

System Assurance Platform Task Force Charter

December 12, 2008

Djenana Campara (Hatha Systems) moves to charter the System Assurance (SA) Platform Task Force. J.D. Baker (BAE SYSTEMS) seconds the motion. Char Wales (MITRE) proposes White Ballot. There is no objection to White Ballot. Motion carries.

Organizing Chairs

- Ben Calloni, Lockheed Martin
- Djenana Campara, KDM Analytics
- Paul Work, Raytheon

The primary mission of the SysA PTF is to work within the OMG and other industry groups to

- adapt and extend OMG technologies that apply across domains to enhance System Assurance (e.g. Reliability, Safety, Security, and Compliance).
- establish a common framework for analysis and exchange of information related to system assurance and trustworthiness. This trustworthiness will assist in facilitating systems that better support Security, Safety, Software and Information Assurance
- promote System, Software, and Information Assurance in OMG product interoperability mechanisms

As in the past SwA AB SIG was working closely with other OMG groups and other software industry entities and groups external to the OMG, coordinating establishment of a SwA common framework known as SwA Ecosystem, SA PTF will continue this work. To that end, the goal of the SysA PTF is to leverage existing OMG specifications, develop new specifications and achieve their alignment within a Software Assurance Ecosystem, and support other Information Assurance activities that will:

- Provide a common framework for presenting properties of system trustworthiness that can be used to represent any/all classes of system so suppliers and acquirers can represent their claims and arguments(respectively), along with the corresponding evidence, employing automated tools were possible (to address scale)

- Verify products have sufficiently satisfied trustworthy characteristics in advance of product acquisition, so that system engineers/integrators can use these products to build (compose) larger assured systems
- Provide expertise and augmentation to other assurance standards and practices (such as Common Criteria - ISO/IEC 15408), as they relate to OMG Specifications and Products
- Enable industry to improve visibility of the current status of system, software and information assurance during development
- Provide an Infrastructure/platform that enables industry to develop automated tools that support the common framework
- Provide enhancements to OMG Specifications leading to products capable of supporting Information Assurance properties for secure processing in distributed environments.

In this activity, the SysA PTF will:

- Leverage other related OMG specifications such as KDM, SBVR, UML, etc.
- Promote the use of OMG specifications in the development of secure software
- Find ways to leverage the various quality and maturity models for security with OMG specifications.
- Identify scenarios where the Software Assurance Ecosystem may be leveraged or applied to enhance system trustworthiness.