

What is the RSS 3000 (Remote Safety Switch)?

- The RSS 3000 is a remote-controlled high safety integrity switch that can be used to protect people and plant by creating safe work zones.

It can:

- Secure railway signalling assets
- Earth/Isolate OLE and Third/Fourth Rail Traction Systems
- Establish controlled, verified protection zones
- Deliver fail-safe safety to SIL 4 standards, repeatably



How it works

Additional Signal Protection

When activated, the RSS 3000:

- Drives railway signal interlocking
- Places defined signals to danger (safe state)
- Prevents unintended train movements within the protected zone

Key operational features:

- Remote or local, manual operation
- Activated and deactivated in seconds – remotely using cloud-based MTinfo 3000 app
- Fit and forget – 10-year design life



Seamless integration

The RSS 3000 integrates:

- with existing signal interlockings
- with other safety products such as ZKL 3000 RC, RDI 3000, and other RSS 3000s.

This enables flexible provision of protection across larger and more complex worksites



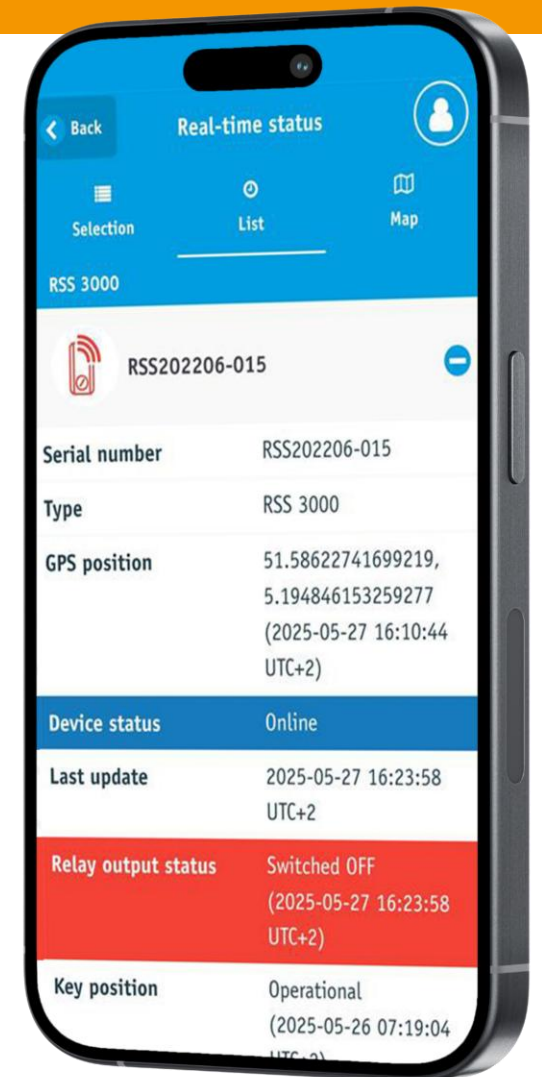
Remote Control & Visibility

All RSS 3000 devices are:

- Switched and monitored via Dual Inventive's secure, sovereign, cloud-based control platform (MTinfo 3000 web/app) – real-time visibility and control
- Continuously monitored for status assurance

This provides:

- Verified and validated protection zone control
- Improved operational confidence
- Secure, auditable signalling safety management – protected against unauthorised access



Why the RSS 3000?

The RSS 3000 delivers:

- Improved worksite safety
- Reduced reliance on manual process
- Faster, more reliable and repeatable protection
- Safe and secure activation and monitoring

The RSS 3000 doesn't just protect worksites – it Transforms Rail Safety! Setting a new benchmark for modern railways signalling protection.

