



IEEE Standard Protection Profile for Hardcopy Devices in IEEE Std 2600TM-2008 Operational Environment B

IEEE Computer Society

Sponsored by the
Information Assurance Committee

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IEEE Standard Protection Profile for Hardcopy Devices in IEEE Std 2600™-2008 Operational Environment B

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Abstract: This standard is for a Protection Profile for Hardcopy Devices in a commercial information processing environment in which a moderate level of document security, network security, and security assurance are required. Typically, the day-to-day proprietary and nonproprietary information needed to operate an enterprise will be handled by this environment. This environment will be known as “Operational Environment B.”

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Introduction

This introduction is not part of IEEE Std 2600.2™-2009, IEEE Standard Protection Profile for Hardcopy Devices in IEEE Std 2600™-2008 Operational Environment B.

This document is a standard for a Common Criteria Protection Profile for Hardcopy Devices. It is intended to be used by manufacturers of Hardcopy Devices to write conformant Security Target documents for Common Criteria certification of their hardcopy device products. It may also be used to write conformant Protection Profiles for Hardcopy Devices.

This standard is related to IEEE Std 2600™-2008. IEEE Std 2600-2008 is a more general standard for hardcopy device security and contains a large amount of content that is beyond the scope of or otherwise inappropriate for a Common Criteria Protection Profile. The two standards are related by way of the compliance clause of IEEE Std 2600-2008. With some well-defined exceptions, 8.1.2 of IEEE Std 2600-2008 contains Security Objectives that are technically consistent with the Security Objectives (APE_OBJ) clause of this document. The exceptions to this consistency between IEEE Std 2600-2008 and this standard are distinguished by the use of the word “should” instead of “shall” in IEEE Std 2600-2008 and the absence of those objectives in this standard.

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Shah Bhatti
Peter Cybuck
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Akihiko Iwasaki

Harry Lewis
Takanori Masui
Yusuke Ohta
Ken Ota
Glen Petrie
Amir Shahindoust

Jerry Thrasher
Hiroki Uchiyama
Shigeru Ueda
Brian Volkoff
Bill Wagner
Sameer Yami

The following members of the balloting committee voted on this standard. Balloters may have voted for approval, disapproval, or abstention.

Carmen Aubry
Matthew Ball
Ying Chen
Danila Chernestov
Keith Chow
Paul Croll
Geoffrey Darnton
Nick Del Re
Russell Dietz

Lee Farrell
Randall Groves
Mark Henley
Werner Hoelzl
Raj Jain
Piotr Karocki
G. Luri
Michael S. Newman

Stephen Schwarm
Steven Smith
Brian Smithson
Thomas Starai
Jerry Thrasher
Thomas Tullia
Paul Work
Forrest Wright
Sameer Yami

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Michael Janezic, *NIST Representative*

Don Messina
IEEE Standards Program Manager, Document Development

Michael D. Kipness
IEEE Standards Program Manager, Technical Program Development

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1. Overview

1.1 Scope

This standard is for a Protection Profile for Hardcopy Devices in a commercial information processing environment in which a moderate level of document security, network security, and security assurance are required. Typically, the day-to-day proprietary and nonproprietary information needed to operate an enterprise will be handled by this environment. This environment will be known as “Operational Environment B.”

1.2 Purpose

The purpose of this standard is to create a security Protection Profile (PP) for Hardcopy Devices in Operational Environment B as defined in IEEE Std 2600TM-2008.¹

1.3 Application notes

Application notes are provided where they may contribute to the reader’s understanding. These notes, while not part of the formal statement of this Protection Profile, are included as an acknowledgment of the diverse uses of this document and are intended to provide guidance to its users.

¹ Information on references can be found in Clause 2.