
Information technology — Security techniques — Application security —

**Part 6:
Case studies**

Technologies de l'information — Techniques de sécurité — Sécurité des applications —

Partie 6: Études de cas

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/IEC JTC 1, *Information technology, SC 27, IT Security techniques*.

A list of all parts in the ISO/IEC 27034 series can be found on the ISO website.

Introduction

0.1 General

There is an increasing need for organizations to focus on protecting their information at the application level. A systematic approach towards increasing the level of application security provides an organization with evidence that information being used or stored by its applications is being adequately protected.

ISO/IEC 27034 (all parts) provides concepts, principles, frameworks, components and processes to assist organizations in integrating security seamlessly throughout the life cycle of their applications.

The application security control (ASC) is one of the key components of this document.

To facilitate the implementation of ISO/IEC 27034 (all parts) application security framework and the communication and exchange of ASCs, a formal structure should be defined for representing ASCs and certain other components of the framework.

0.2 Purpose

The purpose of this document is to provide examples of security guidance for organizations to acquire, develop, outsource and manage security for their specific applications through their life cycle.

0.3 Targeted Audiences

0.3.1 General

The following audiences will find values and benefits when carrying their designated organizational roles:

a) domain experts.

0.3.2 Domain experts

Domain experts contributing knowledge in application provisioning, operating or auditing, who need to

- a) participate in ASC development, validation and verification,
- b) participate in ASC implementation and maintenance, by proposing strategies, components and implementation processes for adapting ASCs to the organization's context, and
- c) validate that ASCs are useable and useful in application projects.

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Part 6: Case studies

1 Scope

This document provides usage examples of ASCs for specific applications.

NOTE Herein specified ASCs are provided for explanation purposes only and the audience is encouraged to create their own ASCs to assure the application security.

2 Normative references

There are no normative references cited in this document.