

## What is POSS?



POSS is the preventive maintenance and failure diagnosis system developed by Strukton. The system remotely monitors the condition of systems and objects like switches, train detection, railroad crossings, etc. POSS registers everything that deviates from the norm and recognizes differences before they lead to a disturbance. The information is available through the internet and can be accessed at any time and any place.

Strukton has developed POSS® for application in Strukton's own maintenance and operational environment. As POSS® is a live active system used everyday, it makes POSS® particularly attractive for the new user. It is the user that should benefit from the system.

POSS® is an innovative and state-of-the-art monitoring system that moves railway maintenance and fault finding from a reactive process to a proactive process. The technology used is entirely internet based. The system consists of sensors along the tracks or in the train that transfer data via GPRS/GSM-R or fixed (glass fibre) connections to a centralised database linked to an internet web server. Running the appropriate application enables users to distribute, analyse, report and/or present the data as required.

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