

Modern railway control systems enable a high level of automation for rail operations and thus make a considerable contribution towards optimal usage of the existing infrastructure. Control systems permit the implementation of optimised timetables and flexible interlocking control. They also relieve operators of routine tasks.

For the purpose of ensuring that railway operations are handled safely, conveniently and cost-effectively, the Controlguard Iltis integral control and information system has been used in Switzerland for about the last ten years.

Within the context of an ambitious project, Siemens Switzerland Ltd, Mobility is implementing a «control system without boundaries» and is expanding the es-

tablished Controlguard Iltis control system into a system of optionally networkable cells. This means that Controlguard Iltis is gaining new properties and becoming a networkable control system, Controlguard Iltis N. The following key benefits are featured by Controlguard Iltis N.

#### **Flexibility in operational usage**

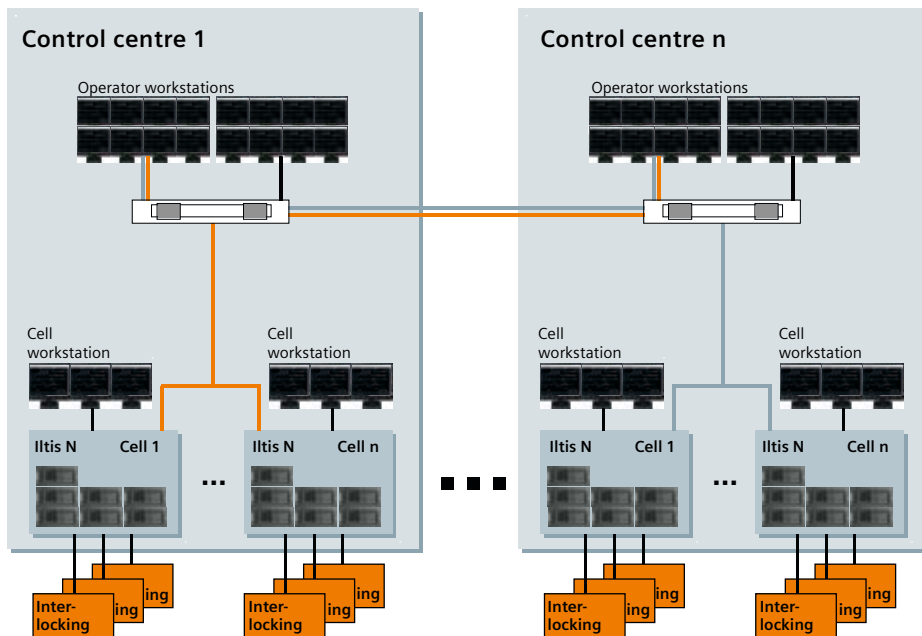
The allocation of lines and junctions to operator workplaces is flexible and can be optimally adjusted to traffic situations.

#### **Enhanced availability**

The overall system consists of networked autonomous subsystems. The architecture of Controlguard Iltis N enhances the system's redundancy and ensures that a complete failure of the control system is virtually impossible.

# Controlguard Iltis N

## Centralisation and cross-cell operation



Operations management can be concentrated at one or several locations.

### These features offer you the following benefits:

- PC workstation with full-graphics interface
- scalable system from local interlocking console through to complex control centre
- integrated timetable database with automatic route setting
- train tracking
- automatic signalling
- electronic route memory for controlled routes
- marshalling radio system for automated shunting
- overfill prevention
- connection of a wide range of different electronic interlockings and relay interlockings
- dispatching functions (connection assurance, conflict recognition, conflict resolution)

### Contact us

Benefit from our many years of experience and opt for our innovations. We will be delighted to submit you a proposal for implementation of your control system.