

RCRS 2026 Workshop: A Practical Guide for Applying IEC 63452 To A Live Railway Project

90-minute workshop agenda			
Time	Activity	Format and focus	Output
0–10 min	Welcome, context and objectives	Introduce IEC 63452, the assessor perspective and the CYBER Monorail Santiago pilot. Set the central question: what evidence would give an assessor confidence that cybersecurity is being managed through the railway lifecycle?	Shared understanding of the challenge and workshop method.
10–20 min	From regulation to the railway lifecycle	Facilitator introduces the established RAMS V-lifecycle	Common lifecycle and assessment framework.
20–25 min	Pilot briefing and group allocation	Present a concise CYBER Monorail Santiago scenario, assumptions and available project evidence. Allocate lifecycle stages across groups; smaller groups may cover more than one stage.	Clear task, boundaries and allocated lifecycle stages.
25–45 min	Group exercise: assess implementation by lifecycle stage	For each allocated stage, groups identify: cybersecurity considerations; applicable IEC 63452 elements; accountable roles and interfaces; expected evidence.	Completed assessment canvas for each lifecycle stage.
45–62 min	Rapid report-back	Each group gives a concise report..	Consolidated lifecycle view, evidence expectations and key gaps.
62–72 min	Facilitator synthesis: practical assessment model	Compare group findings with an assessor-led pilot for SDLC. Highlight what appears to work in practice, where integration with RAMS is strongest and	Practical model linking IEC 63452 activities, RAMS

90-minute workshop agenda			
Time	Activity	Format and focus	Output
		where additional assurance is needed.	milestones and assurance evidence.
72–82 min	Operations and maintenance challenge	Groups consider how vulnerabilities, configuration changes, supplier updates, incidents and residual risks should be governed after handover.	Priority operational risks, controls, responsibilities and evidence.
82–88 min	Whole-room discussion: implementation barriers	Identify the most significant challenges to applying IEC 63452 on a real railway project and one practical action to overcome each challenge.	Ranked barriers and actionable mitigations.
88–90 min	Close and key takeaways	Summarise the assessor's critical questions and the minimum evidence needed to demonstrate credible lifecycle implementation.	Three takeaways for participants to apply on their own projects.

Participant takeaway: A practical assessor's checklist for linking IEC 63452 obligations to lifecycle activities, accountable parties and demonstrable evidence on a live railway project.