

TETRA Network Alive Check for Enhanced Security

Ensuring You Certainty

Whenever a critical situation occurs, for instance a lone worker alarm being raised, it is of great importance that the TETRA radio network is alive.

The Alive Check Module constantly verifies through heart beats, that the TETRA network and vital parts of the lone worker protection system is operational.

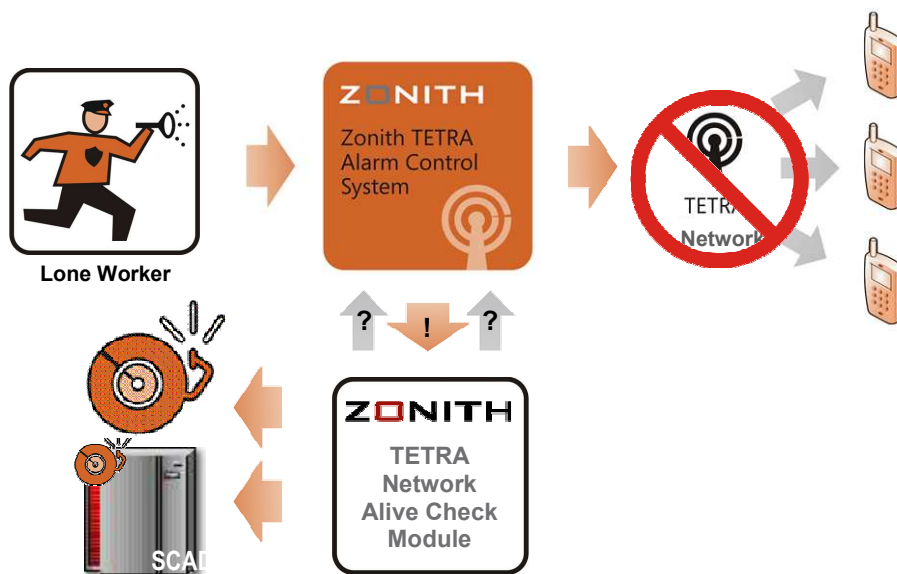
In case of a faulty network, the TETRA Network Alive Check Module warns the lone worker through lights, sound or it can notify other staff via SMS or the plant SCADA-system.

Functionality

The TETRA Network Alive Check Module consists of a small, robust piece of hardware, the Alive Check Unit, and a software package installed on a PC.

Through heart beats it continuously checks the network and selected vital parts of the lone worker protection system, and if it gets a faulty answer, the hardware will activate designated outputs.

These outputs typically activate warning lights, sound or SCADA-alarms. When the System is alive again, the relays in the Alive Check Unit are reset.



When the TETRA Network Alive Check Module detects an error, it quickly alerts the lone worker or other staff by means not dependent on the faulty system itself. It could be flashing lights or sirens. It can also reach any other designated personnel by SMS or through SCADA-systems.