



HOW IT WORKS

The RSS 3000 is based on the certified and proven ZKL 3000 RC technologies to further increase track work safety and railway capacity.

When the RSS 3000 is activated, it will trigger a specially designed signal interlocking configuration to provide a safe zone. This is protected by :

- setting the railway signals to red by activating track circuits
- diverting railway switches / points away from the protected area, or by inhibiting a train path / route.

The RSS 3000 is permanently installed inside the signal interlocking equipment room or lineside cabinet to allow track workers to complete their duties efficiently whilst in a position of safety.

Once the RSS 3000 is installed it can then be switched remotely via the Dual Inventive App MTInfo 3000 in a matter of seconds removing the need for track workers to be on track when taking protection.

THE SIGNAL INTERLOCKING CONFIGURATION IS ACTIVATED BY THE RSS 3000 TO ESTABLISH A SAFE WORKING ZONE, THIS MUST BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH THE RELEVANT INFRASTRUCTURE CONTROLLERS RULES AND PROCEDURES.

WHAT ARE THE BENEFITS

The RSS 3000:

- can be used in conjunction with the ZKL 3000 RC providing further additional protection.
- can inhibit entire train paths or routes, providing larger safety zones with a single device.
- is permanently installed inside signalling equipment rooms or cabinets.
- can be switched remotely creating a work safety zone within seconds.
- will give track workers more time on site to complete the task.

IMPORTANT FACTS

The RSS 3000:

- Is 'Fail safe' and SIL 4 (safety integrity level) approved.
- ZKL 3000 RC users will experience a seamless transition to operating the RSS 3000.
- It does not require any maintenance and can be simply removed.
- It is the size of a BR932 relay so it will fit in a standard relay rack.

MTINFO 3000

MTInfo 3000 is a SIL-4 rated management platform using safe and cyber-secure remote-control technology operated through a smartphone, tablet or computer (iOS / Android) cabinets.

A SAFE AND SECURE CLOUD PLATFORM (SIL 4 RATED)

The App enables the planner / user to:

- operate the ZKL 3000 RC remotely
- obtain data in real-time
- monitor and control devices within a project