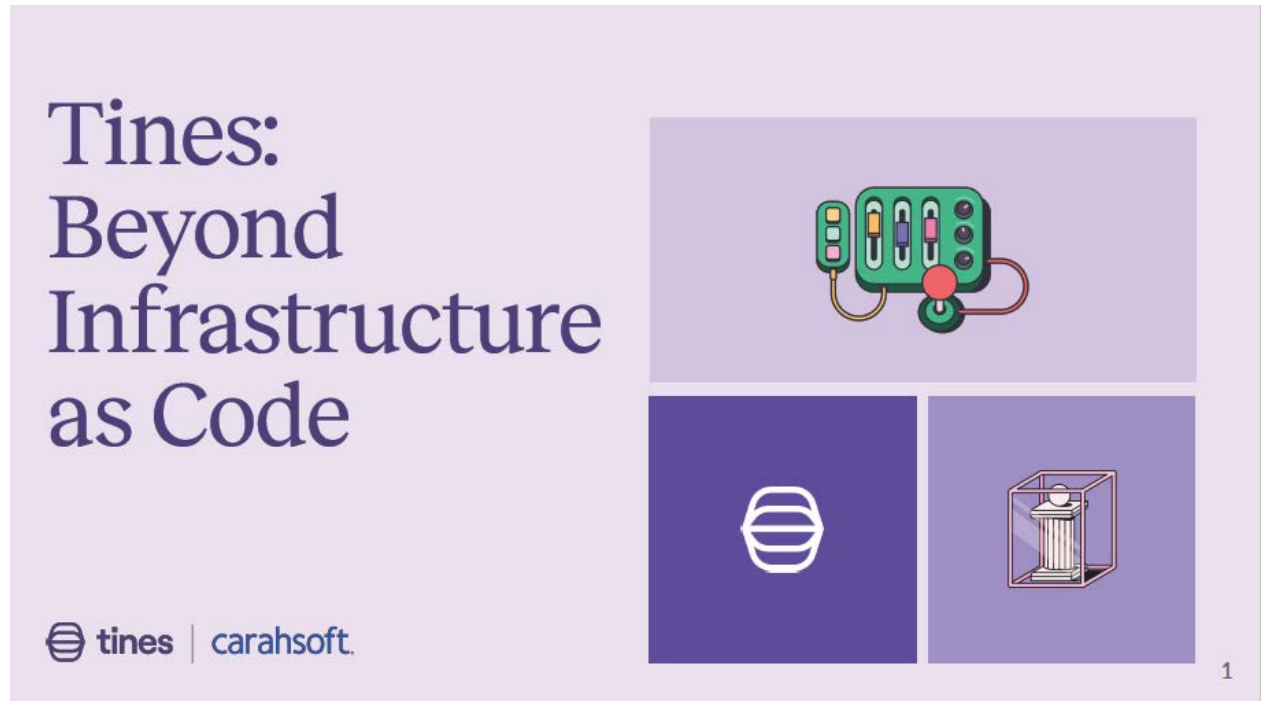
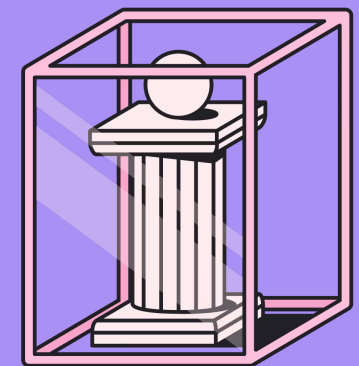
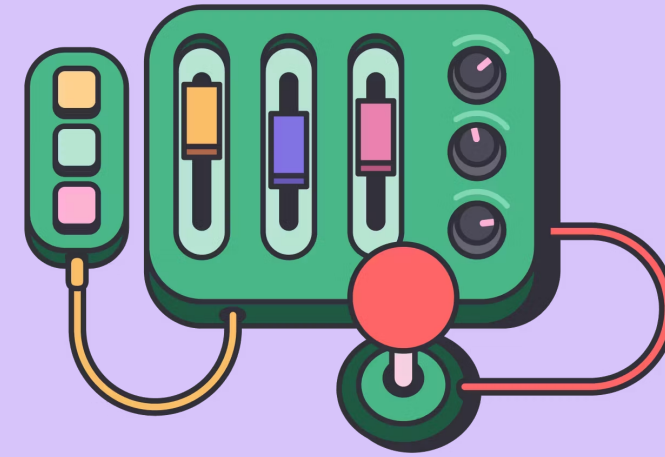




Beyond Infrastructure as Code Webinar

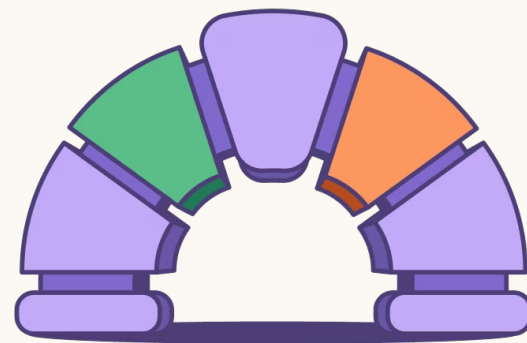


Tines: Beyond Infrastructure as Code



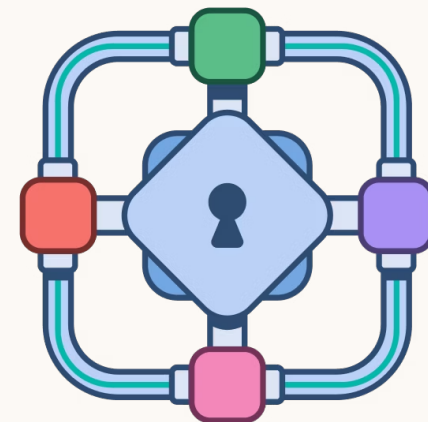
About Carahsoft

Carahsoft Technology Corp. is The Trusted Government IT Solutions Provider, supporting Federal, State and Local Government and Education and Healthcare organizations with IT products, services and training through our partners and contracts.



About Tines Public Sector

Tines is a technology company powering the world's most important workflows. Our intelligent workflow platform combines AI, automation, and integration to drive real business value and help federal and public sector agencies meet Zero Trust goals and security postures. Now available via Carahsoft's GSA Schedule and other contracts, Tines is vendor-agnostic, deployed across US Government Sectors - DOD, IC, and Civilian.



Meet our featured speakers



David Grundy
Public Sector
Field CTO



Thomas Ellison
Senior Solutions
Engineer

Agenda

Infrastructure as Code (IAC) with Tines

1. What is IAC and Why it Matters
2. Addressing Traditional Pain Points
3. Thinking Beyond IAC
4. Value Creation
5. Extending the Business Case
6. Transforming the Enterprise
7. Q&A



As organizations scale, and **DISA controls** expand, visibility and control depends on **Infrastructure as Code (IAC)**.

Teams using Ansible or Terraform to deploy Azure VMs and scripted STIG controls often face brittle, hard-to-maintain automation, security drift, poor visibility, and high operational overhead —slowing delivery while increasing compliance risk and dependency on specialized expertise.



IAC addresses traditional painpoints

Manual, Time-Consuming Process

IT teams spend 45-90 minutes per VM manually provisioning infrastructure, applying security baselines, and validating compliance

Human Error and Security Risk

Manual STIG application is error-prone, with 40-80% of VMs mission critical security configurations leading to compliance failures.

No Visibility or Auditability

Organizations lack real-time tracking of VM provisioning status, compliance state, and audit trails for regulatory requirements.

Delayed Time-to-Value

Development and security teams wait hours or days for secure VMs, creating bottlenecks in project timelines.

Inconsistent Security Posture

Different teams apply STIGs differently (or not at all), creating security gaps and making it impossible to maintain consistent hardening standards.

Context Switching Overhead

Teams must manually coordinate across Azure Portal, Ansible, AWX, communication tools, and validation systems.

Think beyond the Infrastructure in IAC

IAC deployments handle provisioning and configuration quickly and reliably.

As your organization moves into additional code based operations such as Policy as Code (PaC) more processes and tools require integration and coordination at scale.

The “system of systems” has to be managed.

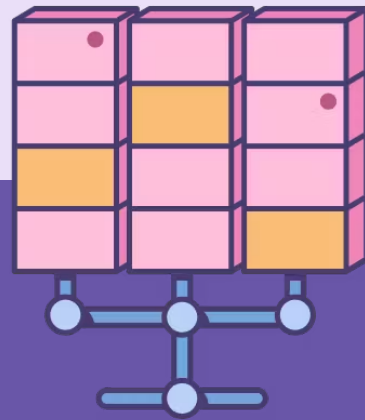


Think beyond the Infrastructure in IAC

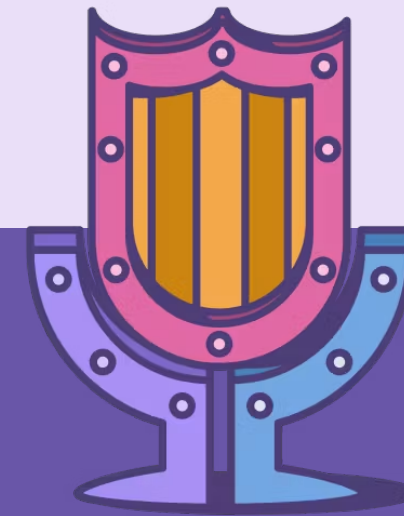
- ✓ Web-Form Initiated Service Requests
- ✓ Creation notification / Logging
- ✓ Inventory Management
- ✓ Compliance Reporting
- ✓ ITSM
- ✓ Collaboration Tools
- ✓ ITSM / CMDB
- ✓ SIEM/GRC



IAC + Tines Intelligent Workflows



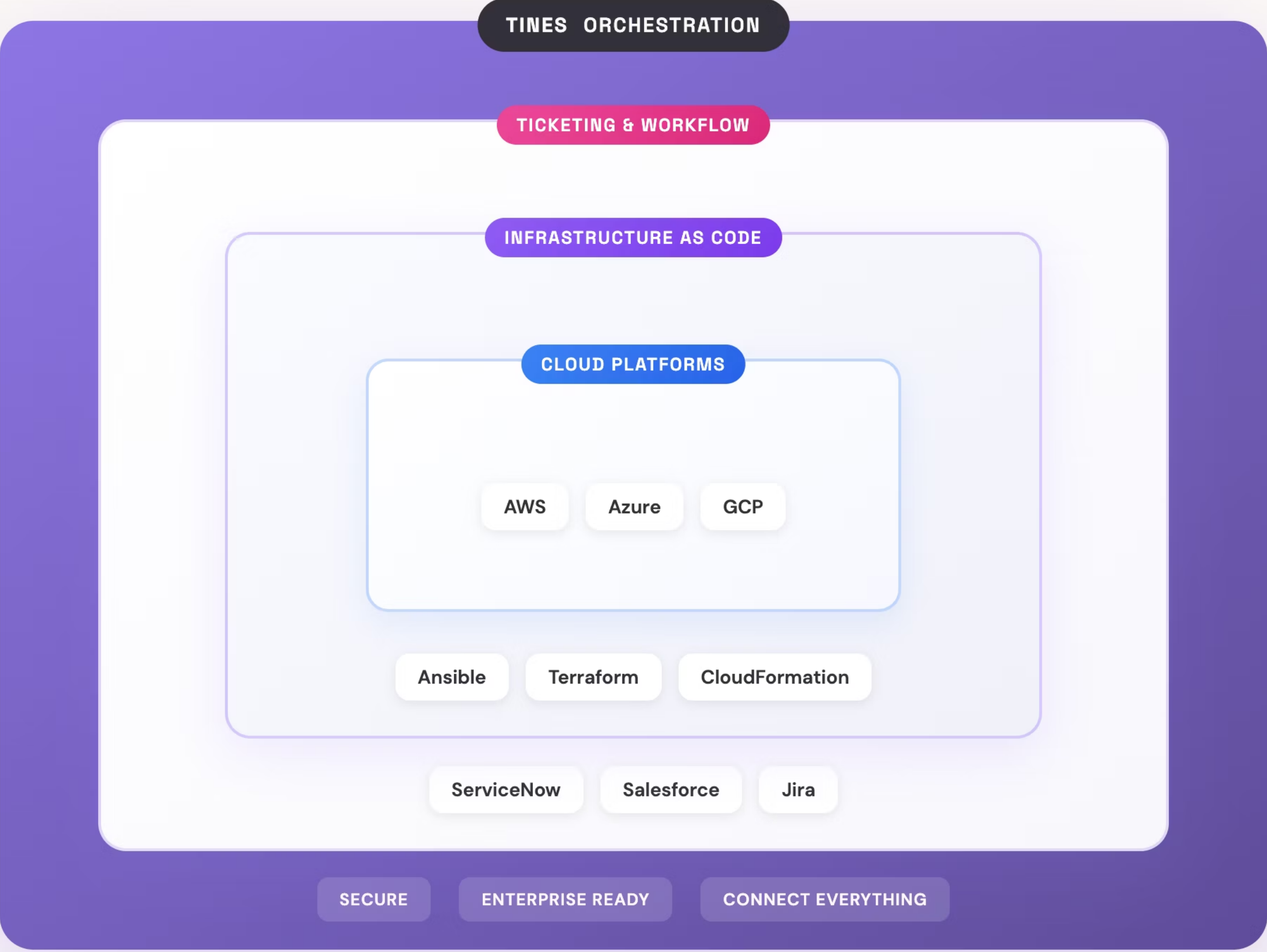
Flow 1
VM
Provisioning



Flow 2
STIG Compliance
Automation

Intelligent Workflow in Action

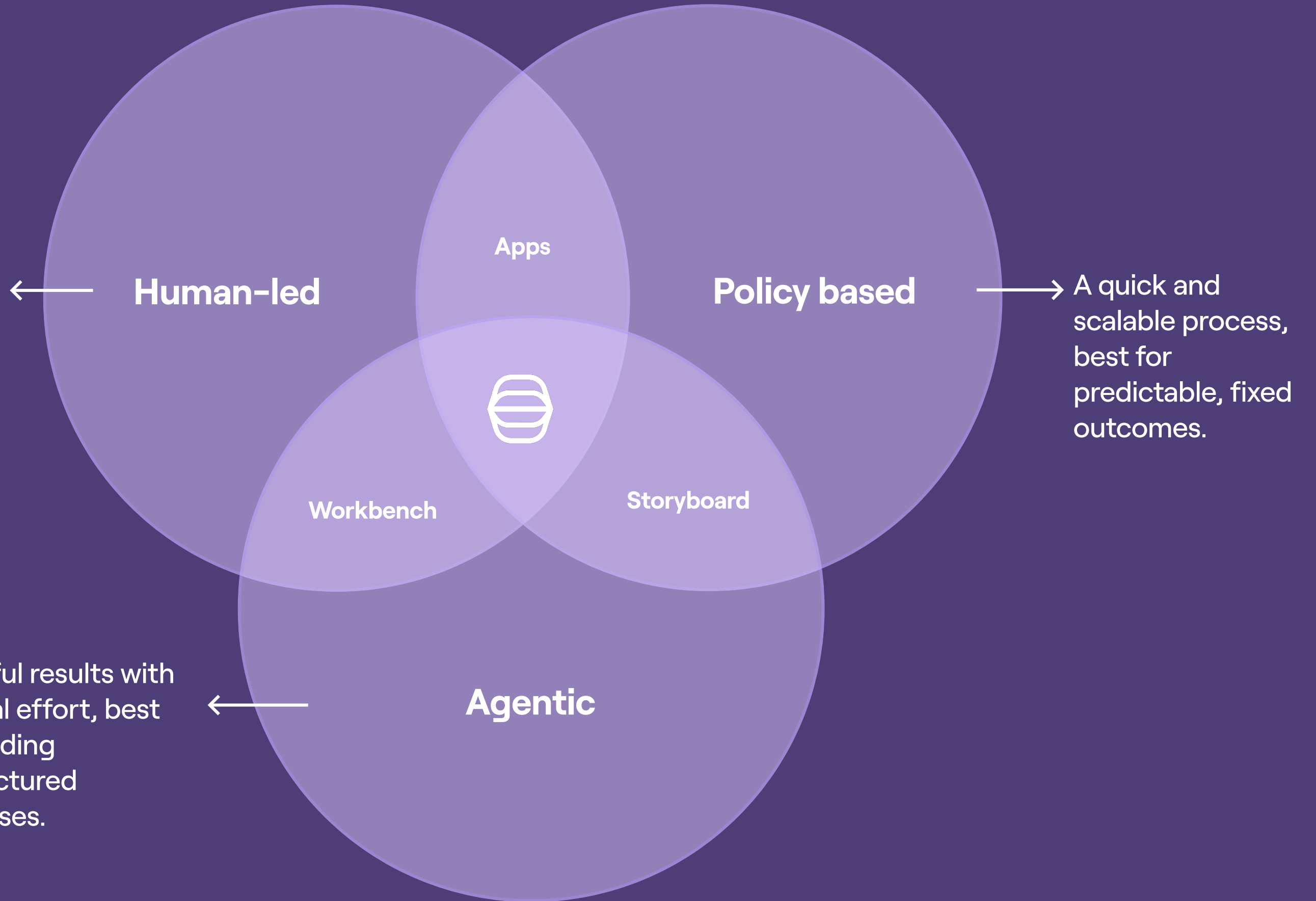
ORCHESTRATION LAYER



AI Automation in Action

The future of workflows

A person following a process, with flexibility to use *judgment and context* rather than strictly predefined rules.



A quick and scalable process, best for predictable, fixed outcomes.

Powerful results with minimal effort, best for building unstructured processes.



Optimized Infrastructure as Code = Value Realized



1

Operational Efficiency at Scale

Reduce VM provisioning
from 60 minutes to 5
minutes

2

Zero-Trust Security by Default

No VM in Prod w/o meeting
security requirements.
Instant audit and
compliance reporting

3

Unified Orchestration Across Tech Stacks

Tools fully integrated to
optimize power of existing
resources

Transformational:

Why this pattern is significant



Infrastructure as Code Meets Policy as Code - Tags become intentional, no scripts, no runbooks, enforcement at scale.

Shift Left on Compliance & Security - Security and compliance requirements are baked into provisioning.

FinOps & Cost Optimization
Tags drive automated cost controls: auto-shutdown non-prod VMs, rightsize based on usage patterns.

Scales from 10 to 10,000 VMs
Whether you're provisioning 5 VMs a week or 500 a day, the workflow is identical.

Platform Agnostic Orchestration
Same workflow works for Azure, AWS, GCP, on-prem VMware. (Tines abstracts the API differences).

AI-Augmented Operations
LLM agents summarize complex results, recommend optimizations, and predict configuration drift.

Final Thoughts

We Covered:

- Traditional Cloud Deployment Frustrations
- Thinking Beyond Infrastructure as Code
- Workflows in Action:
VM Provisioning & STIG
- Compliance Automation
- Generating Business Value
- Transforming IT Operations

- *“It’s not just automation – it’s a new operating model”*
- *Consistent infrastructure and security across agencies*
- *Reduced architectural complexity through reuse*
- *Low compliance and operational cost*
- *Faster ATO and audit readiness*
- *Empowered Teams operating with governance*

Build once, deploy everywhere | Secure by default
| Scale across departments, agencies, programs,
and teams

Thank you for joining!

Q&A

Contact:

Chirag Tiwari

571-662-3218

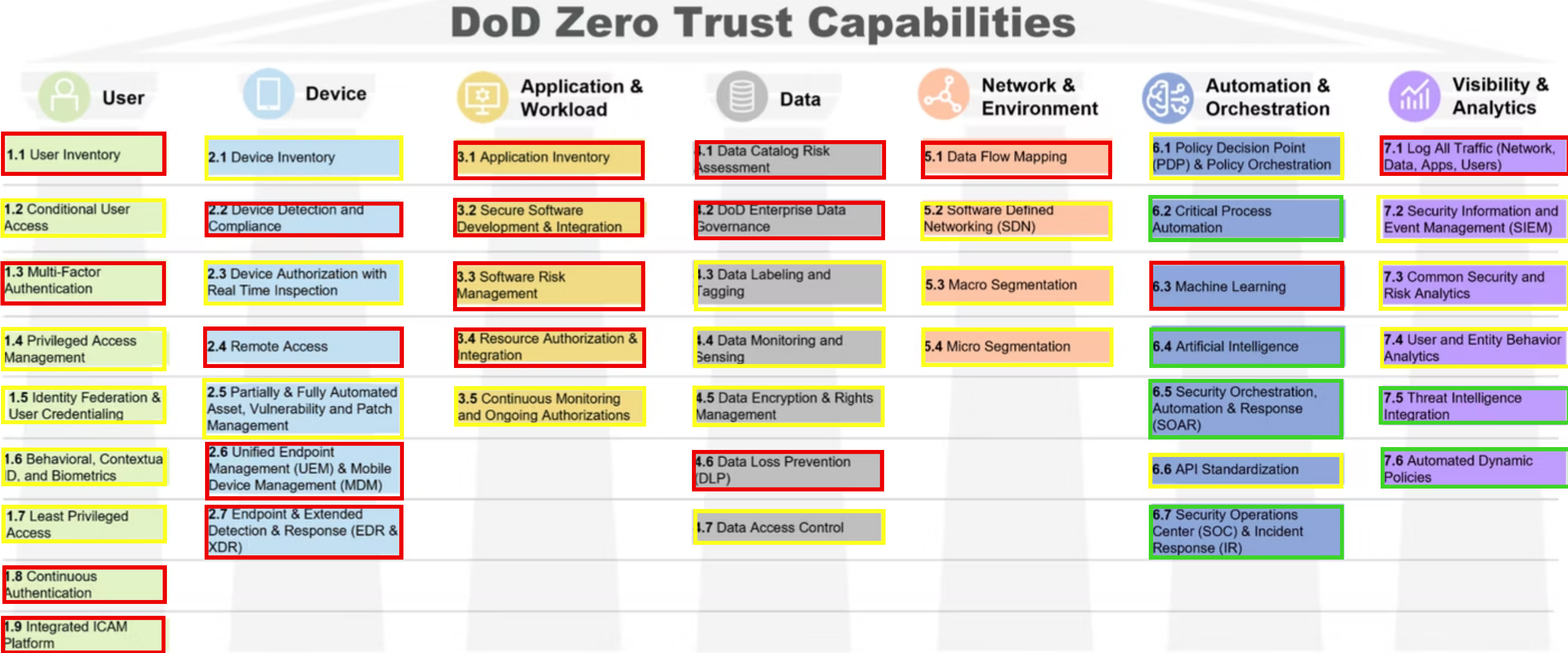
chirag.tiwari@carahsoft.com

Appendix

DoD Zero Trust Model - Mapped To

Figure 5. DoD Zero Trust Capabilities

- FULLY IMPLEMENT CABABILITY
- SUPPORTED CAPABILITY
- NOT SUPPORTED OR GOV ACTIVITY



Resources

1. [Federal Zero Trust White Paper](#)
2. [Tines University](#)
3. [Tines Library](#)





Thank you for viewing this Tines Presentation! Carahsoft is pleased to serve Tines, working with an extensive ecosystem of resellers, system integrators, and solution partners who are committed to helping government agencies select and implement the best solution at the best possible value.

To learn how to take the next step toward acquiring Tines' solutions, please check out the following resources and information:



For additional Tines resources:
carah.io/TinesResources



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To purchase, check out the contract vehicles available for procurement:
carah.io/TinesContracts



To set up a meeting:
Tines@carahsoft.com or 703-581-6680