

Digital safety

5. Appendix

Useful resources

- RIS/0745-CCS Iss 1, Client Safety Assurance of High Integrity Software-Based Systems for Railway Applications
- BS EN 50126:2017: Railway Applications - The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS)
- BS EN 50716:2023: Railway Applications — Requirements for software development
- Common Safety Method for Risk Evaluation and Assessment (CSM-RA)
- IET Code of Practice, Cyber Security and Safety
- Risk Management Maturity Model (RM3)
- National Cyber Security Centre Cyber Assessment Framework (CAF)
- IEC 63452, Railway applications - Cybersecurity

Glossary of terms

Acronym or abbreviation	Full name
4LM	Four Lines Modernisation

Acronym or abbreviation	Full name
AI	Artificial Intelligence
AsBo	Assessment Body
ATO	Automatic Train Operation
BCP	Business Continuity Plan
CAF	Cyber Assessment Framework
CSM-RA	Common Safety Method for Risk Evaluation and Assessment
DRP	Disaster Recovery Plan
ERTMS	European Rail Traffic Management System
HSWA	Health and Safety at Work Act
ICP	Independent Competent Persons

Acronym or abbreviation	Full name
ISA	Independent Safety Assessment
LRSSB	Light Rail Safety and Standards Board
MHSW	Management of Health and Safety at Work Regulations 1999
NCSC	National Cyber Security Centre
NIS	Network and Information Systems Regulations 2018
OES	Operators of Essential Services
OT	Operational Technology
PUWER	Provision and Use of Work Equipment Regulations 1998
RAIB	Rail Accident Investigation Branch
RAMS	Reliability, Availability, Maintainability and Safety

Acronym or abbreviation	Full name
RDG	Rail Delivery Group
RM3	Risk Management Maturity Model
ROGS	Railways and Other Guided Transport Systems (Safety) Regulations 2006
RSSB	Rail Safety and Standards Board
SMS	Safety Management System
TSR	Temporary Speed Restriction

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