

Smart connectivity for EN50155 Railway Systems



B+B SMARTWORX

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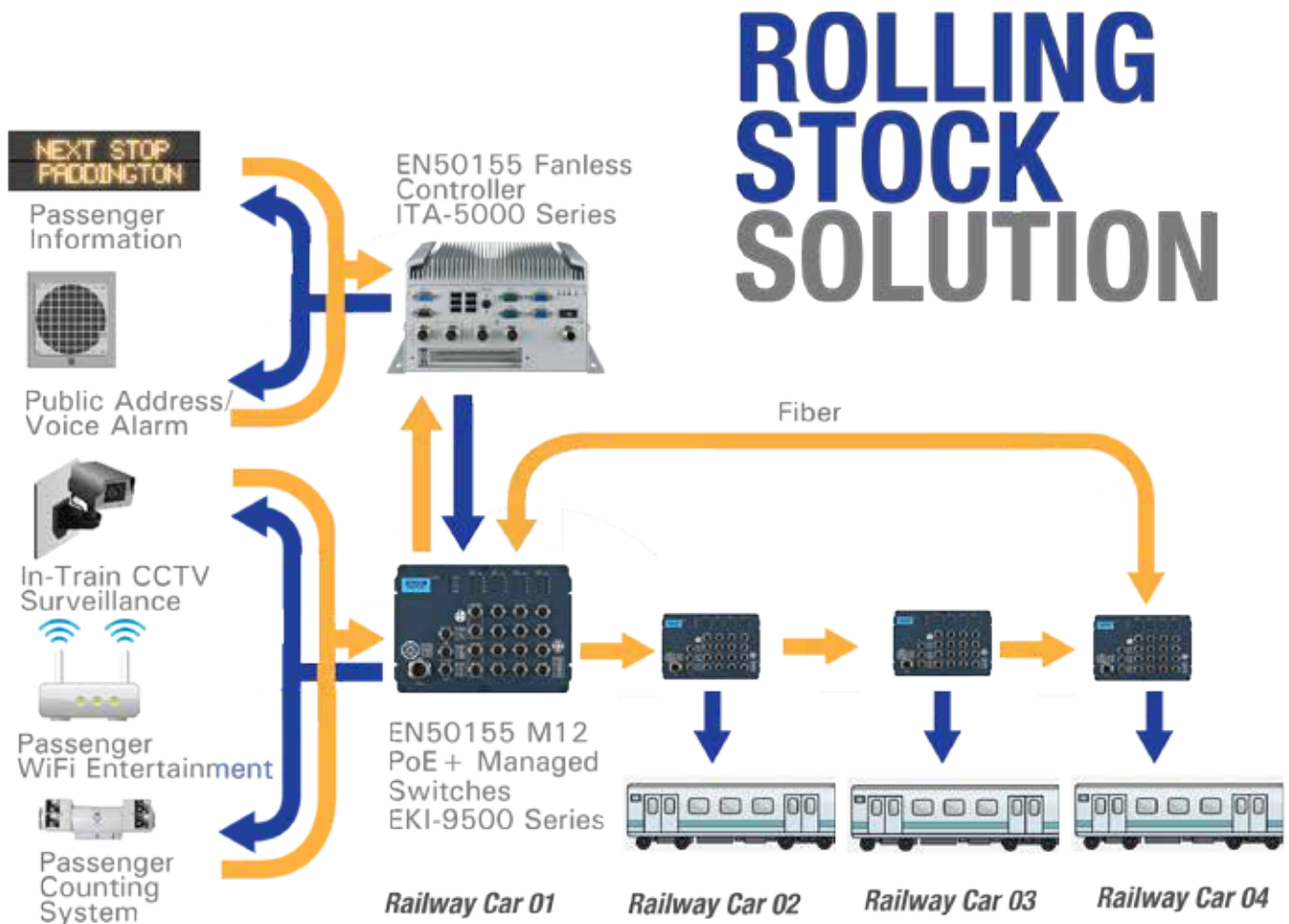
Intelligence at the Network Edge

INTELLIGENT INFRASTRUCTURE FOR RAILROADS

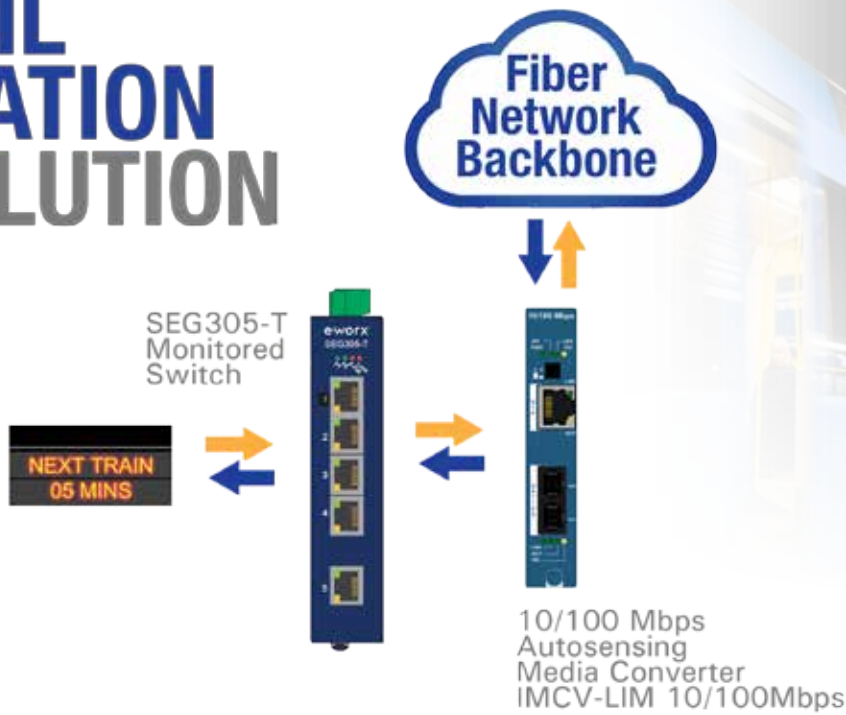
Reliable, industrial hardened products working together in Intelligent Infrastructure

An Advantech B+B SmartWorx customer needed a railroad management system that could stand up to difficult environmental conditions like heavy vibration while simultaneously providing rail travelers with timely information and in-car Wi-Fi, as well as providing security through features like CCTV surveillance and public address systems. The system would need to unite disparate data networking interfaces and protocols in a single, seamless system, bridging the gaps between a wide variety of data networking technologies.

With its full portfolio of data networking products, Advantech B+B SmartWorx was able to provide a complete solution.



RAIL STATION SOLUTION



ITA-5000 EN50155 Fanless Controller

Advantech B+B SmartWorx provided our customer with the EN50155 fanless controller, an extremely reliable computing system with the right features and certifications needed to handle multiple software scenarios in rolling stock applications. This was used to control in-car systems.

IMCV-LIM 10/100Mbps

Advantech B+B SmartWorx selected this industrial hardened, full gigabit managed media converter to provide the high bandwidth connection needed for dynamic passenger messaging sign management within a multiple control system.



EN50155 M12 PoE+ Managed Switches

Advantech B+B SmartWorx supplied our customer with the EN50155 PoE+ Gigabit Managed switch, to help create a reliable network backbone with the high bandwidth needed for efficient network traffic management between multiple systems.

SEG305-T Monitored Switch

Installing the iView² Network Management Software gives these switches basic monitoring and management capabilities. They bridge the gap between unmanaged switches and significantly more expensive, fully managed solutions. They are IEEE802.3az - Energy Ethernet switches that cut power usage by up to 60%



+ GLOBAL REACH FOR GLOBAL SUPPORT

You build your business and we will build your communication solution. Whether you need standard products or require special designs for specific applications – Advantech B+B SmartWorx can help.

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