



# RailWise™ Rail Fault Prediction and Logging

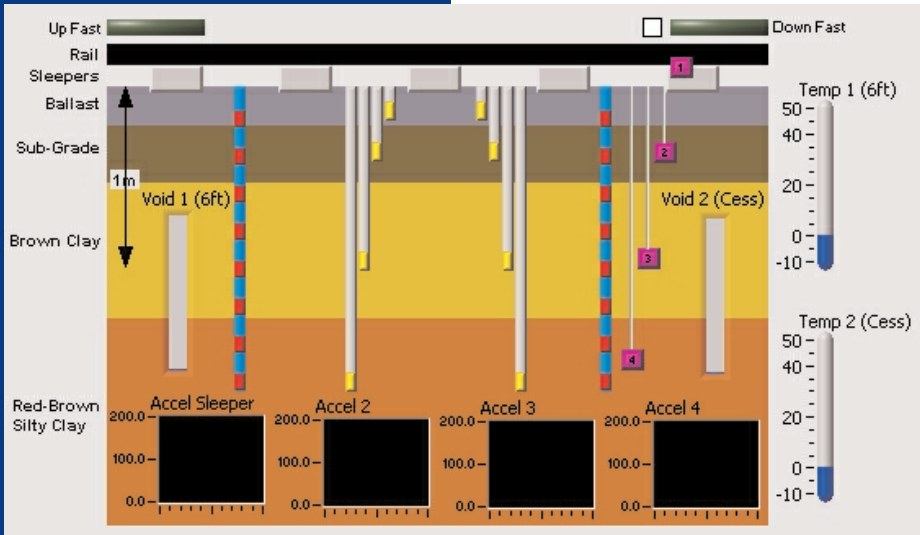
COMPUTER CONTROLLED SOLUTIONS LIMITED

CCS Teamed up with the University of Birmingham to investigate methods of fault prediction using network based data acquisition.

The result was a high speed 2 wire system which dramatically cuts down installation and wiring. Using the WorldFip™ fieldbus network deterministic data was retrieved from remote nodes monitoring points, level crossings, signals, track circuits and voids.

The RailWise™ system is fully adaptable to different transducers and has also been implemented in a Civil Engineering project to analyze track movement plus associated movement and porosity of the sub-surface layers.

As well as data acquisition and full replay functions the system analyses changes in modelled mechanical throw operations and predicts areas of possible future failure.



MAIN SCREEN



CCS NODE

HANSLOPE RACK



For Further information please contact Paul Riley

e-mail: [sales@ccsln.com](mailto:sales@ccsln.com)

Telephone: +44 (0)1926 430200

Fax: +44 (0)1926 430209