

## ZSI

### ZÖLLNER Signal Interface

#### Definition

The ZSI ZÖLLNER Signal Interface is an interface between the signalling interlocking and the Autoprowa® ATWS.

The ZSI ZÖLLNER Signal Interface detects train movements directly from the signalling system. Therefore, no treadles are required.

#### Operating Mode

The ZSI ZÖLLNER Signal Interface is particularly suitable for:

- Fixed installations of Autoprowa® ATWS systems
- Complex track-works (for example: junctions)
- Plug-In trackside operation (Use the Autoprowa® ATWS via ZSI ZÖLLNER Signal Interface only where and when necessary)



#### Key Benefits

The ZSI module has the following characteristics:

Direct interface to signalling interlocking

No treadles necessary

No need to access the track to set-up

Optimised warning time

Optional signal dwell integration

Independent concerning work intensity, location and duration of track works

Easily combined with all Autoprowa® components

## Functionality

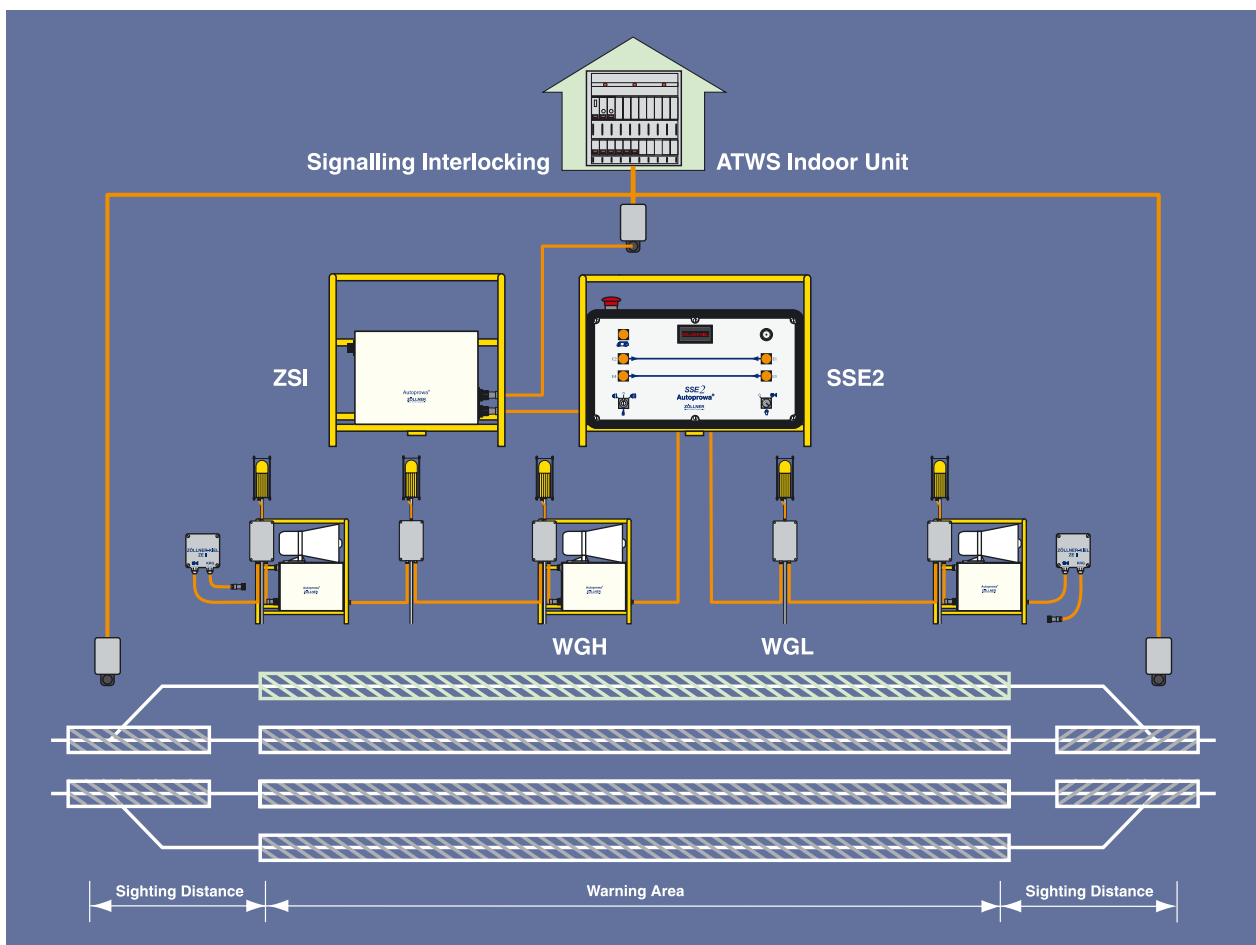
- Unlike the portable Autoprowa® ATWS system, the fixed installation obtains all train warnings directly from the signalling interlocking
- The signalling system's interlocking calculates the exact warning time by taking a pre-defined time for leaving the block
- The train detection is then transmitted to the ZSI ZÖLLNER Signal Interface which immediately starts to process this information
- The SSE control unit then activates the warning along the work site

## Components

- ZSI ZÖLLNER Signal Interface with failsafe power supply

## Technical Data

- IP Protection Class: IP65
- Voltage: DC 24 V
- Weight: 8 kg



Connection to the signalling interlocking