MAY 8, 2019

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#AgileInGov19

#AgileAF

#SpaceStartsHere

THE AGILE PROGRAM OFFICE:

APPLYING AGILE PRINCIPLES AND PRACTICES IN A HIGH STAKES ACQUISITION ENVIRONMENT

The Challenge

Our Goals

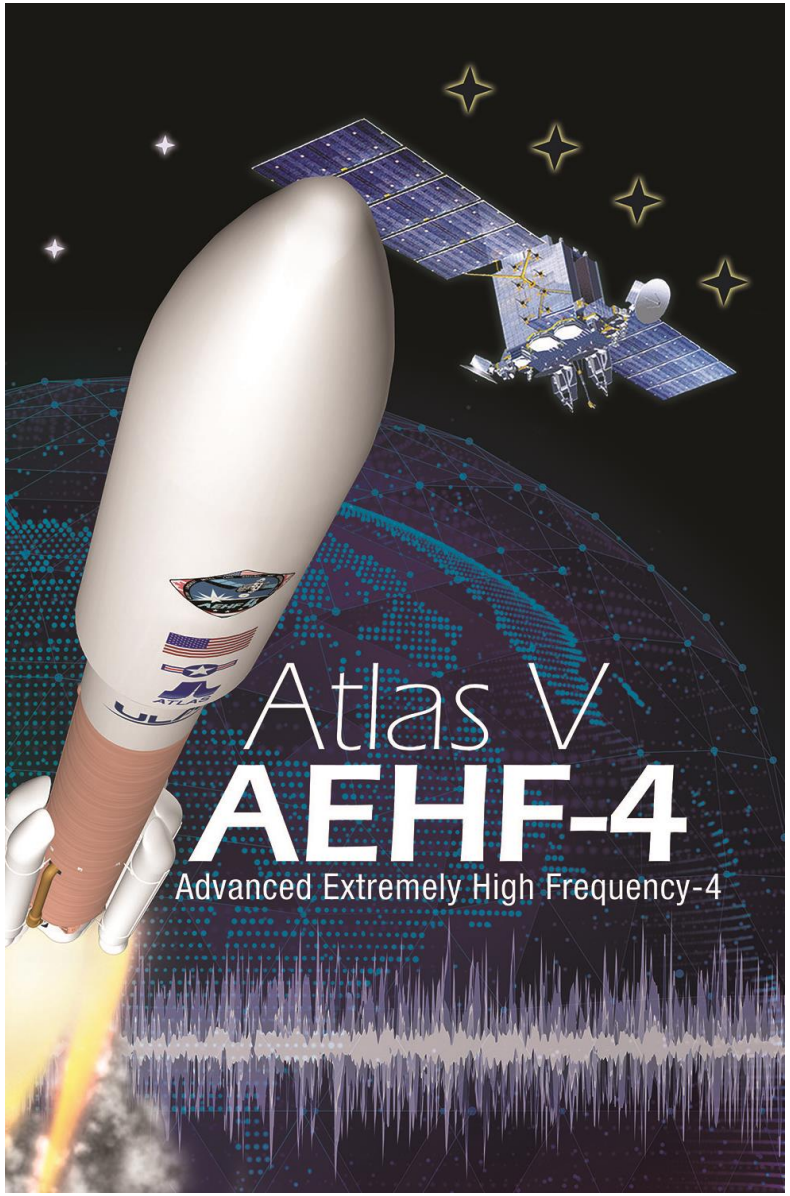
New Approach

The Results

Getting Started

What's Next

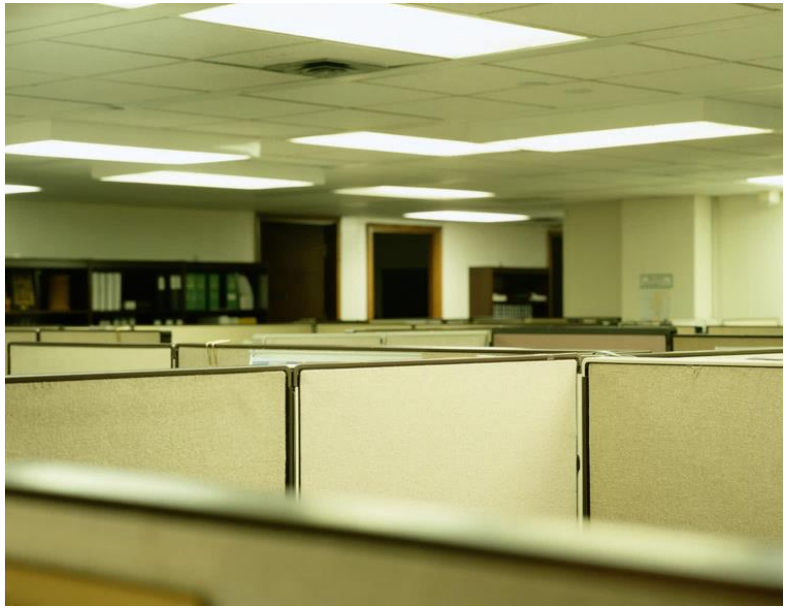
OVERVIEW



THE HIGH STAKES CONTEXT

BUILDING & LAUNCHING SATELLITES FOR STRATEGIC SATELLITE COMMUNICATION

THE CHALLENGE:



THE CHALLENGE:

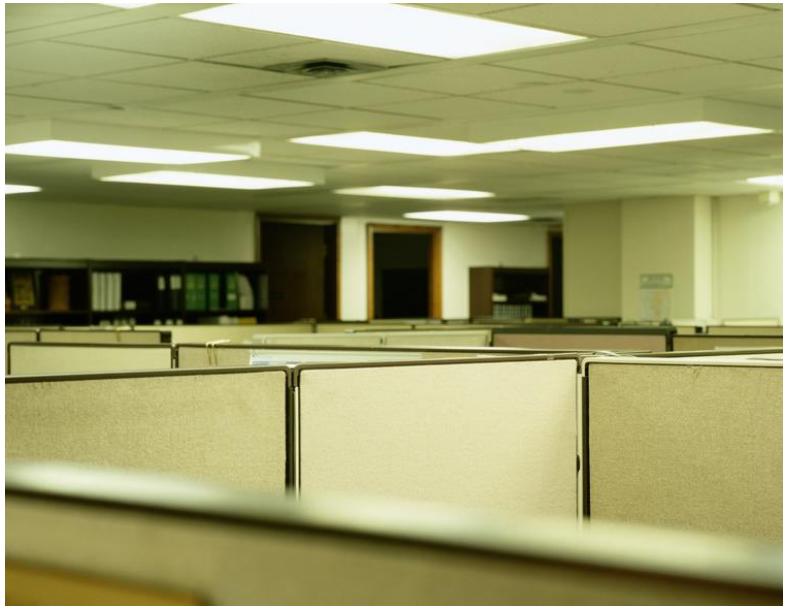
THE WAY WE STORE DATA

THE CHALLENGE:

THE WAY WE COMMUNICATE

THE CHALLENGE:

THE WAY WE ARE ORGANIZED



GOALS

Connect People in Meaningful Ways

Put Data at their Fingertips

Establish Enduring Collaboration Platform

A NEW APPROACH

KANBAN

THE KANBAN PRIMER

Start with What You Do Now

Improve Through Evolutionary Change

Encourage Acts of Leadership at Every Level

Understand & Focus on Customer Needs

Manage the Work and Let People Self-Organize Around It

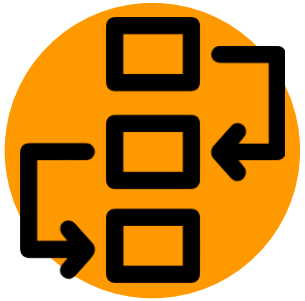
Evolve Policies to Improve Outcomes

THE KANBAN PRIMER

PRINCIPLES

Visualize the Work

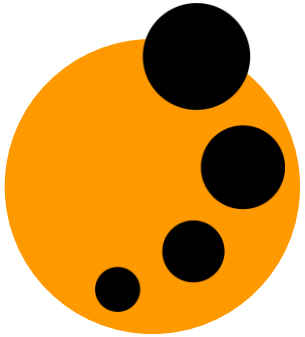
Limit Work in Progress (WIP)



Manage Flow

Make Policies Explicit

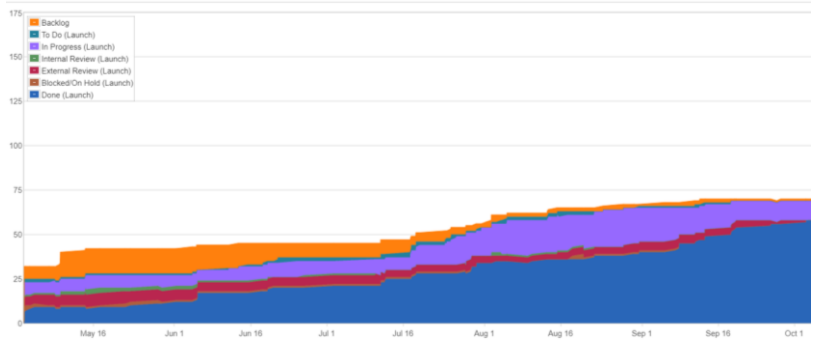
Feedback Loops



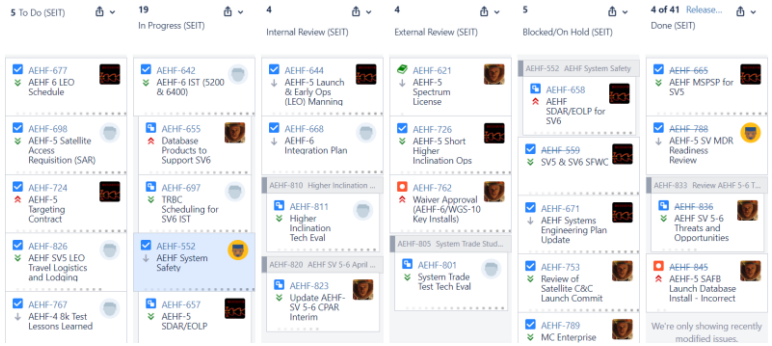
Improve and Evolve

THE KANBAN PRIMER

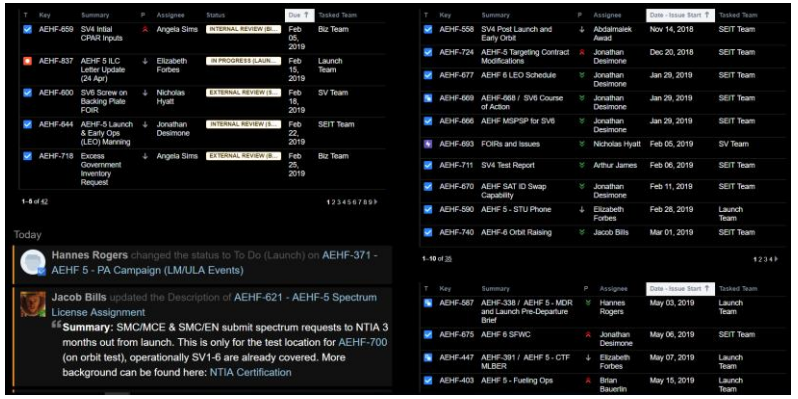
PRACTICES



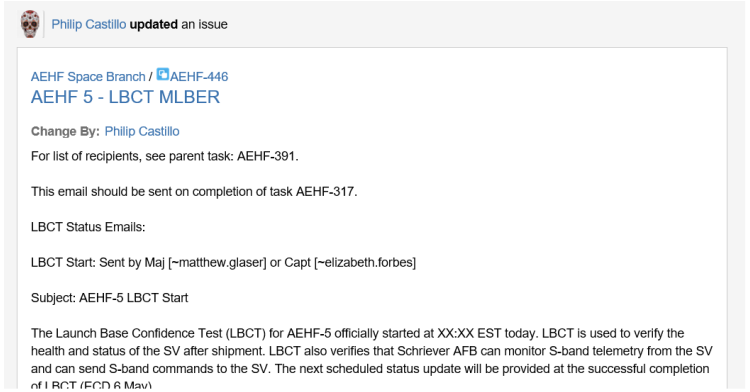
Cumulative Flow Diagrams



Kanban Boards



Dashboards



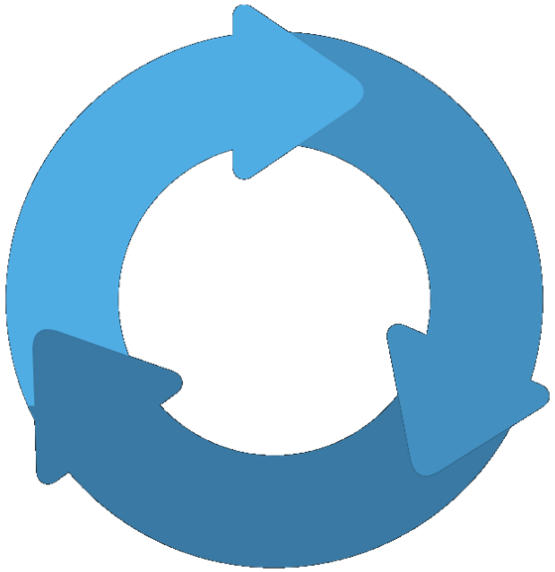
Automated Messages

THE KANBAN PRIMER

VISUALIZATION TECHNIQUES

THE AGILE PROGRAM OFFICE

THE RESULTS



Before
- 35 days

After
- 10 days

THE AGILE PROGRAM OFFICE

AVG CYCLE TIME

35d → 10d

THE AGILE PROGRAM OFFICE

17d TECHNICAL EVALUATION

THE AGILE PROGRAM OFFICE

INCREASED RESILIENCY

TRAINING

THE AGILE PROGRAM OFFICE: WHERE TO START

1. TRAINING

THE AGILE PROGRAM OFFICE: WHERE TO START

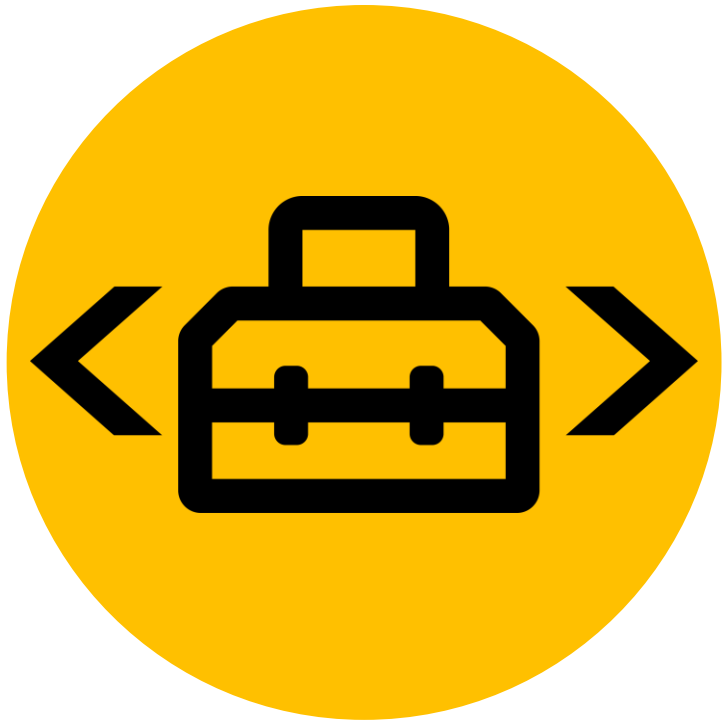
The Backwards Brain Bicycle - Smarter Every Day 133 - YouTube

YouTube · SmarterEveryDay

COACHING

THE AGILE PROGRAM OFFICE: WHERE TO START

1. **TRAINING**
2. **COACHING**



TOOLING

THE AGILE PROGRAM OFFICE: WHERE TO START

1. **TRAINING**
2. **COACHING**
3. **TOOLING**

SPONSORSHIP

CULTURE

THE AGILE PROGRAM OFFICE: WHERE TO START

ENABLERS

ATLAS
GATEWAY TO INNOVATION
#atlasx #innovation #development #agile #analytics

NEXT STEPS

STATE OF AGILE

ATLASX

AGILE READINESS CENTER

AGILE IS EXPANDING WITHIN THE DOD ENTERPRISE

There is a national imperative to leverage agile practices in defense acquisition settings. This will be the first survey of its kind implemented within a large DoD organization

SMC MUST BE OPERATIONALLY RESPONSIVE

The threat in the space domain is moving fast, and SMC must move faster. The survey will help identify the critical factors in adopting and scaling agile at SMC.

BENEFITS OF AGILE ADOPTION BEING REALIZED

The survey will report the impacts as a result of adopting agile practices at SMC.

WHAT DOES AGILE MEAN TO TEAMS?

The survey will report the top reasons for adopting agile techniques at SMC.

THANK YOU

AEHF Launch Highlights

THE AGILE PROGRAM OFFICE

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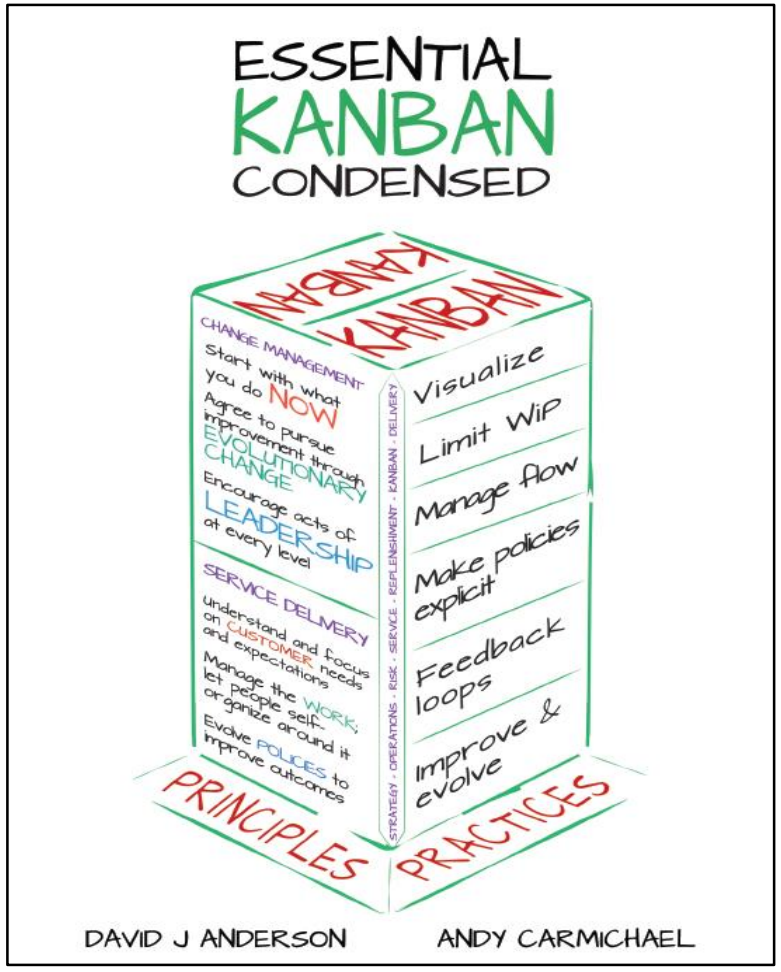
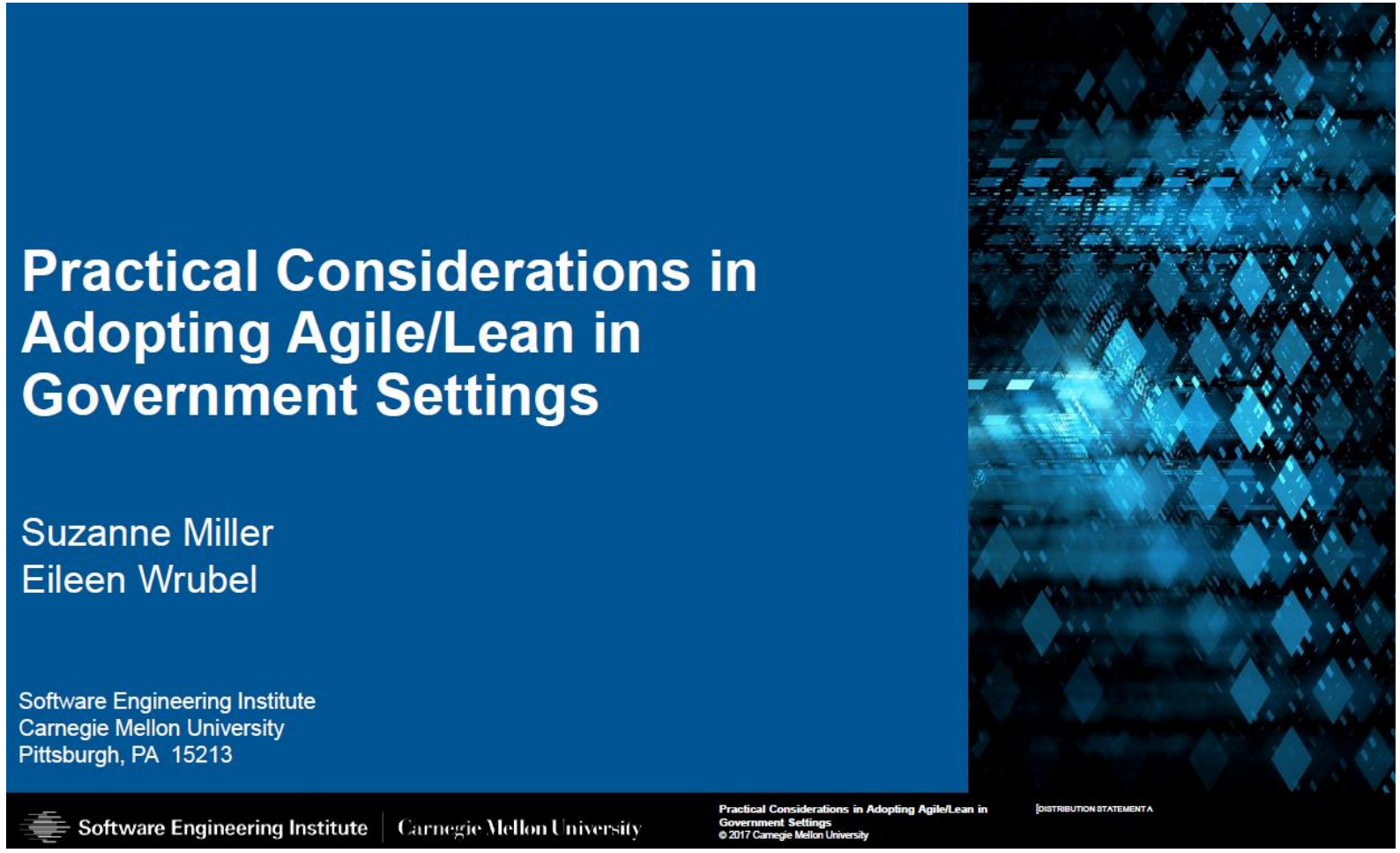
RESOURCES


ESSENTIAL
KANBAN
CONDENSED
KANBAN
KANBAN
CHANGE MANAGEMENT
Start with what you do NOW
Agree to pursue improvement through EVOLUTIONARY CHANGE
Encourage acts of LEADERSHIP at every level
SERVICE DELIVERY
understand and focus on CUSTOMER needs and expectations
Manage the WORK; let people self-organize around it
Evolve POLICIES to improve outcomes
STRATEGY - OPERATIONS - RISK - SERVICE - REPLENISHMENT - KANBAN - DELIVERY
Visualize
Limit WiP
Manage flow
Make policies explicit
Feedback loops
Improve & evolve
PRINCIPLES
PRACTICES
DAVID J ANDERSON
ANDY CARMICHAEL


Practical Considerations in Adopting Agile/Lean in Government Settings
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