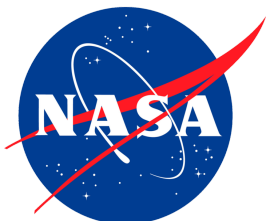


The **AIST** Managed Cloud Environment (AMCE)

NASA Advanced Information Systems
Technology Program



July 21, 2016

Shelby Cain
Earth Science Technology Office
(ESTO) Program Integration

AMCE

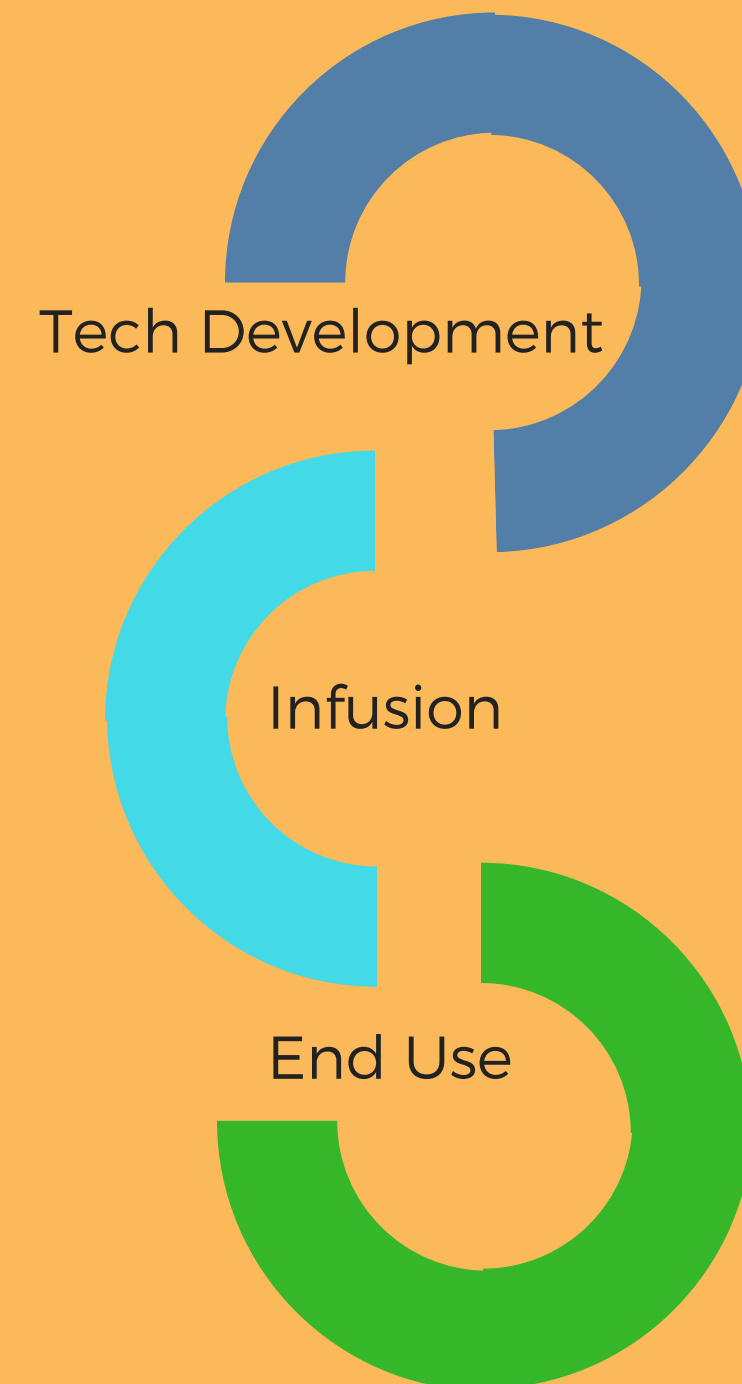
- Cloud platform available to AIST PIs, test- and end-users
- Setup like an apartment building – each PI has their own space within a common environment
- The environment provides shared services including:
 - helpdesk
 - security
 - management

ACCESS

- Enjoy broad access to a project's resources at the discretion of the PI, not NASA
- Work in a secure and isolated workspace that also allows for partnering opportunities
- Experience a collaborative environment good for flexible teams with diverse sets of users
- Explore and test the newly-developed tools in a secure environment

INFUSIONS

- Increase the number of AIST projects that are ready to be adopted and used by end users
- End users test and provide feedback to research teams early to accelerate the infusion process
- Incorporates NASA standards from the beginning, making it easier for end users to infuse new work into their systems and processes
- Reduce the total cost and amount of time it takes to typically infuse a new tool



SECURITY

- Cloud services are preconfigured for security, reducing the need for projects to handle security themselves
- AMCE teams inside and outside of NASA have access to a security-compliant platform outside the NASA firewall
- The system manages established NASA security procedures in background

AMCE Benefits

- Accelerates project research
- Reduces risk
- Lowers program costs
- Encourages collaboration
- Supports end-user implementation

**Questions?
Want to see more?**

Contact Shelby Cain at shelby.cain@nasa.gov

