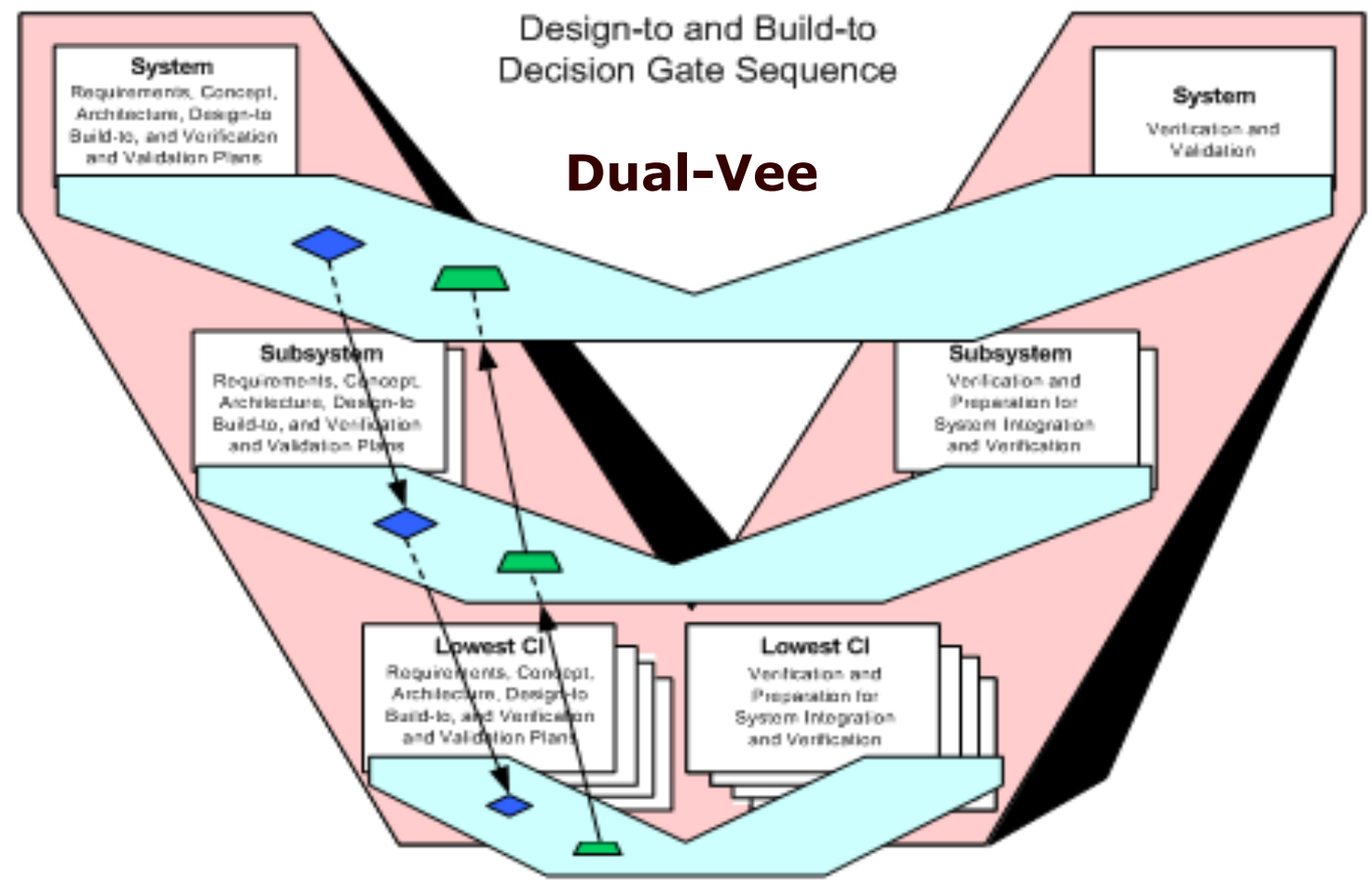
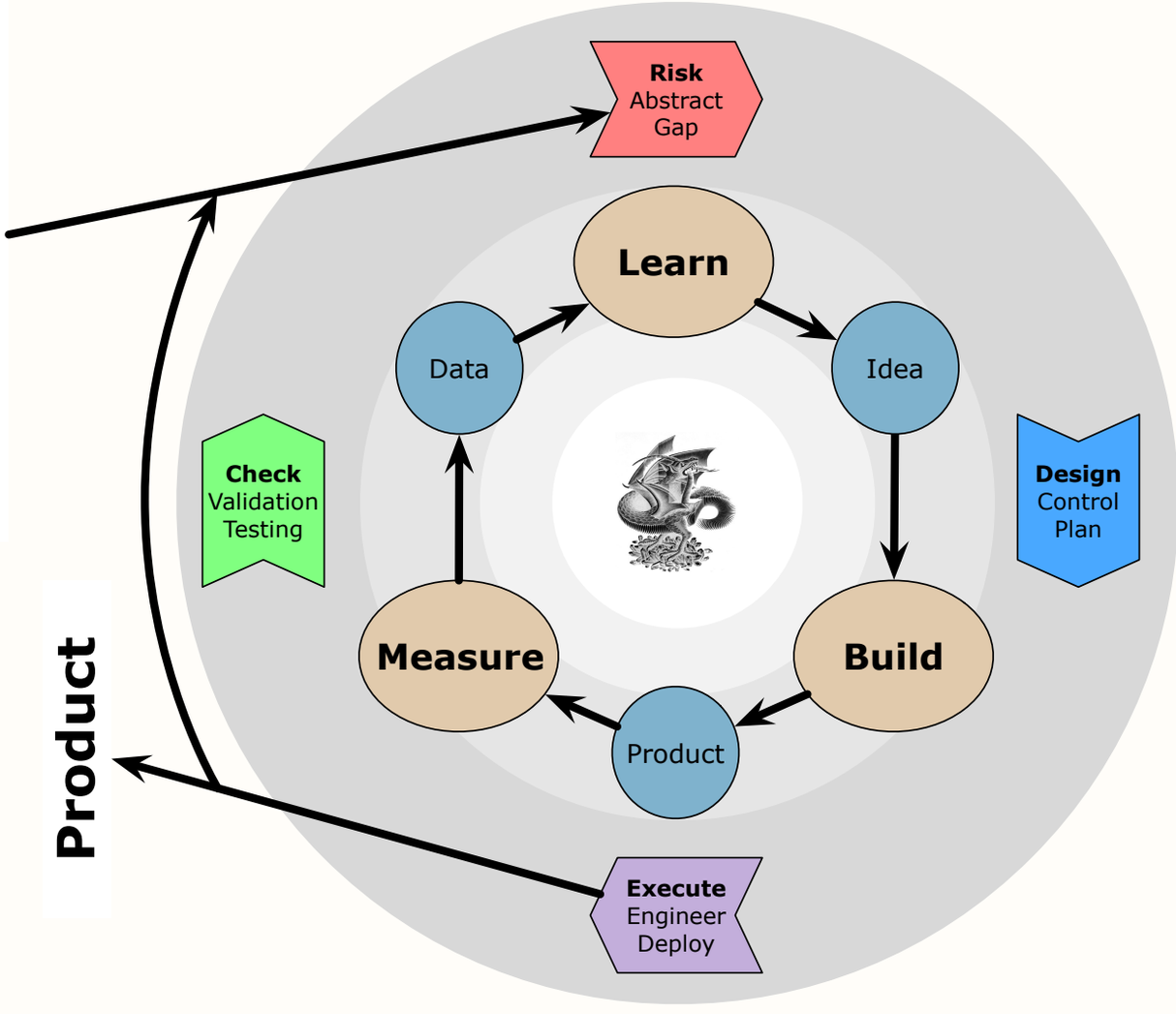


Source: Wikipedia Dual-Vee

Feedback Loop

Input
Stake
Fund

MVP
Market
Challenge
Strategy
Solution
Handoff



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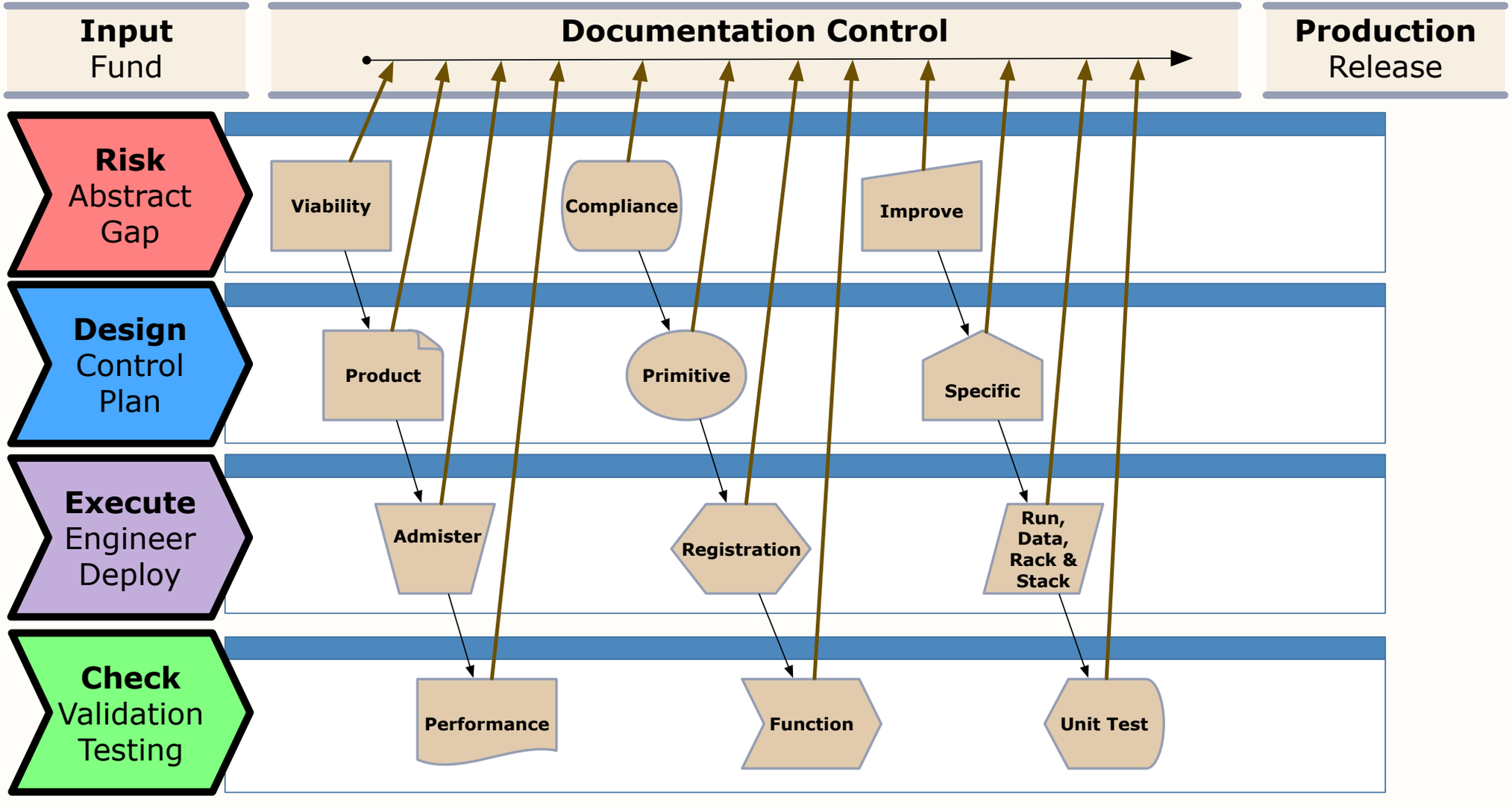
Simultaneous Swimlanes



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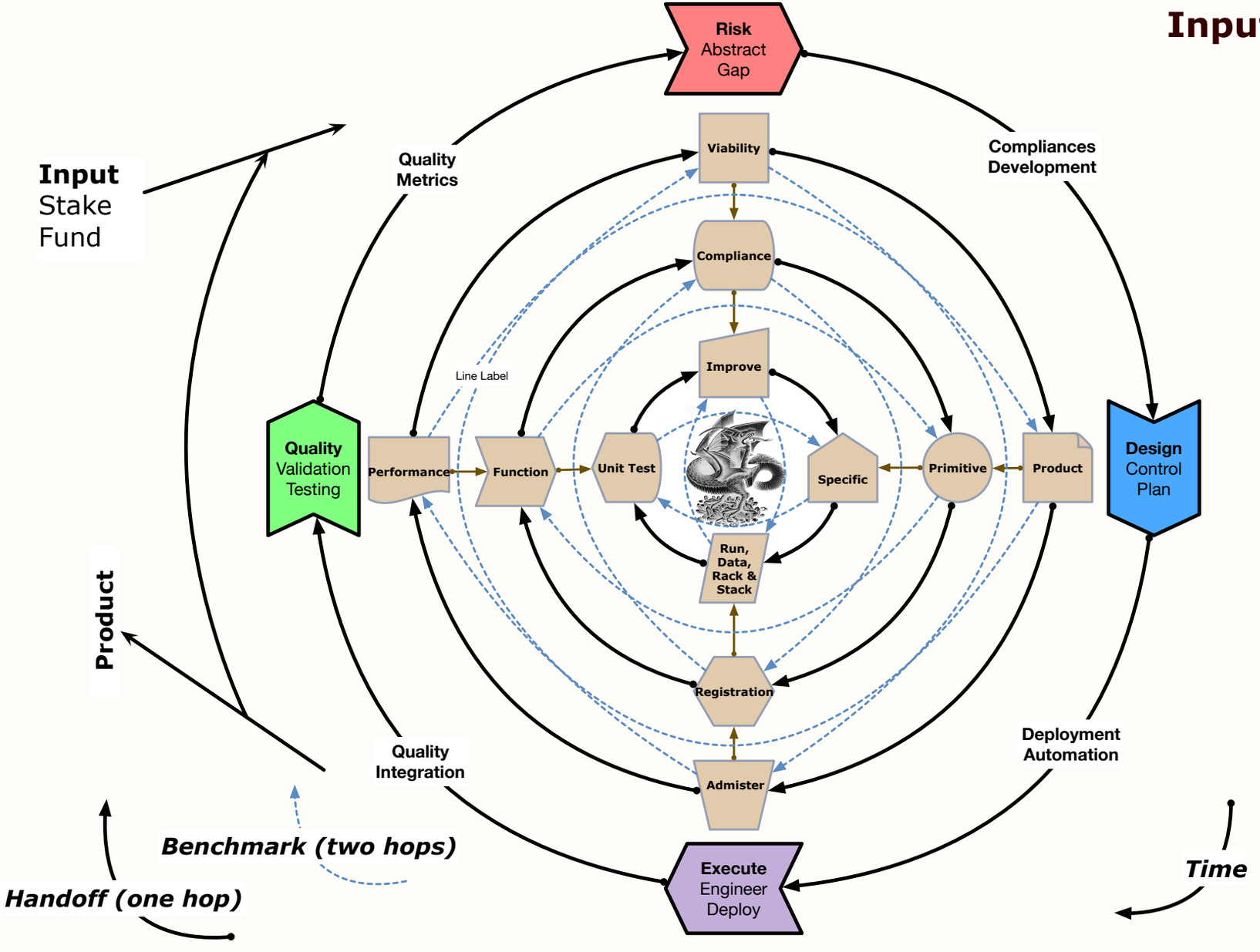
Input Cycle



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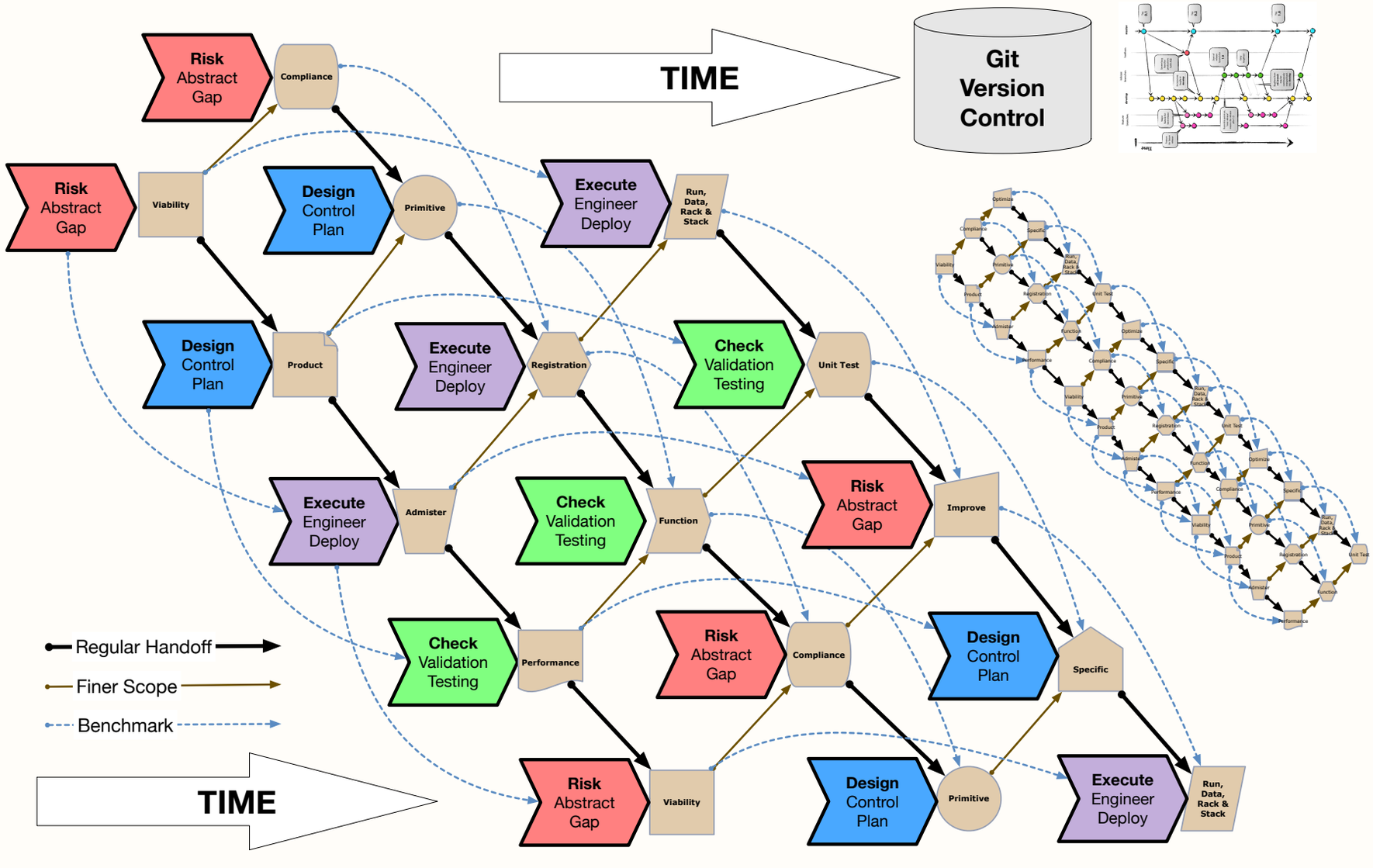
Readyness Entropy



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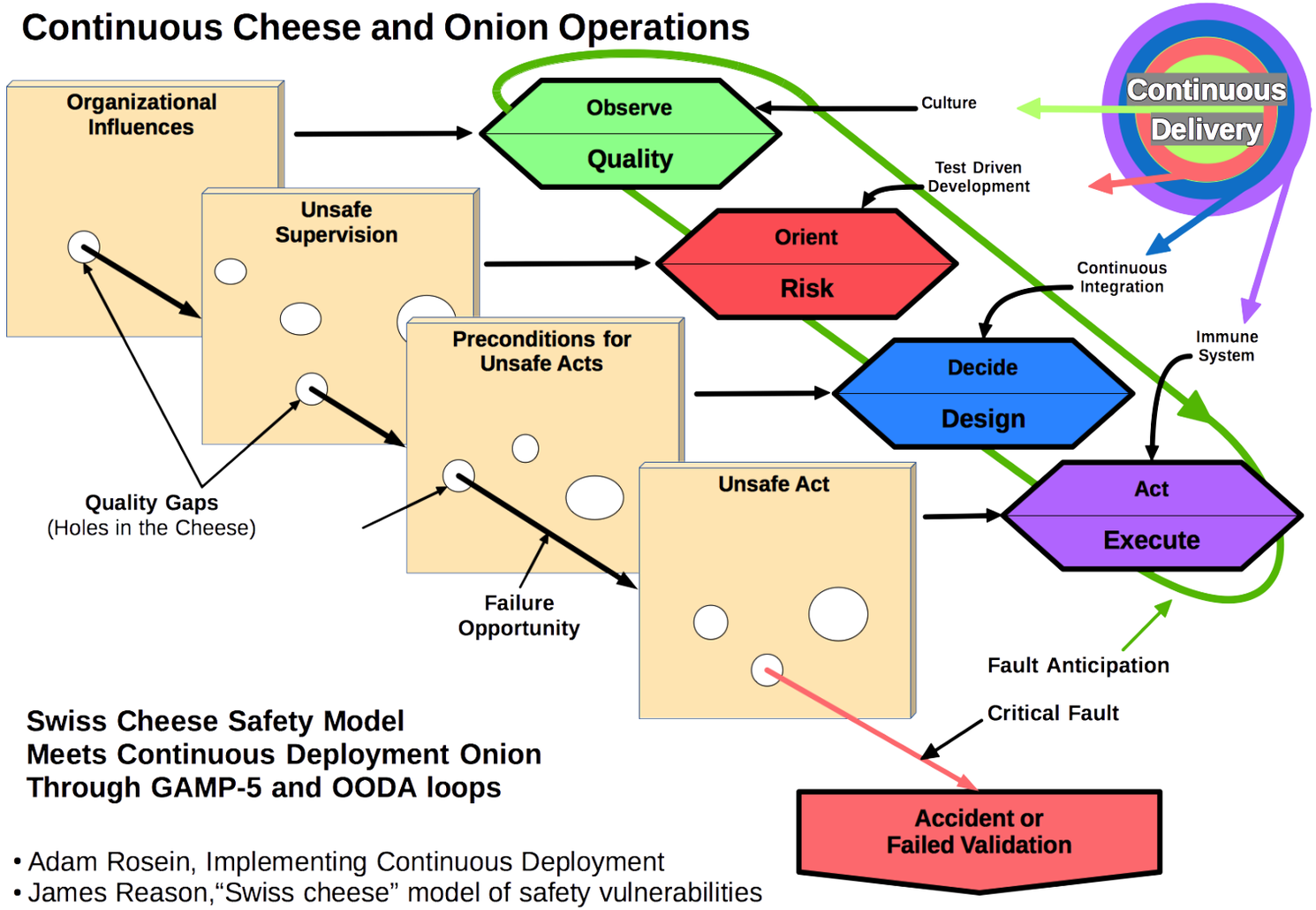
Continuous Cheese and Onion Operations



Swiss Cheese Safety Model
Meets Continuous Deployment Onion
Through GAMP-5 and OODA loops

- Adam Rosein, Implementing Continuous Deployment
- James Reason,"Swiss cheese" model of safety vulnerabilities
- John Boyd, "OODA Loop": observe, orient, decide and act decision cycle
- ISPE, GAMP-5: A Risk-Based Approach to Compliant GxP Validation

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