**P15026-1**

**Submitter Email:** james.w.moore@ieee.org  
**Type of Project:** New IEEE Standard  
**PAR Request Date:** 11-Mar-2013  
**PAR Approval Date:** 10-May-2013  
**PAR Expiration Date:** 31-Dec-2017  
**Status:** PAR for the Adoption of a Non-IEEE Standard

* Adoption of a Non-IEEE Standard *

1.1 **Project Number:** P15026-1  
1.2 **Type of Document:** Standard  
1.3 **Life Cycle:** Full Use

2.1 **Title:** Systems and software engineering -- Systems and software assurance -- Part 1: Concepts and vocabulary

3.1 **Working Group:** Working Group for Life Cycle Processes (C/S2ESC/WG_LCP)  
**Contact Information for Working Group Chair**  
  - **Name:** James Moore  
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**Contact Information for Working Group Vice-Chair**  
None

3.2 **Sponsoring Society and Committee:** IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)  
**Contact Information for Sponsor Chair**  
  - **Name:** Paul Croll  
  - **Email Address:** pcroll@computer.org  
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None

4.1 **Type of Ballot:** Individual  
4.2 **Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 09/2013  
4.3 **Projected Completion Date for Submittal to RevCom:** 10/2014

5.1 **Approximate number of people expected to be actively involved in the development of this project:** 15  
5.2 **The Scope of this project is adoption of:** ISO/IEC JTC1 - ISO/IEC 15026-1:2013, Systems and software engineering -- Systems and software assurance -- Part 1: Concepts and vocabulary as an IEEE Standard  
5.3 **Scope of the document being adopted:** This International Standard defines assurance-related terms and establishes an organized set of concepts and relationships to establish a basis for shared understanding across user communities for assurance. It provides information to users of the other parts of this International Standard including the combined use of multiple parts. The essential concept introduced by ISO/IEC 15026 is the statement of claims in an assurance case and the support of those claims through argumentation and evidence. These claims are in the context of assurance for properties of systems and software within life cycle processes for the system or software product. Assurance for a service being operated and managed on an ongoing basis is not covered in this International Standard.

5.4 **Is the completion of this standard dependent upon the completion of another standard:** No  
5.5 **Purpose of the document being adopted:** This document will not include a purpose clause.  
5.6 **Need for the Project:** 1. To replace the expiring trial-use version.  
2. To update for consistency with the rest of the 15026 series.  
3. To support the development of software requiring the demonstration of critical properties.

5.7 **Stakeholders for the Standard:** Users, acquirers and developers of software which must achieve designated critical properties.

**Intellectual Property**  
6.1.a. Has the IEEE-SA staff obtained the necessary permissions for the adoption of this document?: Yes  
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No
7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): 1.1 and 1.3: This adoption would supersede the existing Trial-Use 15026-1.