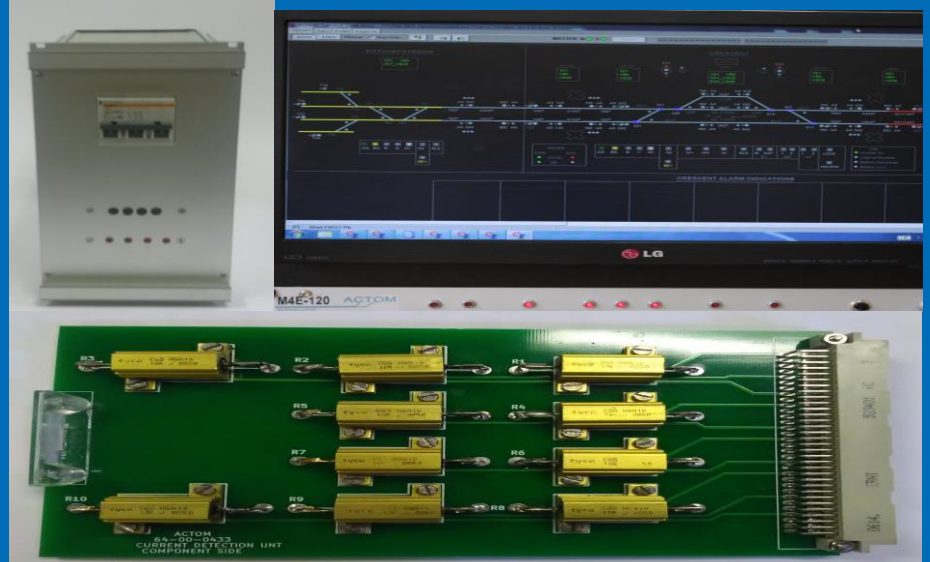


Actilock – Electronic Interlocking

With the changing of the railway environment and the new operating platforms that is available, ACTOM has developed an Electronic Interlocking.

- The hardware platform for the electronic interlocking is SIL 4 which allows for a high degree of application flexibility.
- This application flexibility allows the station layout and country specific signalling rules to be configured in South Africa by ACTOM engineers to suit the user requirements.
- The communication is done with Safe Ethernet which allows for both centralised and decentralised configuration.



ACTOM developed:

- The hardware interfaces to control the points sets and signal aspects
- A way to interface with older type relay based interlocking at adjacent stations
- A software interface to CS90 remote control systems

The country specific signalling rules have been based on the approved HR97 geographical interlocking system.

ACTOM has demonstrated full compliance with the latest Required Operating Capability for Interlocking Version 4 in all aspects of the development.

TRANSPORT
Signalling

ACTOM