

Overview of Trimble Rail Solutions

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Railway Business Area Director



Trimble in railways around the globe



CANADIAN
PACIFIC
RAILWAY

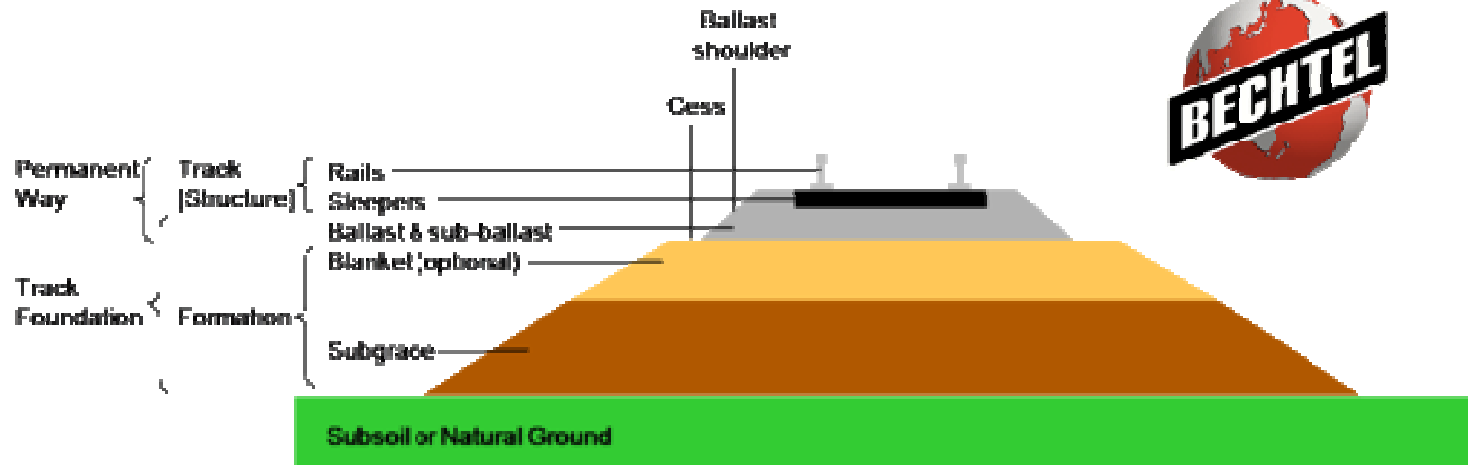
ProRail



Plasser American



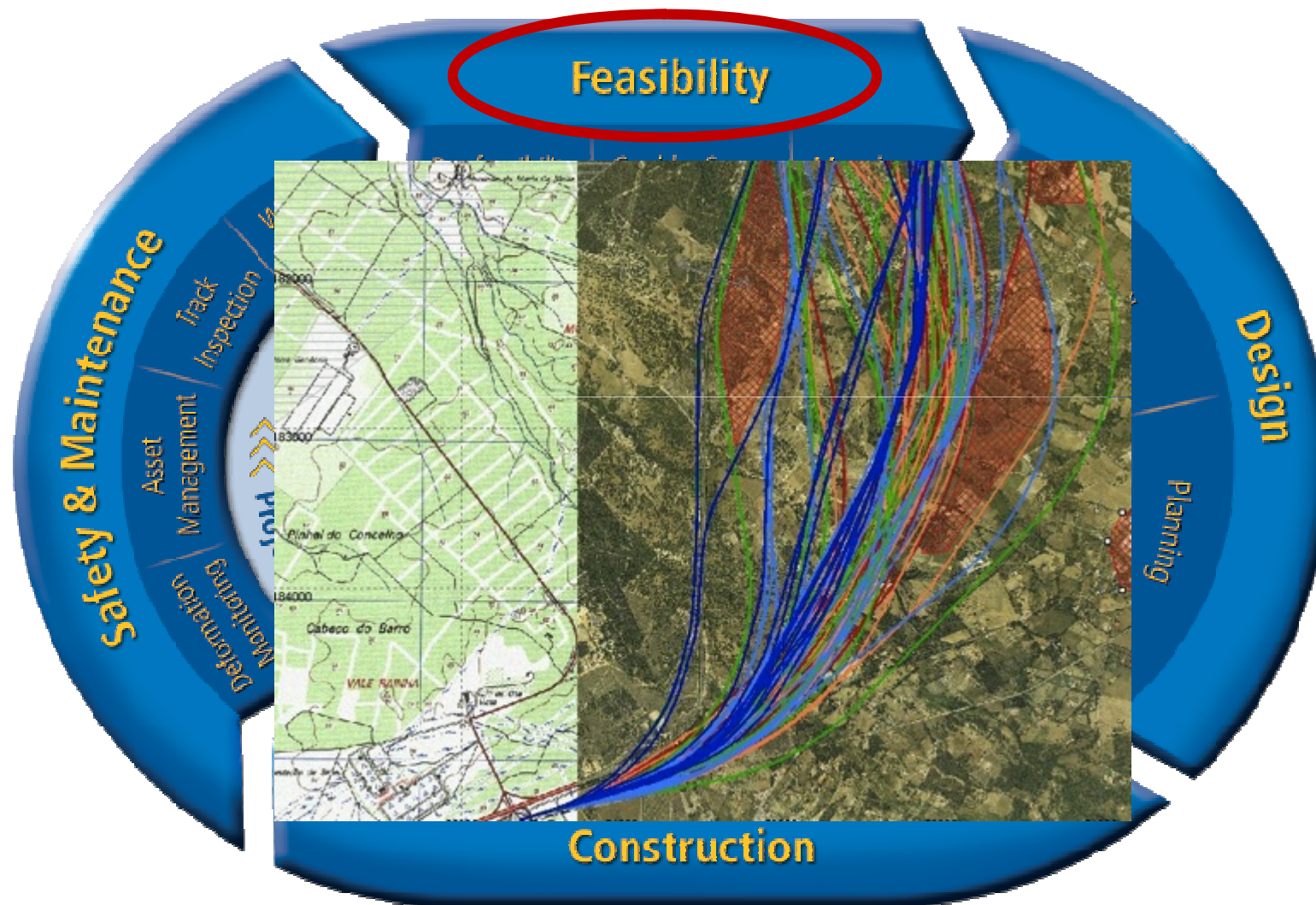
Balfour Beatty
Rail



From feasibility to maintenance...



Feasibility



Track foundation construction using digital construction technology



Off-track

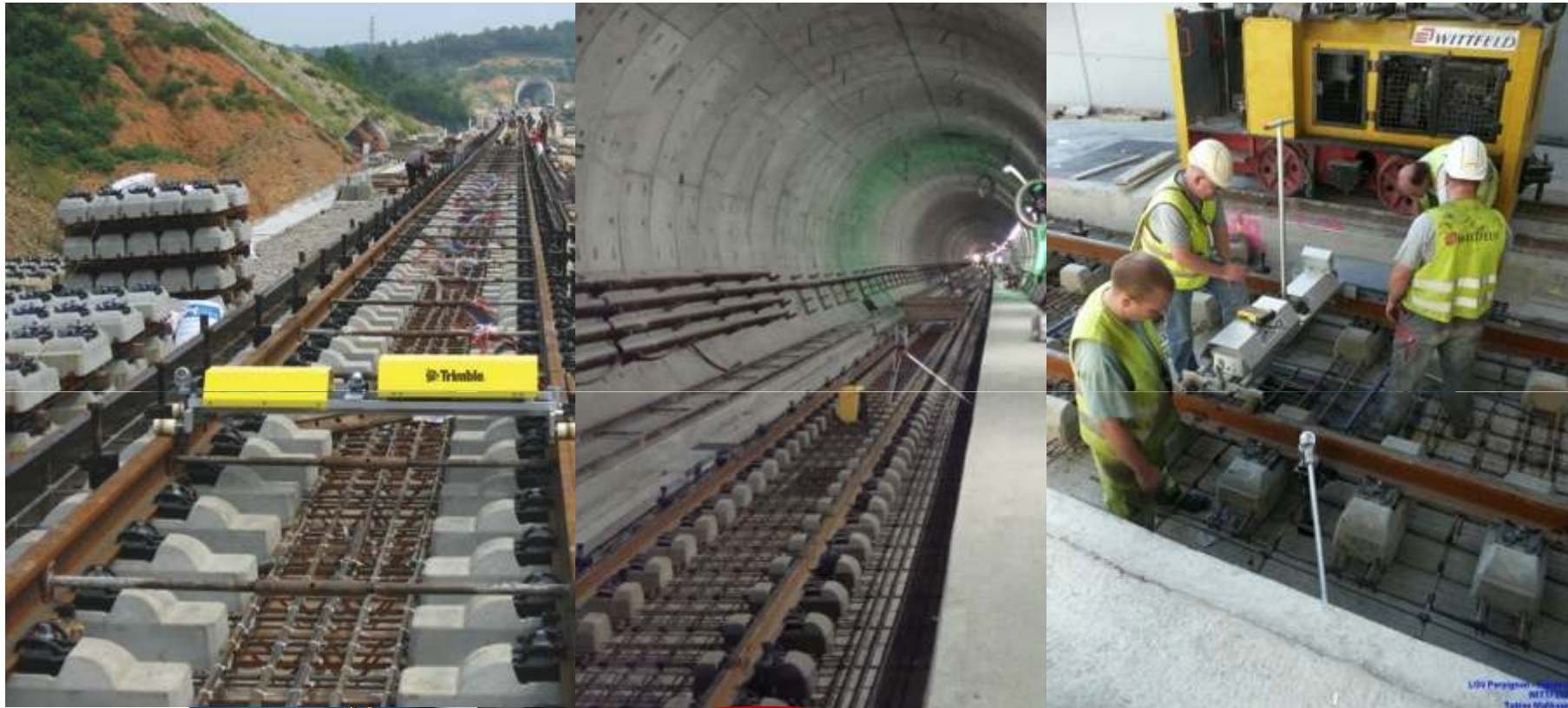
On-track

Tunnel
Construction

Railway Station
Construction

Construction

Slab track construction with as-built documentation to verify quality construction



Off-track On-track Tunnel Construction Railway Station Construction

Construction

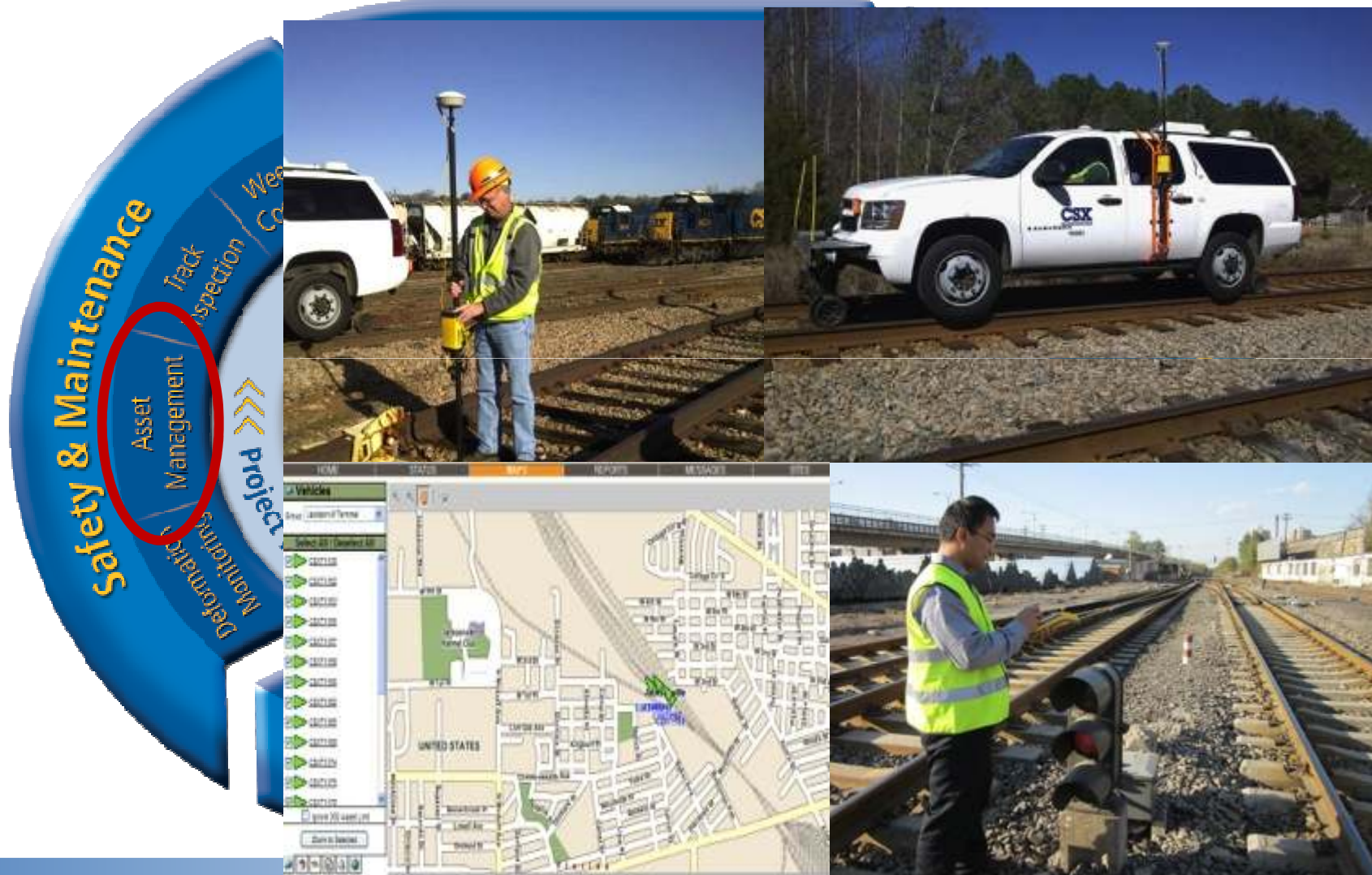
Pre-measuring to improve quality and performance of tamping operations



Track documentation to verify quality of ballast track construction



Fixed and mobile asset management for improved operational safety and performance



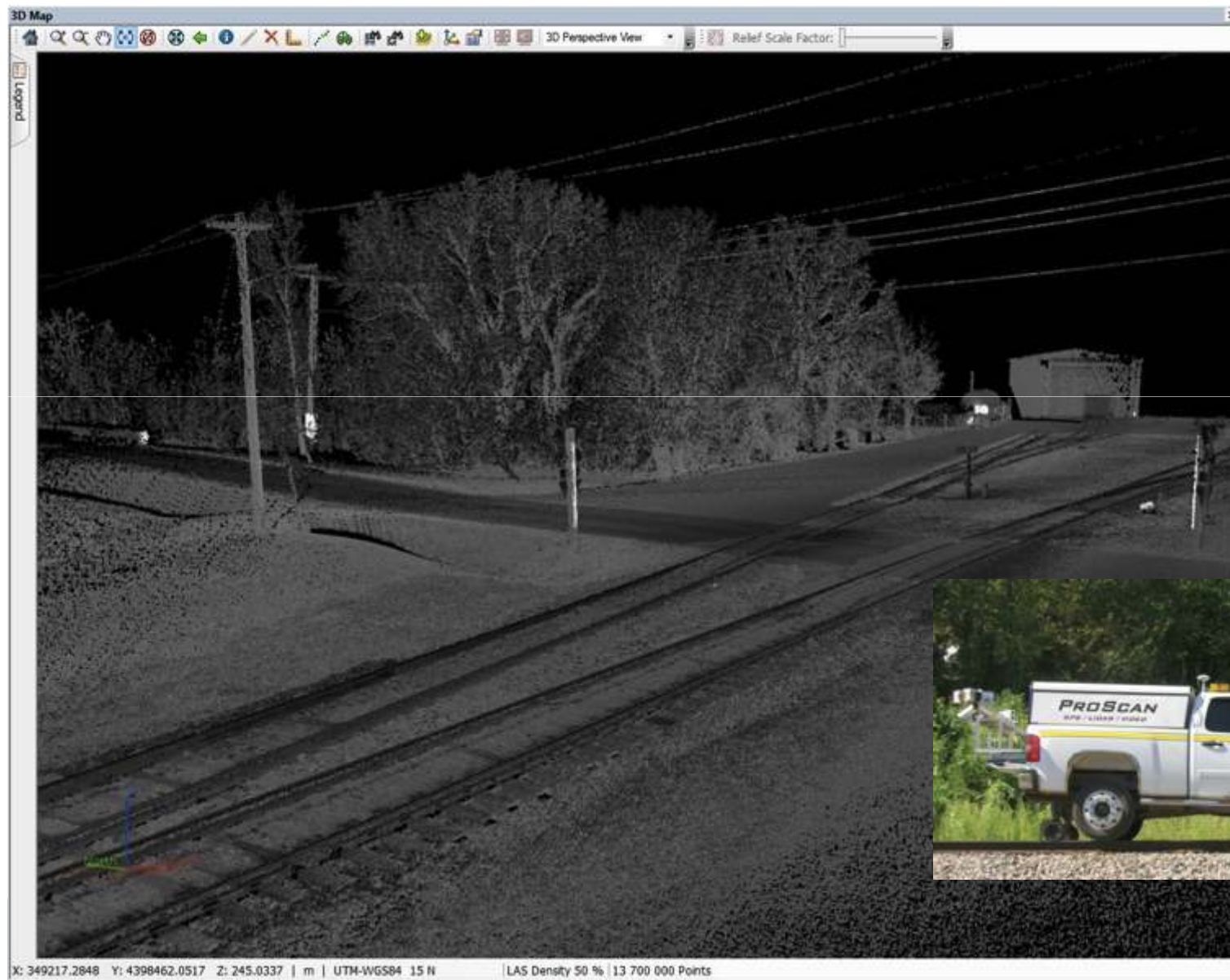
The future of data collection...



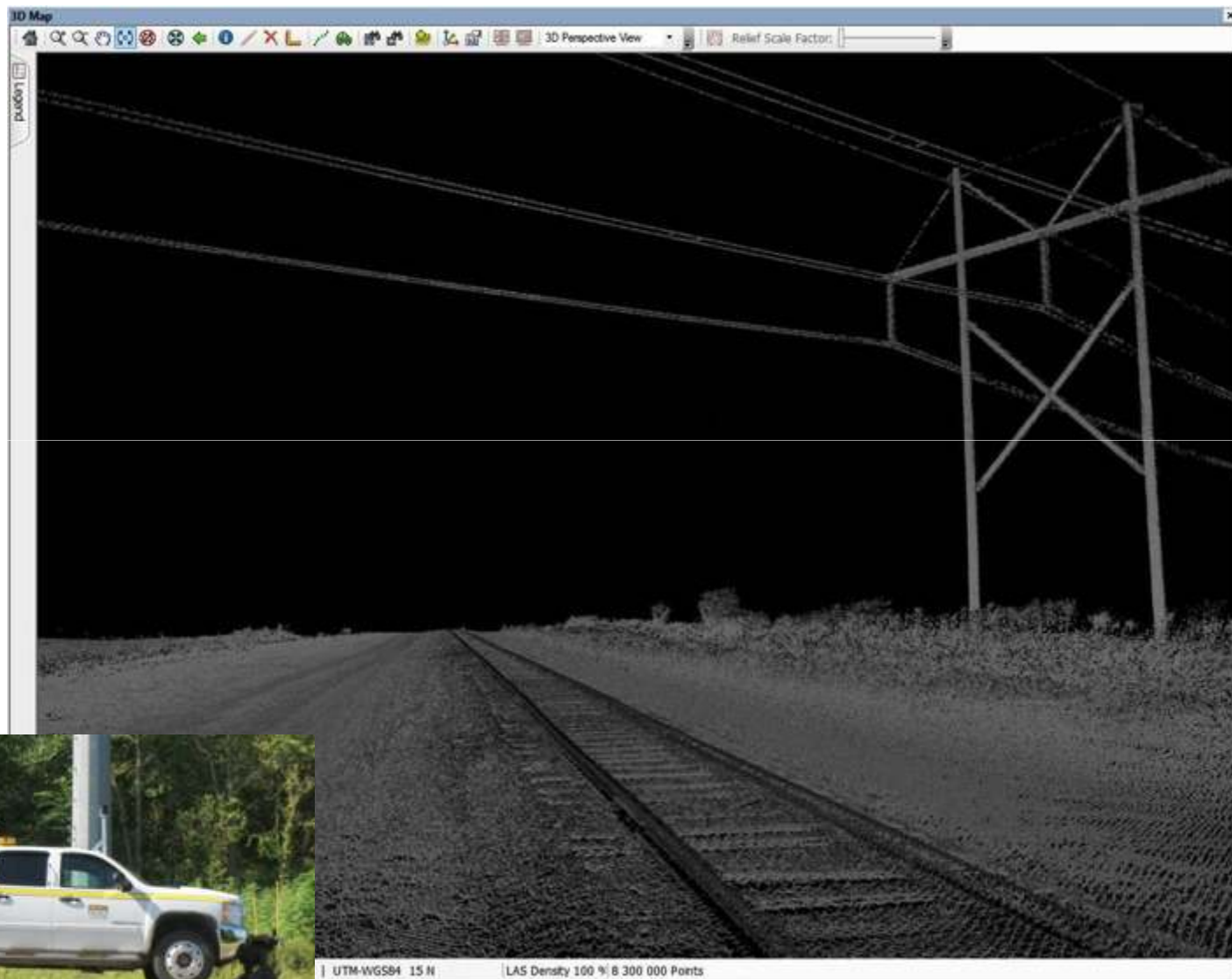
The future of data collection...



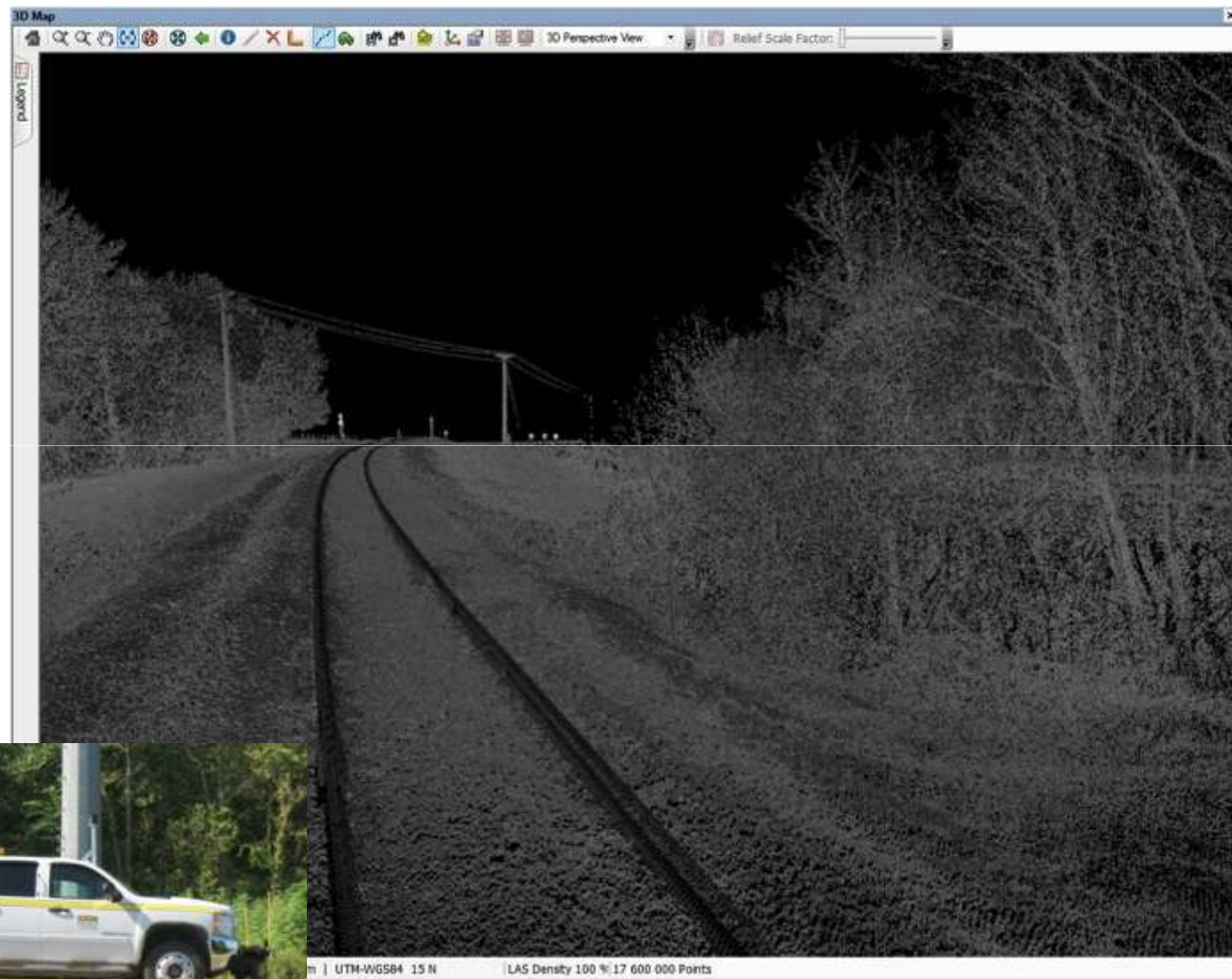
The future of data collection...



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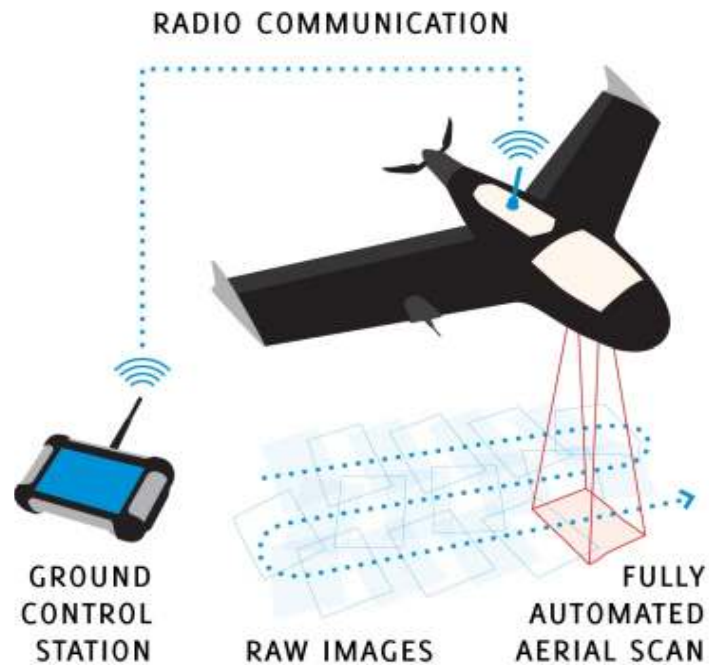


The future of data collection...

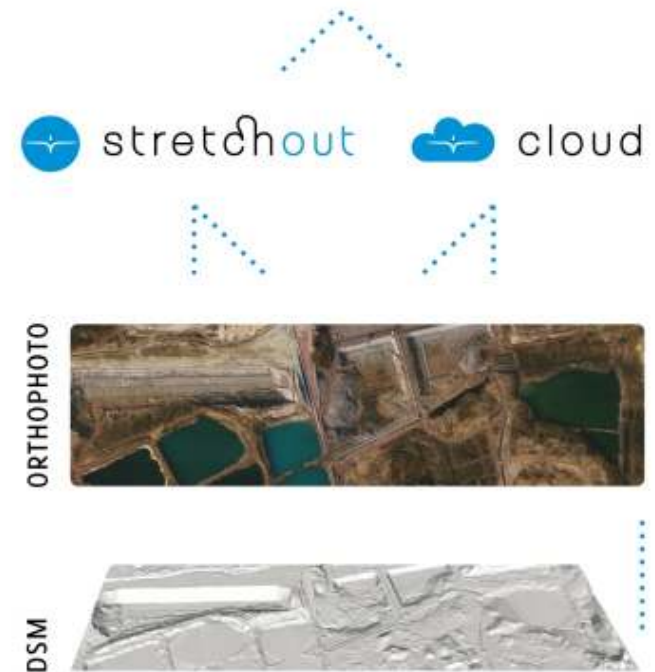


Building your GIS: Unmanned Aerial Systems

1 Image acquisition



2 Image processing



3 Application tools









OBRIGADO

