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18 November 2004

Jack Cole  
US Army Research Laboratory  
504 Idlewild Road  
Bel Air, MD 21014-4419  
jack.cole@ieee.org

Re: P1667 - Standard Protocol for Authentication in Host Attachments of Transient Storage Devices

Dear Jack:

I am pleased to inform you that on 18 November 2004 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1667.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 16 February 2005.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
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International Stds Programs and Governance  
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cc: [ariel.sobelman@m-systems.com](mailto:ariel.sobelman@m-systems.com), [moshe.raines@m-systems.com](mailto:moshe.raines@m-systems.com)

# PAR FORM

**PAR Status:** New PAR

**PAR Approval Date:** 2004-11-18

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** 1667

**2. Sponsor Date of Request:** 2004-10-04

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard Protocol for Authentication in Host Attachments of Transient Storage Devices

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The Project is a:** New Standard

**7. Working Group Information:**

**Name of Working Group:** Dynamically Attached Devices and Device Interfaces Working Group

**Approximate Number of Expected Working Group Members:**6

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Ariel Sobelman

**Telephone:** 972-52-4444-104 **FAX:**

**Email:** ariel.sobelman@m-systems.com

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:** Moshe Raines

**Telephone:** 972-9-764-5000 **FAX:**

**Email:** moshe.raines@m-systems.com

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Computer Society Information Assurance

**Name of Sponsoring Committee Chair:** Jack Cole

**Telephone:** 410 278 9276 **FAX:** 410 278 2694

**Email:** jack.cole@ieee.org

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone:** **FAX:**

**Email:**

**Name of Co-Sponsoring Society and Committee:** Computer Society Storage Systems

**Name of Co-Sponsoring Committee Chair:** Curtis Anderson

**Telephone:** **FAX:**

**Email:** curtisanderson1@comcast.net

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone:** **FAX:**

**Email:**

**11. The Type of ballot is:** Entity Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** 2006-01-01

**12. Fill in Projected Completion Date for Submittal to RevCom: 2006-07-31**

**Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

This project defines a standard protocol for secure authentication of dynamically attached devices, such as USB flash drives. The protocol has only an indirect relationship with data integrity/security, and does not directly address that issue.

**Is the completion of this document contingent upon the completion of another document?** No

**14. Purpose of Proposed Project:**

This project enables the secure functionality of devices such as USB flash drives when connected transiently to hosts.

**14a. Reason for the standardization project:**

Industry has witnessed explosive private and corporate growth in use of personal storage devices such as USB flash drives. These devices serve much the same functionality that floppy disks and zip drives once did, but at much higher capacities. Although floppy disks never required authentication before being read or written by a host, devices such as USB flash drives have arrived in the marketplace at a time when security has become a much greater issue than before. Enterprises are now beginning to require authentication of devices before mounting by a host is permitted. No standard way of accomplishing that authentication exists for these devices. This standard will act to insure the security of the enterprise using these devices while allowing a continued robust market and a convenient method of transporting information for the user. The stakeholders are primarily companies that are chip manufacturers or vendors that incorporate memory chips into memory solutions for mobile and embedded systems, personal and portable secure data storage.

**15. Intellectual Property:**

**Has the sponsor reviewed the IEEE patent policy with the working group?** Yes

**Is the sponsor aware of copyrights relevant to this project?** No

**Is the sponsor aware of trademarks relevant to this project?** No

**Is the sponsor aware of possible registration of objects or numbers due to this project?** No

**16. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**17. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization?** Do not know at this time

**If yes, please answer the following questions:**

**Which International Organization/Committee?**

**International Contact  
Information?**

**18. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain in five sentences or less.**

**19. Additional Explanatory Notes: (Item Number and Explanation)**