

Australian Rail Network **Security Handbook** *Volume 2*

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Assessment of Security Related Risks in Rail Organisations (RAILRISK)

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Related Documents

An up to date list of related and supporting documents can be found via the Rail Industry Safety Standards Board web site at <http://www.rissb.com.au>.

Standards

- AS/NZS 4360:2004 Risk management, Sydney: SAI Global
- HB 436:2004 Risk Management HANDBOOKs Companion to AS/NZS 4360:2004: SAI Global
- HB 231:2004 Information security risk management HANDBOOKs, Sydney: SAI Global
- AS 4292.1-2006 Railway safety management - General requirements, Sydney: SAI Global
- AS 4292.2-1997 Railway safety management - Track, civil and electrical infrastructure, Sydney: SAI Global
- AS 4292.3-1997 Railway safety management - Rolling stock, Sydney: SAI Global
- AS 4292.4-1997 Railway safety management - Signalling and telecommunications systems and equipment, Sydney: SAI Global
- AS 4292.5-1997 Railway safety management - Operational Systems , Sydney: SAI Global
- AS 4292.7-2006 Railway safety management - Railway safety investigation, Sydney: SAI Global
- Legislation
- Rail Safety Act 2002 (NSW)
- Private Security Act (NT)
- Rail Safety Act 1996 (SA)
- Rail Safety Act 1997 (Tas)
- Rail Safety Act 1998 (WA)
- Rail Safety Act 2006 & Rail Safety Regulations 2006 (Vic)
- Railway Safety and Corridor Management Act 1992 (NZ)
- Security Industry Act 2003 (ACT)
- Security Industry Act 1997 (NSW) & Security Industry Amendment Act 2005 (NSW)
- Security And Investigation Agents Act 1995 (SA)
- Security Providers Act 1993 (Qld)
- Security And Investigations Agents Act 2002 (Tas)
- Private Security Act 2004 (Vic)
- Security And Related Activities (Control) Act 1996 (WA)
- Private Investigators and Security Guards Act 1974 (NZ)
- Security Legislation Amendment (Terrorism) Act 2002 (Commonwealth)
- Commonwealth Places (Application Of Laws) Act 1970 (Commonwealth)
- Intelligence Services Act 2001 (Commonwealth)
- Maritime Transport And Offshore Facilities Security Act 2003 (Commonwealth)
- Workplace Video Surveillance Act 1998 (NSW)
- Workplace Surveillance Act 2005 (NSW)
- Privacy and Personal Information Protection Act 1998 (NSW)
- Surveillance Devices Act 1999 (Vic)
- Information Privacy Act 2000 (Vic)
- Privacy Act 1988 (Commonwealth)
- Public Records Act 2002 (Qld)

- Terrorism (Commonwealth Powers) Act 2002 (Qld)
- Terrorism (Commonwealth Powers) Act 2002 (NSW)
- Terrorism (Commonwealth Powers) Act 2002 (SA)
- Terrorism (Commonwealth Powers) Act 2002 (Tas)
- Terrorism (Commonwealth Powers) Act 2003 (Vic)
- Terrorism (Commonwealth Powers) Act 2002 (WA)
- Terrorism (Emergency Powers) Act 2003 (NT)
- Terrorism (Police Powers) Act 2002 (NSW)
- Terrorism (Community Protection) Act 2003 (Vic)
- Occupational Health And Safety (Commonwealth Employment) Act 1991 (Commonwealth)
- Occupational Health And Safety Act 1989 (ACT)
- Occupational Health And Safety Act 2000 (NSW)
- Work Health Act (NT)
- Workplace Health And Safety Act 1995 (Qld)
- Occupational Health, Safety And Welfare Act 1986 (SA)
- Workplace Health And Safety Act 1995 (Tas)
- Occupational Health And Safety Act 2004 (Vic)
- Occupational Safety And Health Act 1984 (WA)
- Health and Safety in Employment Act 1992 (NZ)
- Injury Prevention, Rehabilitation, and Compensation Act 2001 (NZ)
- Environmental Planning and Assessment Amendment (Infrastructure and Other Planning Reform) Act 2005 (NSW)

RISSB HANDBOOKS

- Security Handbook Vol 1 - Managing Security Related Risks in Rail Organisations

Other

- Attorney-General's Department (2005) National Counter-Terrorism Plan, Canberra: CoA
- Department of Transport and Regional Services (2004) Guide to Preparing a Land Transport Security Plan, Canberra: Department of Transport and Regional Services, Canberra: DOTARS.
- Department of Transport and Regional Services (2004) Land & Water Based Mass Passenger Transport Systems, Risk Context Statement, Canberra: Department of Transport and Regional Services, Canberra: DOTARS.
- Department of Transport and Regional Services (2004) Land Transport Security Assessment Guidance Paper, Canberra: Department of Transport and Regional Services, Canberra: DOTARS.
- Commonwealth Attorney-General's Department (2005) Commonwealth Protective Security Manual, Canberra: CoA.

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1 Overview



1. Overview

1.1 Introduction

- 1.1.1 This document has been prepared as a guide for conducting a Security Risk Assessment for Rail Organisations (ROs). The approach taken in the guide recognises that, in the Australian context, ROs are best placed to determine the vulnerabilities of their own assets (being their people, property, information, operations, reputation and environment), as well as identifying appropriate preventative security measures and/or procedures and to develop appropriate Security Risk Management Plans (SRMP).
- 1.1.2 This HANDBOOK has been developed to expand on information available in Security Handbook Vol 1 Managing Security Related Risks in Rail Organisations. In addition to providing a systematic process, it also explains how that process fits with the overall management of security in a RO, and provides direction on how to make use of the process outcomes.
- 1.1.3 The RAILRISK framework aims to provide a means of identifying and managing those things that could happen (ie. the risks), and that might impact on the achievements of a RO's objectives, from a security perspective. RAILRISK is applicable to all activities, elements and functions at all levels across the RO and output from RAILRISK will be used to produce a SRMP.
- 1.1.4 It is not viable for protective security measures to be applied as a matter of course – they need to be commensurate with the level of risk applicable to the asset, resource or function to be protected. RAILRISK evaluates risk levels and the consequent allocation of resources to ensure that protective security measures accord with the determined levels of risk.
- 1.1.5 ROs should ensure that the security risk assessments take into account the legislative and other requirements of the respective governments of the state and territories in which they operate. ROs should utilise the AS/NZS 4360:2004 standard, the HB:436:2004 Risk Management Handbook, and the HB 167:2006 Security Risk Management Handbook, or an equivalent risk management standard as mandated by their accredited Safety Management System (SMS), in combination with this HANDBOOK when completing their security risk assessments.

1.2 Purpose

- 1.2.1 RAILRISK provides a framework based on the widely accepted risk management process from AS/NZS 4360, to enable ROs to demonstrate that the identified risks have been adequately analysed and evaluated, and that appropriate preventative security strategies have been identified to treat those identified risks.
- 1.2.2 This document will extend the risk management process to provide additional detail in respect of the following:
 - a. The application of mandatory minimum standards (legislation and regulations);
 - b. Comparative benefit analysis of risk treatment options, including potential impost on resources;
 - c. The development of action plans to ensure that selected treatment options are implemented and monitored; and
 - d. A formal mechanism for sharing responsibility for a security risk that cannot be managed effectively by the risk owner.
- 1.2.3 Finally, documented output from the security risk assessment will contribute to the production of a SRMP, which can be updated through future iterations of the framework.