

Safety Services in Rail & Metro Sector:

Market Challenges:

All the Railway & Metro-line systems demand high degree of Safety Engineering built-in in addition to the country specific customizations along with high investments in terms of both capital as well as time. Owing to the impact on the traffic and common public, high degree of safety is imperative.

Solutions:

JRR SafeLogic are an upcoming & dynamic team of Engineers, with wide experience and vast exposure to several aspects of safety practices in Railway & Metro-Line Systems.

Wide experience and exposure to the International CENELEC norms, combined with local on field experience, enables us to provide cost & time effective solutions.



Areas of Expertise:

JRR SafeLogic services encompass, in both Main & Metro Line.

- Control Command and Signalling,
- Platform Safety Doors (PSD),
- Rolling Stock, Energy systems & SCADA.



Our Services:

More than 25 years of combined experience of the experts, majorly related to Design, Safety verification & validation and assessment, along with technical & documentation support.

Services are provided in technical collaboration & support with strong portfolio partners of international repute, including major ISA agencies (empanelled in RDSO), Engineering Consultants to conduct all aspects of safety integration & certification for products / systems.



We provide services under one roof for safety integration & certification, with competent local experts to suit customers' needs, budget and logistics. Our services include:

- ✓ RAM & Safety Analysis (Technical & Documentation support) of SIL4 systems as per EN 5012x.
- ✓ Safety Verification & Validation for both system and software as per EN 5012x
- ✓ Independent Safety Assessment as per EN 5012x
- ✓ Training – Rail / Metro Safety (Signalling, CENELEC Standards).
- ✓ Safety (SIL) Assessment of TVS / VAC systems for UG Metro Line.
- ✓ Competent Inspection Engineers (ICE / ISA).