



Defense Information Systems Agency

A Combat Support Agency



Forge.mil Overview

Software Engineering Collaborator's Exchange

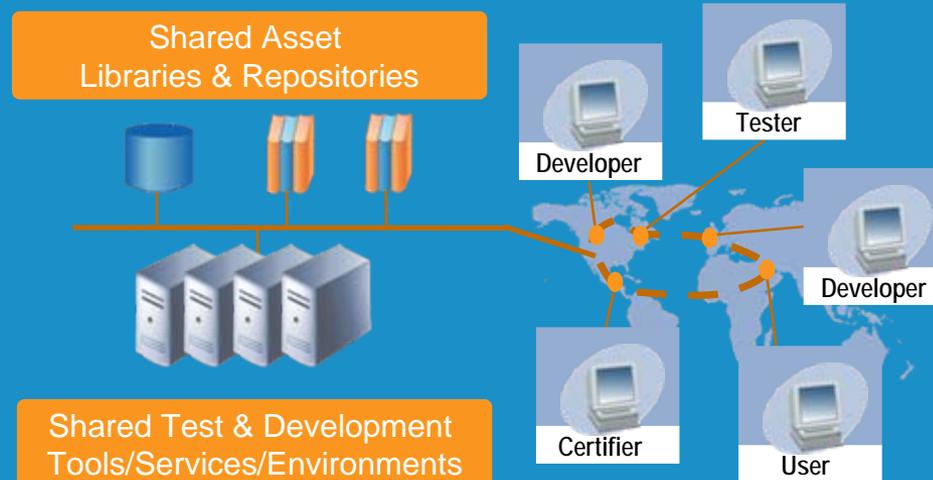
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July 21, 2009

Vision

Enable the rapid development, test, certification, deployment and acceptance of new products and services on the GIG by providing policies, processes, tools and a federated development and test infrastructure

TODAY

- Siloed development environments
- Expensive and time consuming start-up
- Limited exposure, sharing, or re-use
- Duplication of effort



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- Agile development and testing
- Cross-program sharing: software and services
- Early and continuous collaboration
- Integrated approach to development life cycle
- Extensible platform to support delivery of partner capabilities

A collaborative platform to improve DoD's ability to rapidly deliver dependable software and services in support of net-centric operations and warfare



Collaborative software development and reuse



On-demand application development tools



Agile certification process



Common test and evaluation environment



Collaborative development of IT standards



Future capability

Collaborative development of DoD IT standards and best practices

Associate package of standards with a development project



Future capability

On-demand test environment for all test and evaluation activities: developmental testing, operational testing, interoperability test, and IA testing



Definition Stage

Common evaluation criteria and an agile certification process to accelerate the certification of reusable, net-centric solutions



Early FY '10

Provides on-demand application lifecycle management tools to DoD projects and program on a fee-for-service basis



Available Today / NIPR & SIPR

Provides on-demand application lifecycle management tools to DoD projects and program on a **Free for Open** basis.

Providing Collaborative Application Lifecycle Management tools to the DoD

NIPR – 17 APR 09
SIPR – 22 JUL 09



Find Software

- DoD Open Source
- DoD Community Source

Develop Software

Project Workspaces

Trackers
Issue Management
Task Management
Wikis
Document Repository
...



Transition to DISA DECC
Q1 – FY 2010

- Open Source license or DoD community source agreement
- Not a 'fork' of an Open Source project
- Must allow open collaboration
 - All users have view permissions
 - Willing to accept outside contributions (code, docs, etc.)

“Sandbox” projects available for free play & evaluation

- DoD Civilian, Military, DoD contractors
- PKI User Authentication
 - CAC or ECA Certificate
- Open source or DoD community source projects
 - Enable Re-use of common functionality
 - Enable cross-DoD collaboration

- 2200+ registered users & 90+ hosted projects & 150+ software releases
- Shared expertise (collaboration centers)
 - Lotus Domino
 - Microsoft Sharepoint
 - Microsoft Active Directory
 - PKI & CAC Enablement
 - OpenOffice
- Software
 - DoDBastille – RHEL lockdown scripts
 - NCES Reference Implementations
 - NSLDSS Development
 - Optics – Remote sensing application & framework
 - Many more

Collaborative Development & Test Platform

Software,
Systems, Services



Operational
Environment



Tools, Standards, Processes

DOD Acquisition
Community

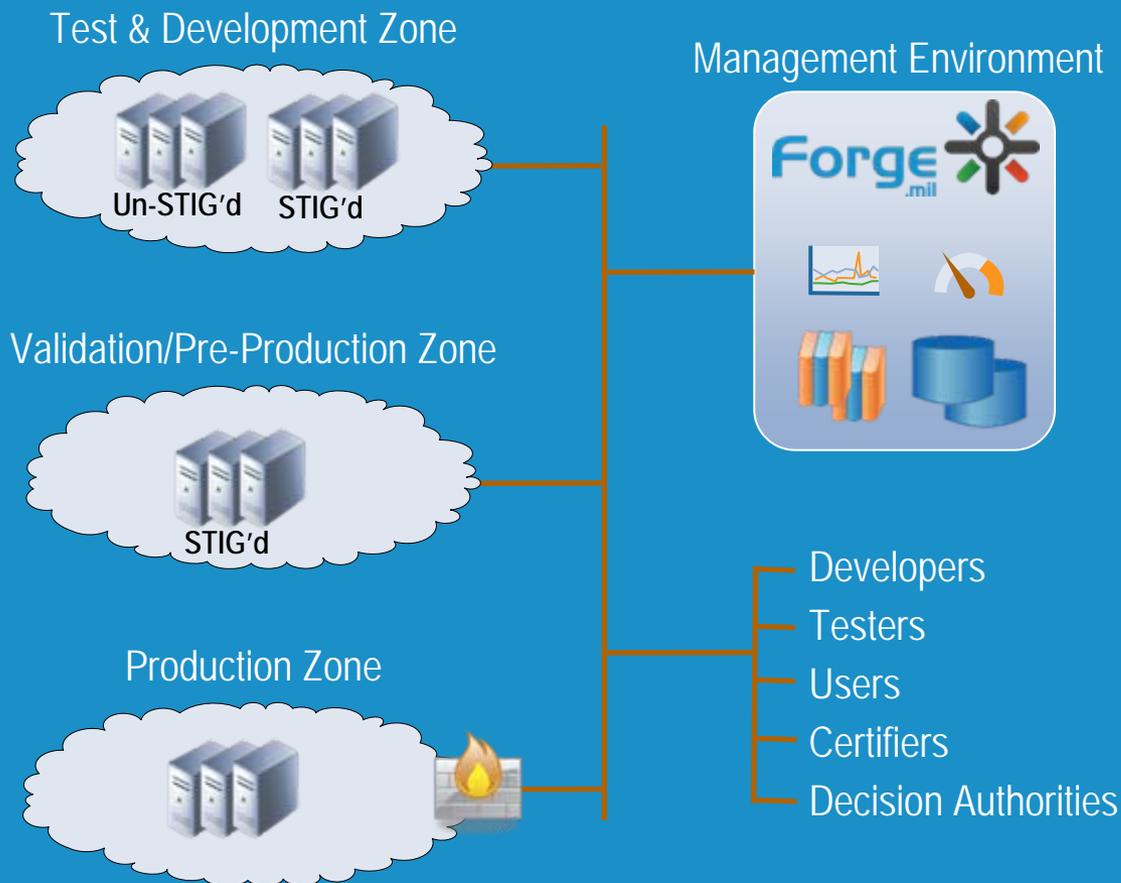
DOD Development
Community

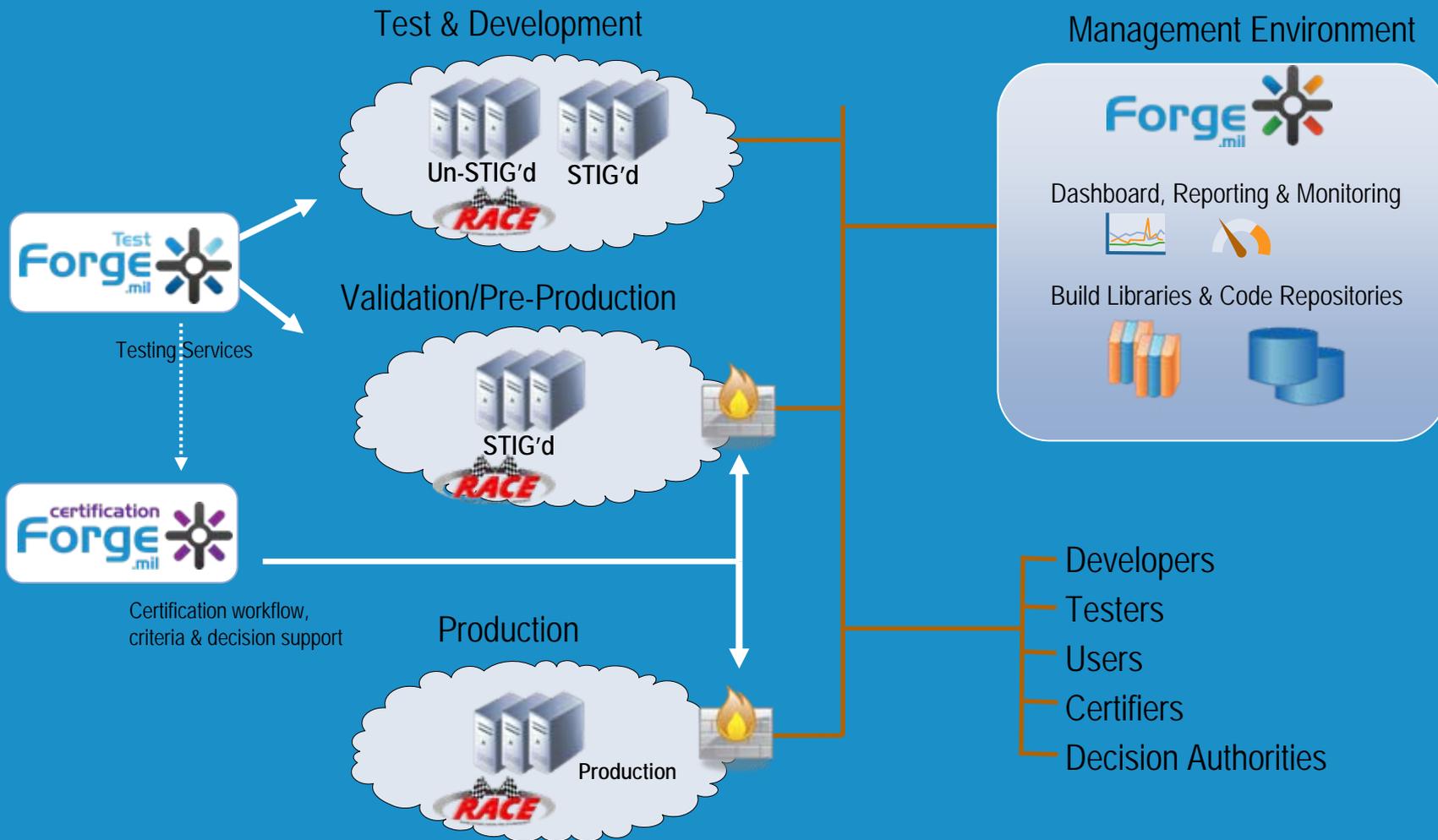
DOD Test and
Evaluation Community

DOD IA
Community

DOD NETOPS
Community

Government, Industry & Academia





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