



Welcome to Trackside Tech, KB Signaling's quarterly publication dedicated to sharing industry insight, technical expertise, practical experience, and product innovation.

Whether exploring modernization strategies, signaling fundamentals, emerging technologies, or new solutions, we aim to help rail professionals stay informed and connected in an evolving industry.

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Issue 9

FEATURED ARTICLES:

INDUSTRY INSIGHT

A Legacy of Experience. A Future of Connection.



Knowledge has always been one of the rail industry's most valuable assets. As experienced professionals pass along decades of expertise to the next generation, discover how KB Signaling is expanding access to technical knowledge, training resources, and industry insight to help support the future of railway signaling.

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MODERNIZATION IN PRACTICE

AFTC5®: Simplifying Modernization Through Experience



Modernization doesn't happen all at once. Railroads must often balance new technology with existing infrastructure, limited resources, and ongoing operations. Discover how decades of train detection experience helped shape AFTC5 and why simplicity

remains one of the most important factors in successful infrastructure modernization.

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TECHNICAL SPOTLIGHT

Understanding Track Circuit Performance



Track circuits play a critical role in supporting safe train movement, but their performance is influenced by more than equipment alone. Discover how configuration, monitoring, and environmental conditions affect train detection reliability and why understanding what "normal" looks like can be one of the most valuable tools for troubleshooting and long-term system performance.

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