

ROLE OF SMART ICT IN THE DESIGN AND PLANNING OF INFRASTRUCTURE



“Innovation builds productivity”

ISSUES

- Productivity benefits
- Safety benefits
- Environmental Benefits
- Value – More for Less

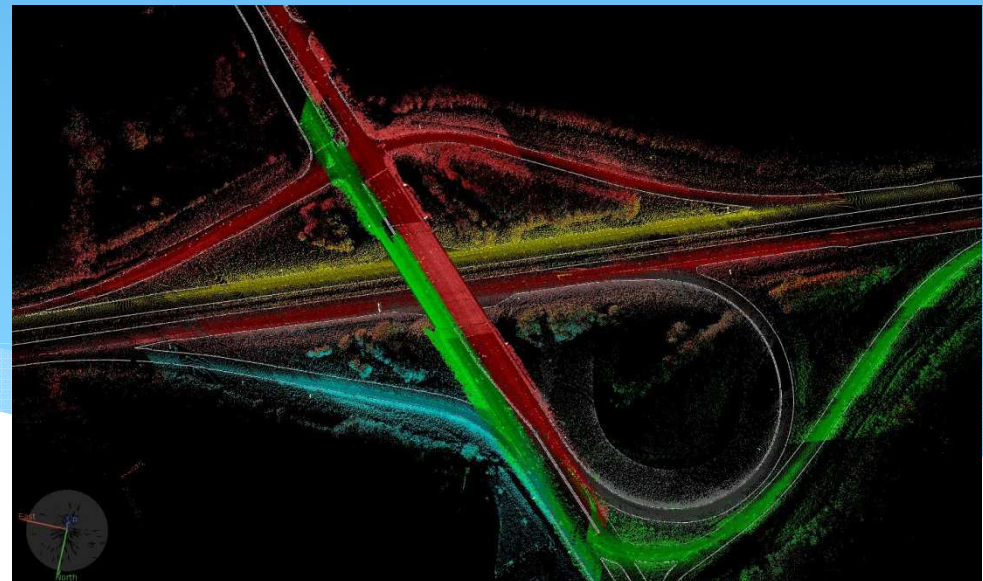
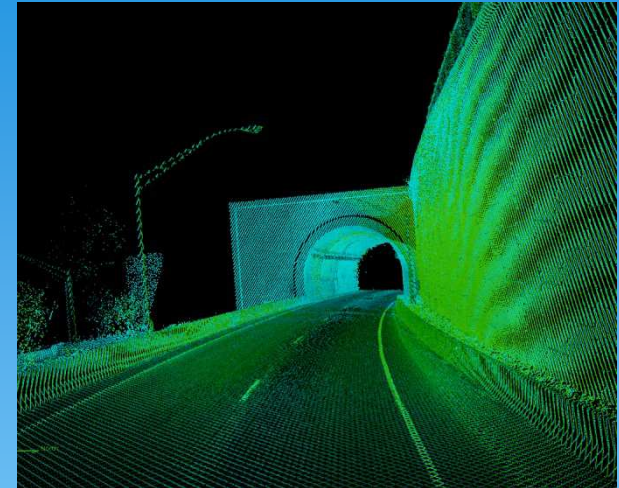
What is Mobile laser Scanning?

- State of the art vehicle-mounted system combining high-resolution photography, Laser and GPS
- This innovative technology is a major advancement and has the potential to significantly change how infrastructure surveys will be carried out in the future



FEATURES

- Accurate
- Comprehensive
- Fast
- Detailed



APPLICATIONS

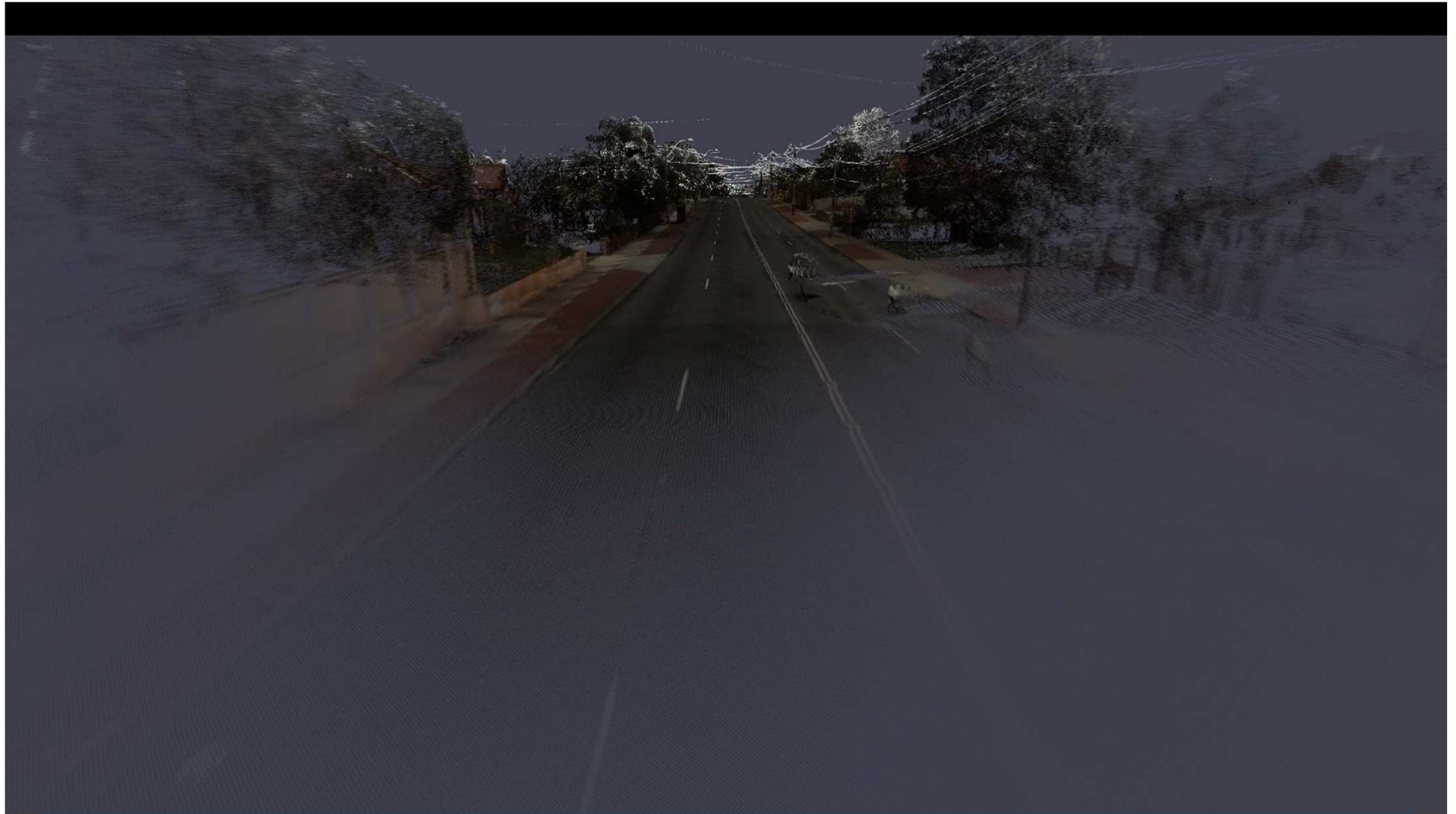
Enables as-built modelling, inventory, inspection, encroachment analysis, and asset management;

Solutions for roadways, bridges, railway, utilities and other infrastructure management;

Floodplain Mapping, Disaster Planning, Biomass, Environmental degradation and Land use mapping;



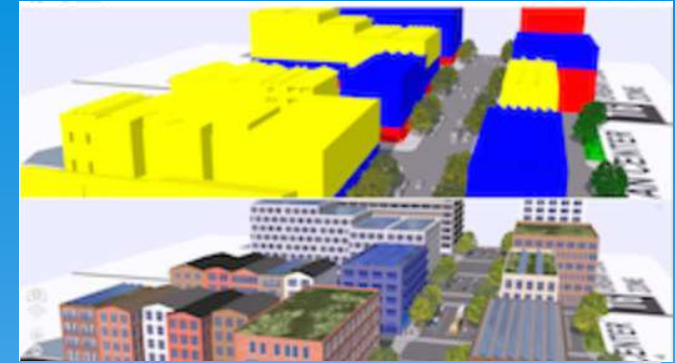
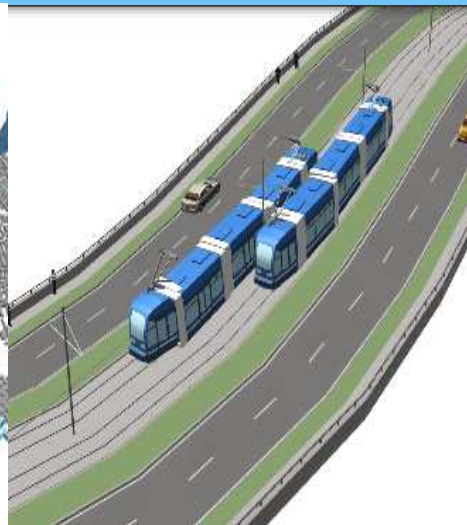
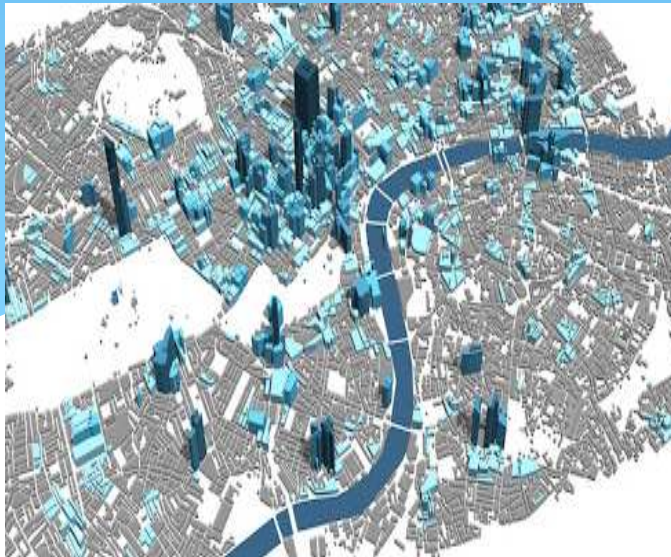






APPLICATIONS

- BIM & GIS
- TRANSPORT PLANNING
- URBAN PLANNING
- ASSET MANAGEMENT



BENEFITS

EFFICIENCY

Capture once – use many

Extract intelligent information automatically

VALUE

Rapid Collection of High Quality Data

Integrate with BIM & GIS

SAFETY

Reduce personal risk

Keep away from hazards



THANK YOU FOR YOUR TIME



BCE Survey has invested
in leading edge technology
that cuts time and cost,
while providing vast
quantities of useable data.

Knowledge is power

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