Proceeding Operations

The Unprecedented Process

Mandate: Ready Agile Systems

Ordinance: Deploy, Twin, Control, Scale, Change (Details, Systems, Duplication, Maintenance)

Solution: Mandate Risk Coherence, Requirement Based Assurance, Exception Prediction, Prevention, Narrative Control and Automation

Value: Efficiency, Improvement, Elastic Scope, Quality Validation and Robustness, Expectedness

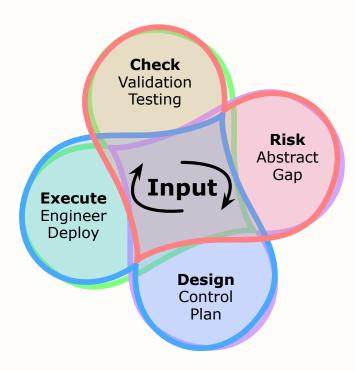
Eliminate Exceptions Success System

Tracing Minimum Objective Plan

Input/Mandate (**Objective**)



Design/Check (**Development**)



Execute/Risk (Operation)

Engineering Product/Operations

Outcome Fast-Forward

*	Successive Measured Improvement
*	Proceeding Ongoing Production
*	Production Mandate Improvement

Little's Law Overall improvement is the limit of process development value

Theory of Constraints Unconstrained systems have unlimited performance

Conway's Law Organization engineering twins the systems within the organization

Gold's Law Nothing goes as planned with contemporaneous production development

Campbell's law Indicators subject to influence, become initiators of change

Cobra Effect A solution attempt that makes the problem worse

Alan Kay Oxymoron

Minimum Adverse \ Scientific

Solutions Integration (Extemporaneous Best)

Minimum Production (Objective Operations)

ABC Evaluation (Risk Adverse)

Empirical Plan (Crowdsource, Multi-perspective)
Solution Reduction (Scope/Goal Alignment)
Last/Loudest Consensus (Best/Sum Reconciliation)

"Quick Work" Engineering (Minimum Viable)

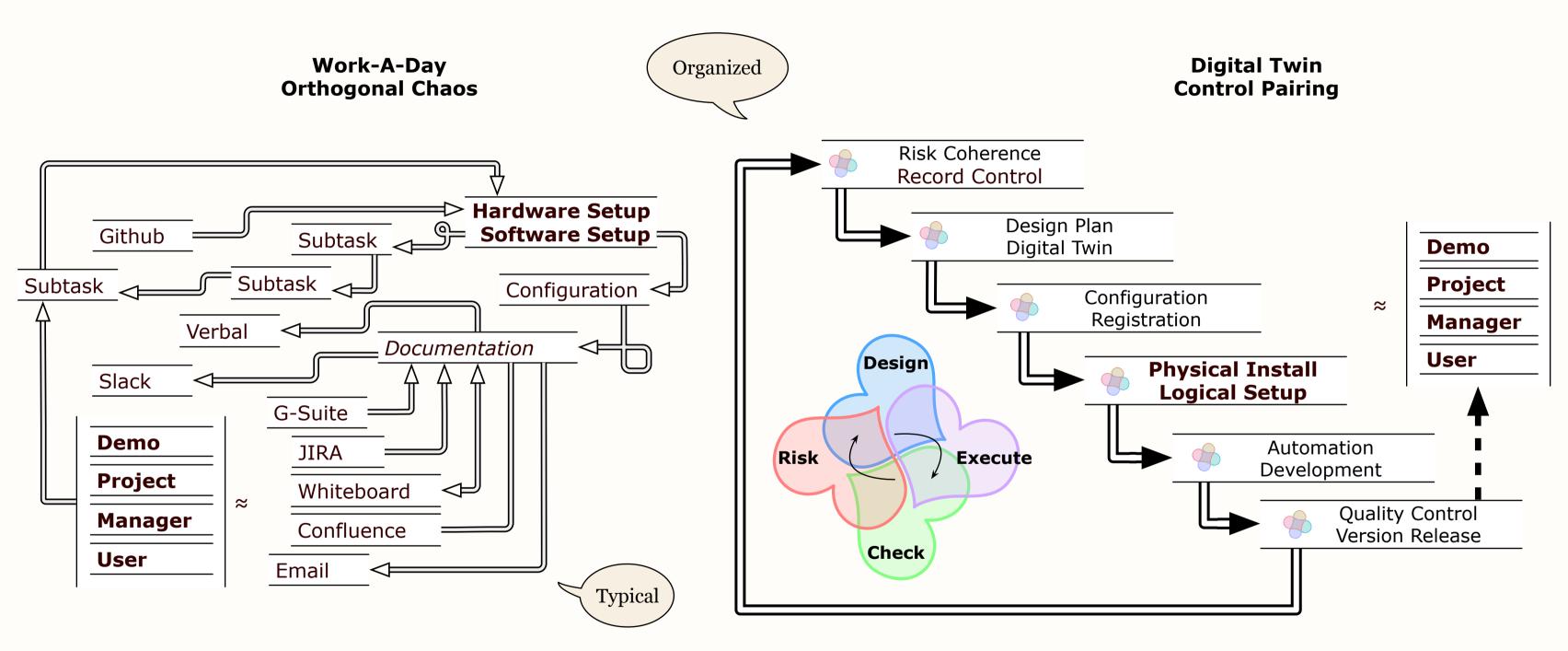
Operational Control (Objective Definition)
Tool Alignment (Development)
Purpose Built (Production)

Scientific Method (Risk Engineering)

- 1) Observe (-> Mandate)
- 2) Assert (-> Plan)
- 3) Hypothesis (-> Execute)
- 4) Predict (-> Check)
- 5) Test (-> Risk)
- 6) Iterate (-> Product)

Bootstrap Evolution

Deployment Improvement



Four Phase Process

Risk
Analysis
Gap
Value
Irregularities

Irregularities
Alignment
Organization
Efficiency
Complexity
Integrity
Unknown
Change
Security

Mandate

Design

Control Twin

Glossary
Primitive
Inventory
Orchestration
Specification
Guidance
Breakout
Process
Version
Flows

Execute

Engineer Deploy

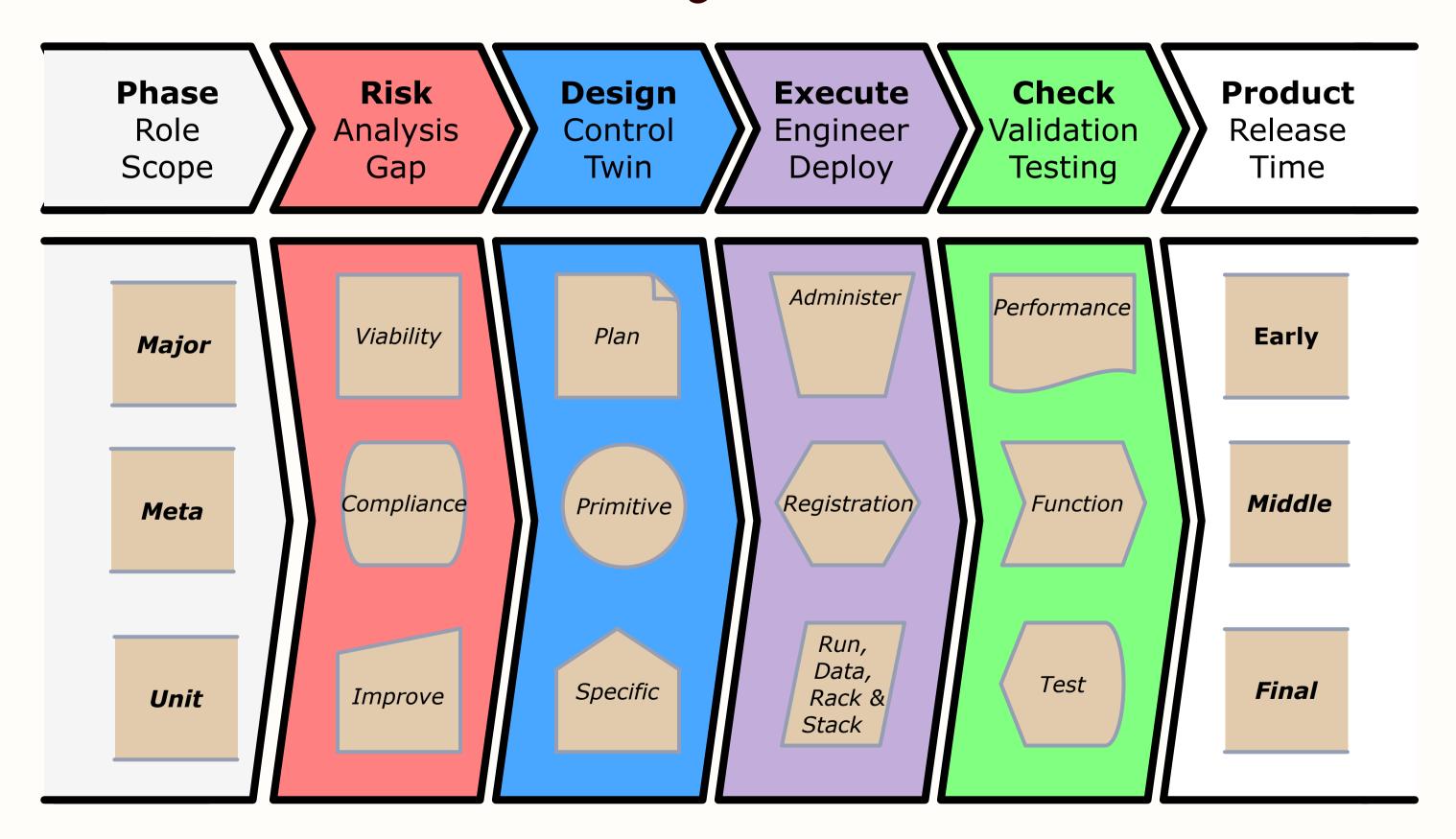
Data
Software
Bootstrap
Component
Solution
Systems
Automation
Hardware
Provision
Agility

Check

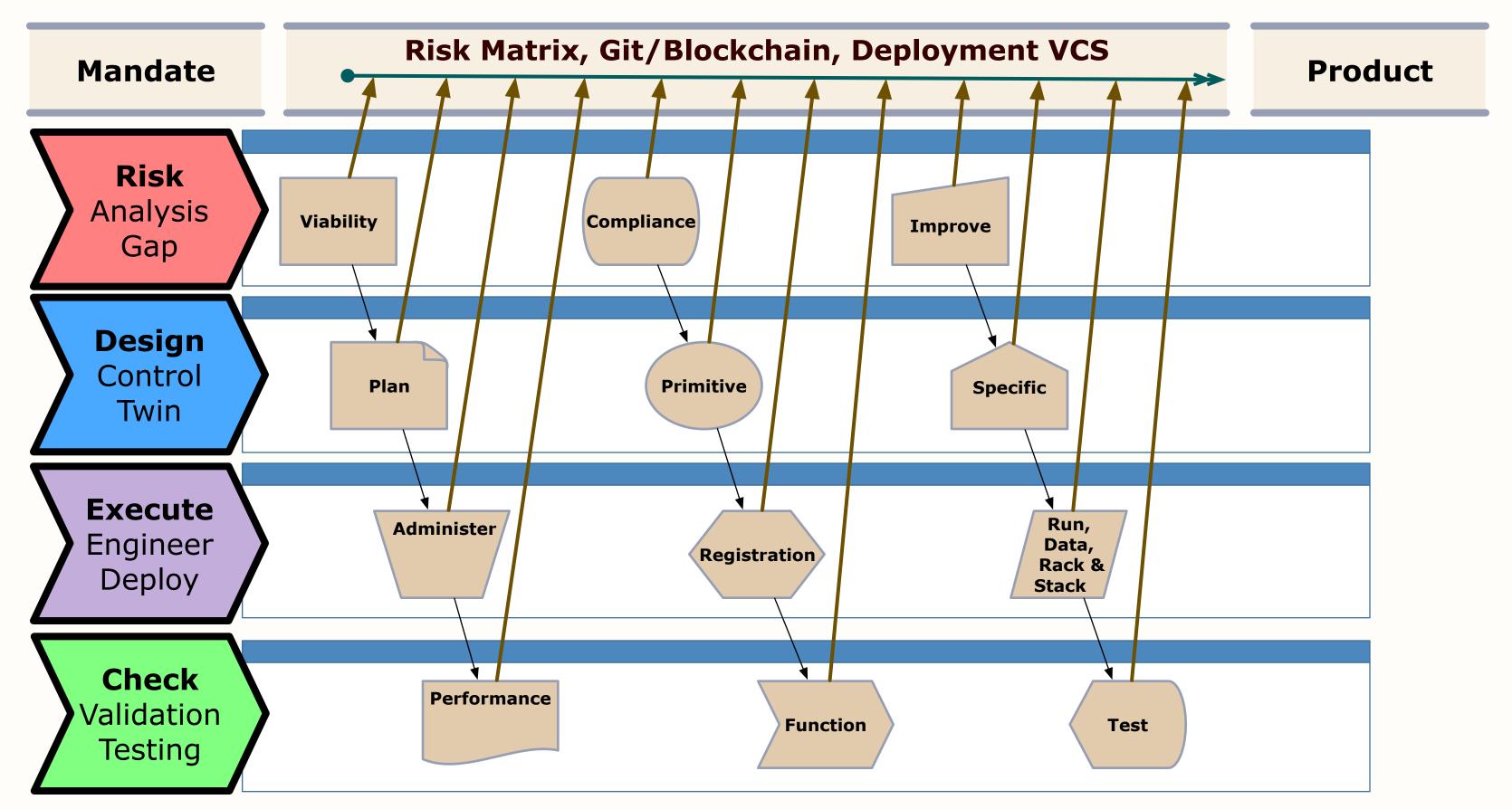
Validation Testing

Alert
Testing
Integration
Performance
Observations
Qualification
Acceptance
Compliance
Monitoring
Success

Delivery Controls

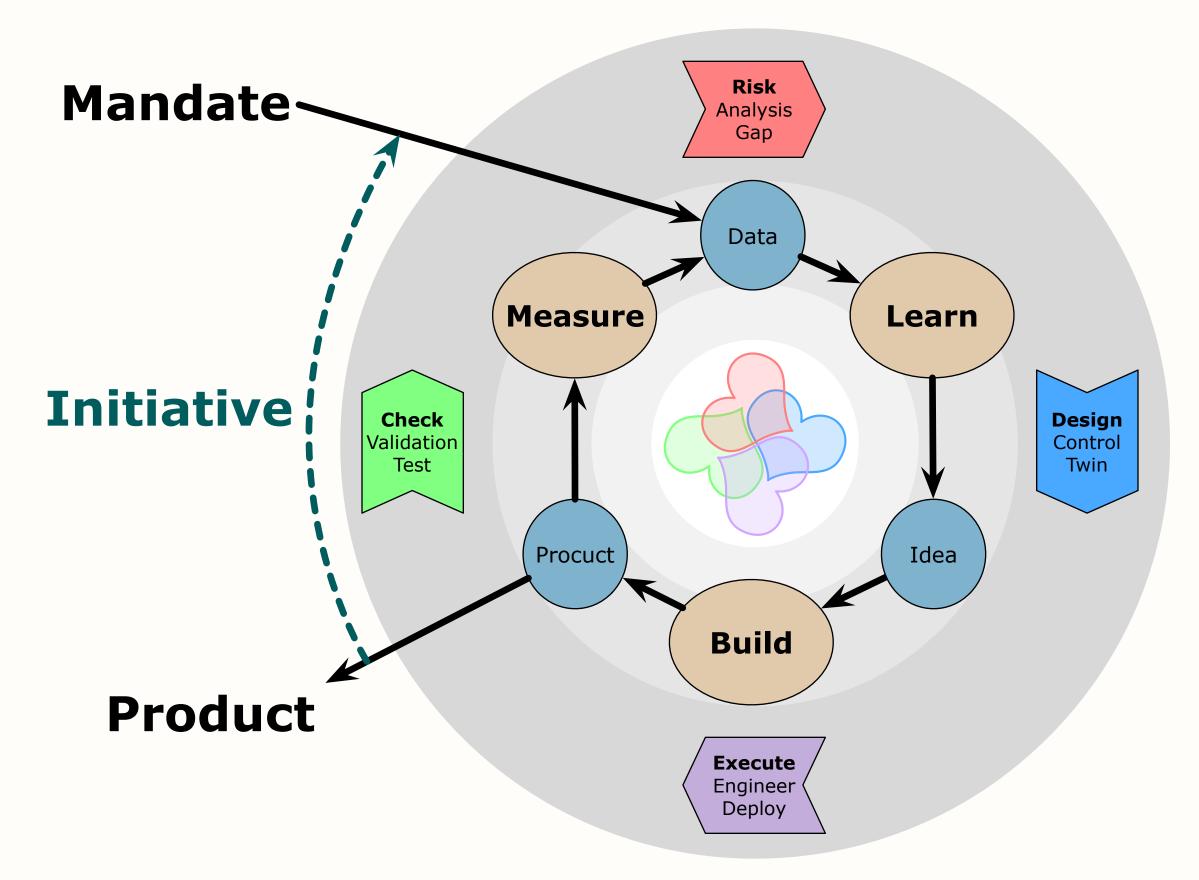


Objective Improvement



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Loop Cycle



Unprecedented Cheese and Onions

