



# GIV-INSPECTION-TECH™

## Infrastructure Maintenance

### Infrastructure On-Condition Inspections & Maintenance Solution

GIV-Inspection-Tech™ solution is an on-condition, prescriptive maintenance system that integrates proven cutting-edge technologies to inspect challenging indoor environments, drones, advanced imaging, and inspection technologies. The solution enhances engineering, maintenance, surveying, and upkeep while adhering to CSS standards for roads and railways structures.



The system incorporates leading technologies, including HxGN-EAM platform and Flyability's drones and technologies. Enabling the highest level of flexibility and adaptability.

### Integration & Global Standards

GIV-Inspection-Tech™ can be integrated with GIV-BMS™ Bridge Management System, and complies with the UK-CSS bridge inspection methodology.



#### Safety & Risk Reduction:

- Dramatically improved for workers/inspectors



#### Time Savings:

- Up to 90% faster inspections
- 75% less post-processing time



#### Cost Savings:

- Up to 75% reduced inspection & work costs



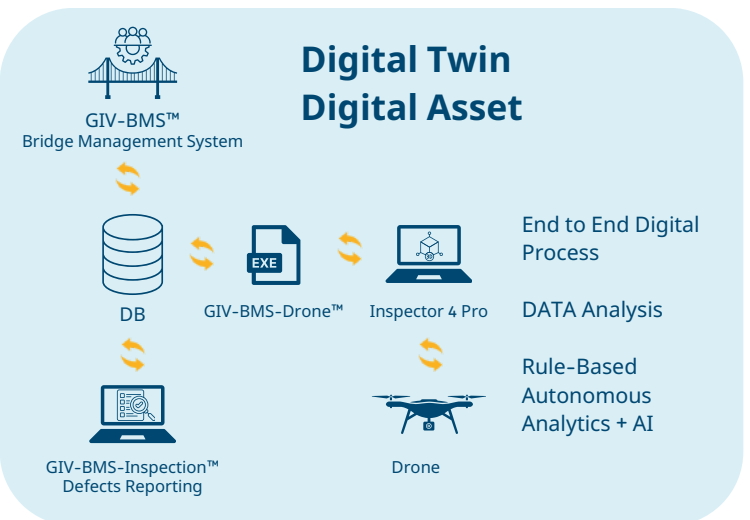
#### Digitalized End-to-End:

- Increased reliability & traceability
- Comprehensive inspection/condition reports

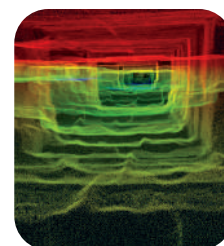


#### Digital Twin Capabilities:

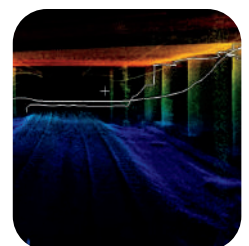
- Autonomous remedy recommendations
- High-quality 3D models, videos, photos



Indoor Drone Inspections



3D Scanning, Videos & Images



3D Model & Digital Reports