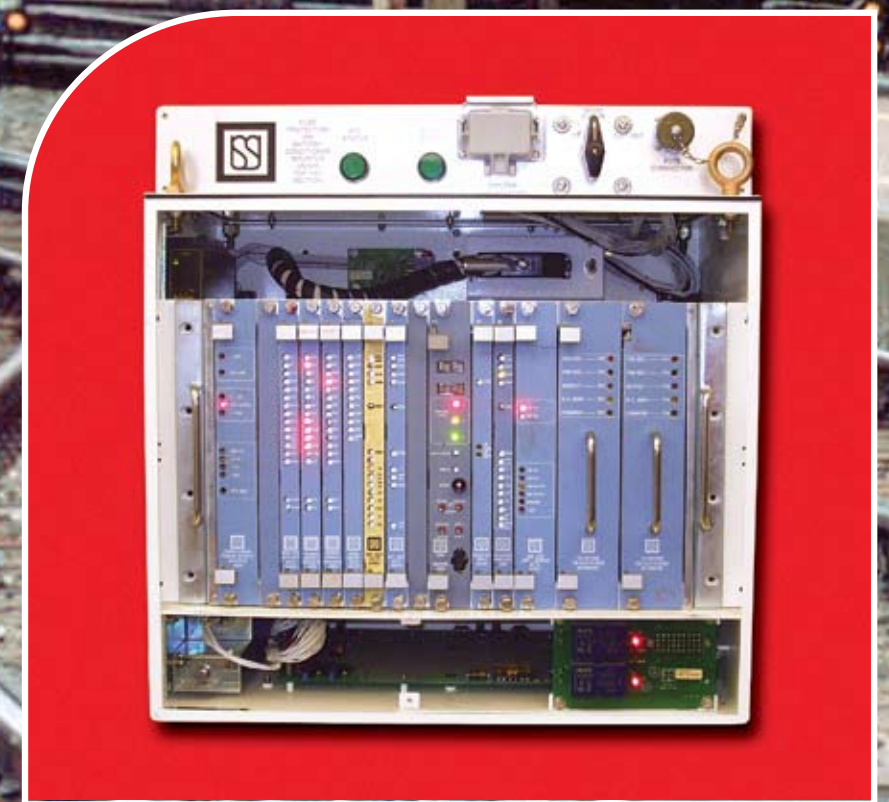
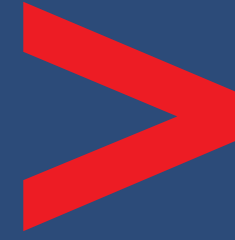


# VectorCAST

Embedded Software Testing



**An Essential Tool to Prove  
the Software Safety of**

**US&S On-board Control Systems**



Union Switch & Signal, Inc. (US&S), a wholly-owned subsidiary of Ansaldo STS, is a world leader in safety critical train control systems. US&S embedded systems for on-board control of trains and wayside signaling/control must pass rigorous software testing standards including CENELEC EN-50127, EN-50128, and EN-50129 and standards dictated by customers. US&S's use of VectorCAST/C++ as part of the embedded software lifecycle has been instrumental in achieving SIL-4 standards and satisfying independent software safety assessors.

**VECTOR**  
software

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