Proceeding Operation of the Unprecedented Process

Mandate: Ready Agile Systems

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

Solution: Input Risk Coherence, Requirement Based Assurance, Narrative Control, Exception Prevention, Automation and Anticipation

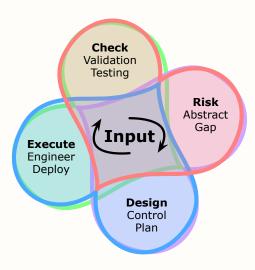
Value: Efficiency, Improvement, Elastic Scope, Quality Validation and Robustness, Expectedness

Eliminate Exceptions Success System (Tracing Minimum Objective Plan)

Input Drives (**Objective**)



Design/Check (**Development**)



Execute/Risk (Operation)

Repeating Patterns of Input Cycles

- * Objective Improvement is Success
- * Successive Input yields Continuous Outcome (due to Ongoing Improvements Limitations)

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

Theory of Constraints Unconstrained systems have unlimited performance

Conway's Law Organization designs are copies of the the systems within the organization

Gold's Law Nothing goes as planned, because outcome is contemporaneous

Campbell's law Indicators subject to influence, become initiators

Cobra Effect A solution attempt that makes the problem worse

Computer Science Oxymoron (Alan Kay)

ABC Option Evaluation (Risk Adverse)

Empirical Plan (Crowdsource, Multi-perspective)
Last/Loudest Reconciliation (Best/Average Consensus)
Options Contention (Goal Alignment)
Integration Iteration (Vector Addition)

Computer Engineering Design (Risk Plan)

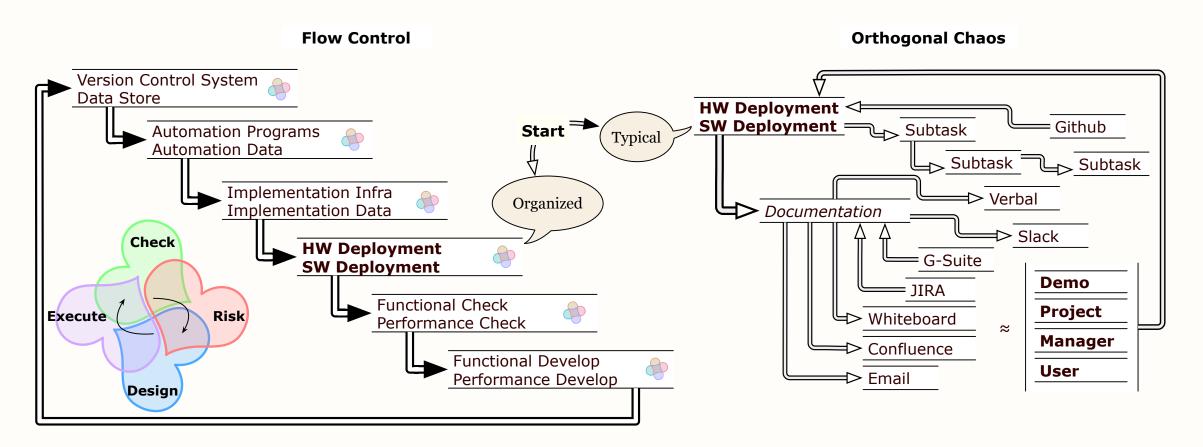
Operational Control (Objective Requirement)
Tool Alignment (Development)
MVP/Purpose built (Operation)

Scientific Method (with Risk Engineering)

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

Bootstrap Deploy Iteration

Flows, Configuration, Performance, Checks



Four Phase Process

Risk Abstract Gap Value **Irregularities** Alignment Input Organization Efficiency Complexity Integrity Unknown Change Security

Design

Control Plan

Solution
Glossary
Primitive
Component
Orchestration
Specification
Breakout
Process
Version
Flows

Execute

Engineer Deploy

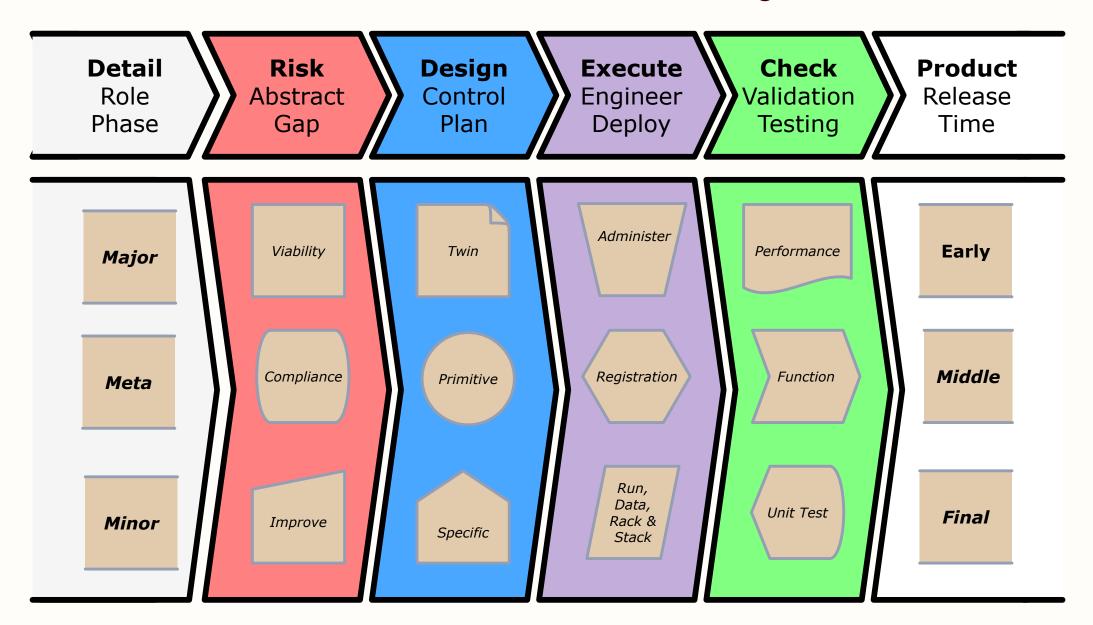
Data
Systems
Hardware
Inventory
Provision
Automation
Bootstrap
Software
Guidance
Agility

Check

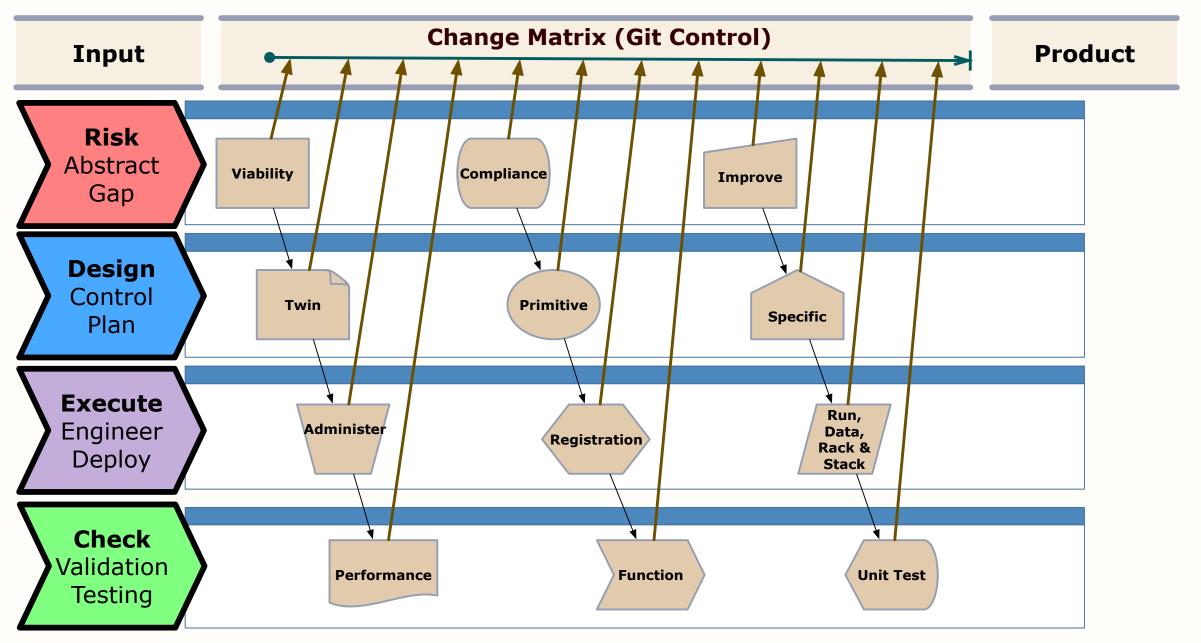
Validation Testing

Alert
Testing
Monitoring
Integration
Qualification
Observations
Performance
Compliance
Acceptance
Success

Continuous Delivery

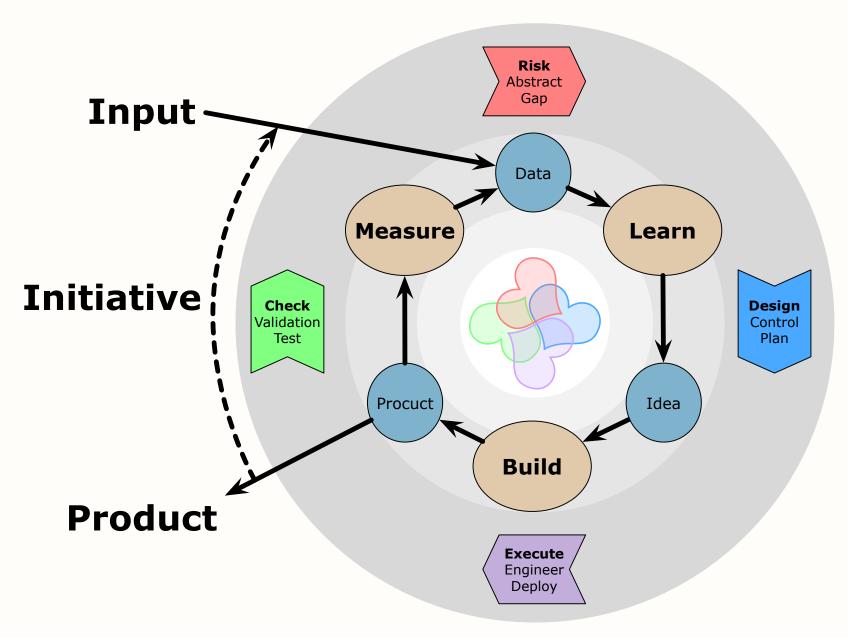


Objective Improvement



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Improvement Loop



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Unprecedented Cheese and Onions

