# Australian Standard™

Information technology—Security techniques—Guidelines for the use and management of Trusted Third Party services



This Australian Standard was prepared by Committee IT-012, Information systems—Security and identification technology. It was approved on behalf of the Council of Standards Australia on 29 January 2004 and published on 17 March 2004.

The following are represented on Committee IT-012:

Attorney General's Department
Australian Association of Permanent Building Societies
Australian Bankers Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Certification Forum of Australia
Department of Defence (Australia)
Department of Social Welfare New Zealand
Government Communications Security Bureau, New Zealand
Internet Industry Association
NSW Police Service
New Zealand Defence Force
Reserve Bank of Australia

### Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Web Shop at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards<sup>™</sup> and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

AS ISO/IEC 14516-2004

## Australian Standard™

Information technology—Security techniques—Guidelines for the use and management of Trusted Third Party services

First published as AS ISO/IEC 14516—2004.

#### **COPYRIGHT**

© Standards Australia International

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia International Ltd GPO Box 5420, Sydney, NSW 2001, Australia ISBN 0 7337 5763 4

#### **PREFACE**

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee IT-012, Information systems—Security and identification technology. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

This Standard is identical with, and has been reproduced from ISO/IEC TR 14516:2002, Information technology—Security techniques—Guidelines for the use and management of Trusted Third Party services.

The objective of this Standard is to provide guidance for the use and management of TTPs, a clear definition of the basic duties and services provided, their description and their purpose, and the roles and liabilities of TTPs and entities using their services.

As this Standard is reproduced from an international standard, the following applies:

- its number appears on the cover and title page while the international standard number appears only on the cover
- In the source text 'this International Standard' should read 'this Australian Standard'.
- A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		Australian Standard					
ISO/IEC		AS					
	Information technology—Security techniques—Key management— Part 1: Framework	11770.1	Information technology—Security techniques—Key management, Part 1: Framework				
ISO/IEC TR							
	Information technology—Guidelines for the management of IT security—Part 1: Concepts and models for IT Security	13335.1	Information technology—Guidelines for the management of IT security, Part 1: Concepts and models for IT Security				
	Information technology—Guidelines for the management of IT security— Part 2: Managing and planning IT Security	13335.2	Information technology—Guidelines for the management of IT security, Part 2: Managing and planning IT Security				
	Information technology—Guidelines for the management of IT security—Part 3: Techniques for the management of IT Security	13335.3	Information technology—Guidelines for the management of IT security, Part 3: Techniques for the management of IT Security				
	Information technology—Guidelines for the management of IT security—Part 4: Selection of safeguards	13335.4	Information technology—Guidelines for the management of IT security, Part 4: Selection of safeguards				

### **CONTENTS**

2 efor	ences					
2.1		Recommendations   International Standards				
2.2	Paired Recommendations   International Standards equivalent in technical content					
2.3		Additional References				
	-	S				
4.1 4.2		Security Assurance and Trust				
		on between a TTP and Entities Using its Services				
	4.2.1	In-line TTP Services				
	4.2.2 4.2.3	On-line TTP Services				
1.3		king of TTP Services				
	-	d Operational Aspects of a TTP				
5.1	_	ues				
5.2		ual Obligations				
5.3		bilities				
5.4	Security 5 4 1	Policy				
	5.4.1	Security Policy Elements Standards				
	5.4.3	Directives and Procedures				
	5.4.4	Risk Management				
	5.4.5	Selection of Safeguards				
		5.4.5.1 Physical and Environmental Measures				
		5.4.5.2 Organisational and Personnel Measures				
	5.4.6	5.4.5.3 IT Specific Measures				
	5.4.6	Implementation Aspects of IT Security.				
		5.4.6.1 Awareness and Training				
		5.4.6.3 Accreditation of TTP Certification Bodies.				
	5.4.7	Operational Aspects of IT Security				
	· · · · ·	5.4.7.1 Audit/Assessment				
		5.4.7.2 Incident Handling				
		5.4.7.3 Contingency Planning				
5.5	Quality o	f Service				
5.6	Ethics					
5.7	Fees					
nter	working					
5.1	TTP-Use	rs				
5.2	User-Use	r				
5.3	TTP-TTI	)				
5.4	TTP-Lav	v Enforcement Agency				
Maio	r Categorie	es of TTP Services				
7.1		mping Service				
	7.1.1 Time Stamping Authority					
7.2	Non-repu	idiation Services				
7.3	Key Management Services					
	7.3.1 Key Generation Service					
	7.3.2	Key Registration Service.				
	7.3.3	Key Certification Service				
	7.3.4	Key Distribution Service				
	7.3.5 7.3.6	Key Installation Service				
		Key Storage Service				
	7.3.7					



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation