



DECISION QUALITY DATA

Unmanned Aerial Systems (“UAS”) have proven their value an essential tool in the effort to inspect and maintain infrastructure and key resources. Progress Rail’s mission is to capture decision quality data by utilizing state-of-the-art UAS technology to help our customers reduce costs, improve maintenance cycles and maintain operations while limiting personnel exposure. Our services require no track time and reduce the need for climbing on structures. We are capable of executing multiple inspections in a single track window, with lower costs than climbers or snooper trucks.

Progress Rail has a team of highly skilled UAS pilots, experienced in military and commercial aviation, coupled with a fleet of cutting edge aircraft and sensors. We are fully compliant with FAA regulations and requirements and have licensed pilots on staff. Our fleet and work is fully insured and backed up by our long experience in the field. Our crews are current with FRA bridge inspection training. We tailor the right service for each customer and work with you to develop comprehensive solutions to your operational and business challenges.

Progress Rail
A Caterpillar Company

614-753-0971

progressrail.com

• @Progress_Rail

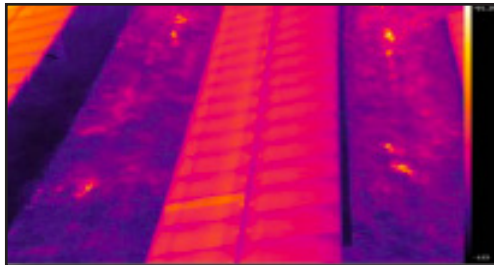
UNMANNED AERIAL INSPECTION

DATA PROCESSING AND DELIVERY

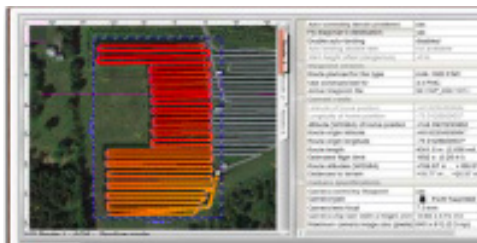
3D models with high definition image stitching - allows you to zoom, stretch and manipulate the inspected structure for better perspective on identified defects and locations.



Thermo Graphic Imaging identifies areas of your infrastructure that are releasing heat or energy.



GIS and mapping integration incorporates your data and analyses directly into any GIS or mapping interface for easier reference and access.



RAIL APPLICATIONS

- Bridge and structure inspection
- Vegetation inspection
- Derailment assessments in hard to reach locations
- Utility encroachment
- Public safety inspections
- Property services
- New construction

SENSOR CAPABILITIES

- HD images and 4K resolution video
- Thermal imaging
- LiDAR scanning
- Multi-spectral imaging

Progress Rail
A Caterpillar Company

614-753-0971

progressrail.com

• @Progress_Rail