

Security Handbook for Small to Medium Rail Transport Operators

Volume 1





This Rail Industry Safety and Standards Board (RISSB) product has been developed using input from rail experts from across the Rail Industry. RISSB wishes to acknowledge the positive contribution of all subject matter experts and DG representatives who participated in the development of this product.

The RISSB Development Group for this Guideline consisted of representatives from the following organisations:

Aurecon Group KiwiRail VLine Corporation Department of Transport Victoria Marling Group Jacobs Group (Australia) P/L Transport for NSW

Development of this Guideline was undertaken in accordance with RISSB's accredited processes. It was approved by the Development Group, endorsed by the Standing Committee, and approved for publication by the RISSB Board.

I commend this Standard to the Australasian rail industry as it represents industry good practice and has been developed through a rigorous process.

Deb Spring

Exec. Chair / CEO

Rail Industry Safety and Standards Board

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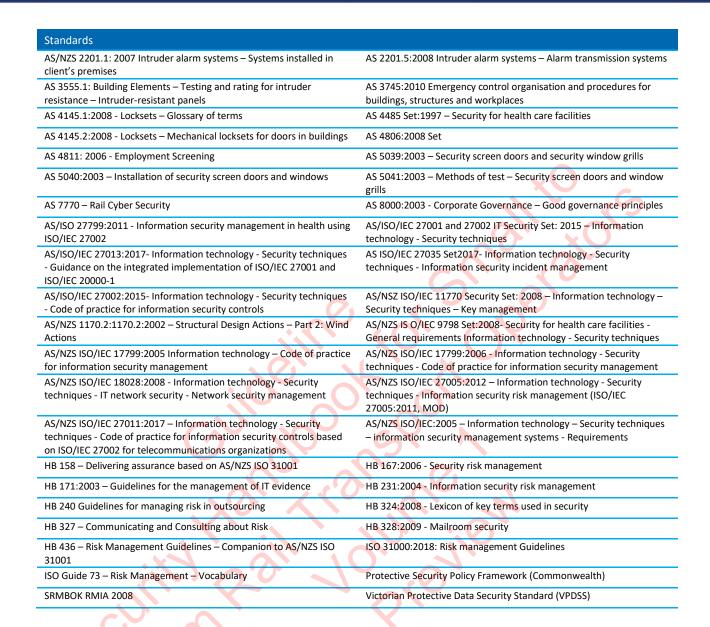
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Hazard table

Hazard number	Hazard	Section addressing
3.2	A breach of security	All sections
3.3	Harm to an organisation	All sections



Contents

1	Introduc	ction	7
	1.1	Background	7
	1.2	Structure and Application	7
	1.3	Purpose	8
	1.4	Terminology	8
2	Roles a	nd Responsibilities	8
	2.1	Developing the Security Risk Management Program (SRMP)	8
3	Security	Risk Management	
	3.1	Overview	10
	3.2	Integrated Safety, Security and Emergency Risk Management	10
	3.3	Risk Assessment	
4	Rail Tra	nsport Security Risk Management Strategies	18
	4.1	Rail Transport System Characteristics	18
	4.2	Security Principles	18
	4.3	Personal Security	21
	4.4	Physical Security	29
	4.5	Operational Security	
	4.6	Information Management and Electronic Security	38
	4.7	Incident Reporting and Recording	
	4.8	Privacy	42
5	Security	/ Exercises	
	5.1	Rationale for Security Exercises	43
	5.2	Progression of Exercise Program Development	43
	5.3	Categories of Exercises	
	5.4	Steps in Process	
6	Annexe	S	48
	6.1	List of Annexes	48
	0		
Anr	exes		
Ann	exe A	Glossary of Security and Emergency Risk Management Terms	49
Ann	exe B	Example Security Risk Management Program Roles & Responsibilities M	atrix52
Ann	exe C	Example Security Threat Alert Level System	53



1 Introduction

1.1 Background

It is an unfortunate fact today that our rail transport systems face challenges in protecting passengers, staff, information, physical assets, and their reputations, from security related risks. There are also regulatory obligations that introduce specific requirements with respect to security.

International tragedies involving rail have highlighted the potential scale of risks faced by the industry. The country's rail transportation systems are essential services, yet they are designed to be accessible, and their very function is to concentrate passenger and/or freight flows in ways that can create vulnerabilities for threats sources, such as criminals and terrorists to exploit. Prospects of defending against each of these vulnerabilities through traditional means, such as guards, guns, and gates, are dim. The rail transportation system is simply too large, and the threats faced too diverse and ever changing for such blanket approaches to work. While the likelihood of a terrorist attack on rail operations in Australia or New Zealand is much lower than the probability of being impacted by localised threats, the rail industry considers that it has the responsibility to ensure that its operations are as safe as possible. The industry agrees that while operations vary significantly, the identification and management of security related risks should be undertaken in accordance with a consistent framework.

Rail transport operators (RTOs) have an obligation to manage all safety and security risks so far as is reasonably practicable (SFAIRP) in accordance with the Rail Safety National Law and Regulations.

Each accredited organisation is required to have a safety management system of which security management forms a part.

The railway safety and security risk profile can best be achieved through security systems and programs that integrate with all aspects of operations and are deliberately designed to deter security threat sources, taking a risk-based approach.

This Handbook has been developed to support small to medium operators, whether they transport people or freight or both, with meeting their regulatory and corporate objectives with respect to security risk management. Larger RTOs have established and mature security systems which are commensurate with their levels of risk. However, the underlying principles would apply across the rail industry.

1.2 Structure and Application

This Handbook has been developed to assist smaller to medium sized RTOs with effectively managing security related risks. It should be read in conjunction with Handbook 2, which provide guidance in the implementation of security strategies.

This Handbook recommends a more bespoke framework for the application of security risk management in the Australian and New Zealand rail industries, to support less-complex operations. It is a fluid document that will be monitored and refined in order to maintain international best practice for transport security.

This Handbook is subordinate to any relevant legislation or regulation concerning rail transport security.

It is recognised that differences in RTOs will necessarily introduce variations in the risk profiles of those using this Handbook. This document has therefore been designed to be used as the basis for developing and implementing security policy, procedures, systems, and practices, which are contextually relevant to individual RTOs, within a consistent framework.

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