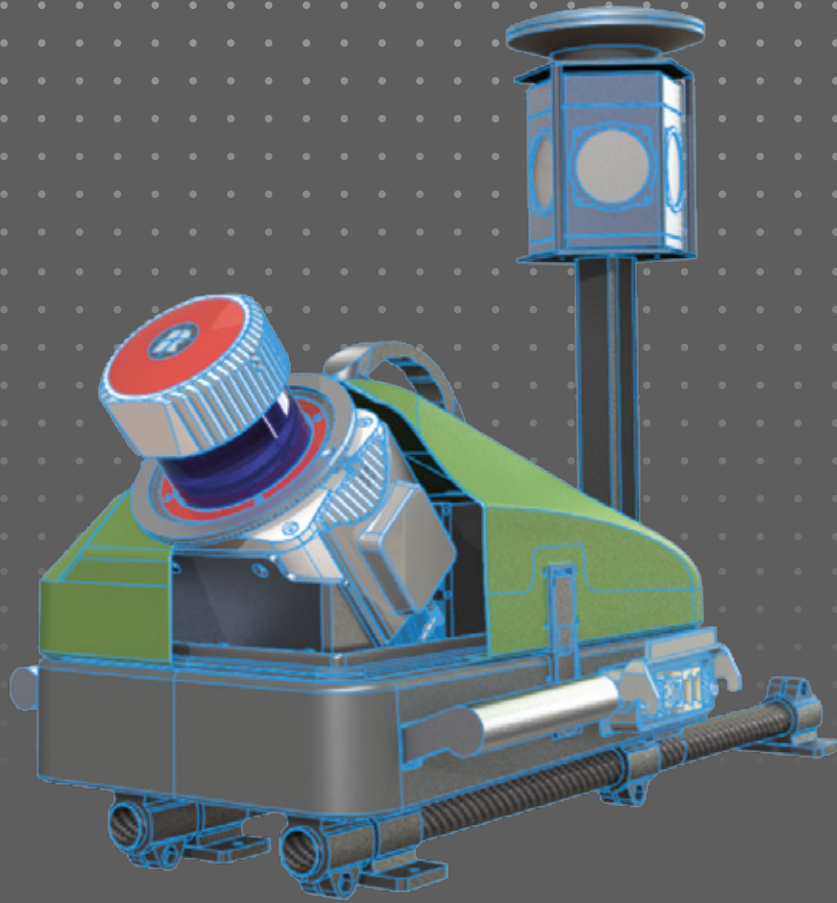


# STREETMAPPER IV

NEXT GENERATION MOBILE MAPPING



## ACCURATE

Survey grade accuracy



## AUTOMATED

Minimise data delivery times



## SIMPLE

Compact and user friendly

- City Modelling
- Change Detection

- Asset Mapping
- Landslide Monitoring

- Highway Maintenance
- Powerline Survey

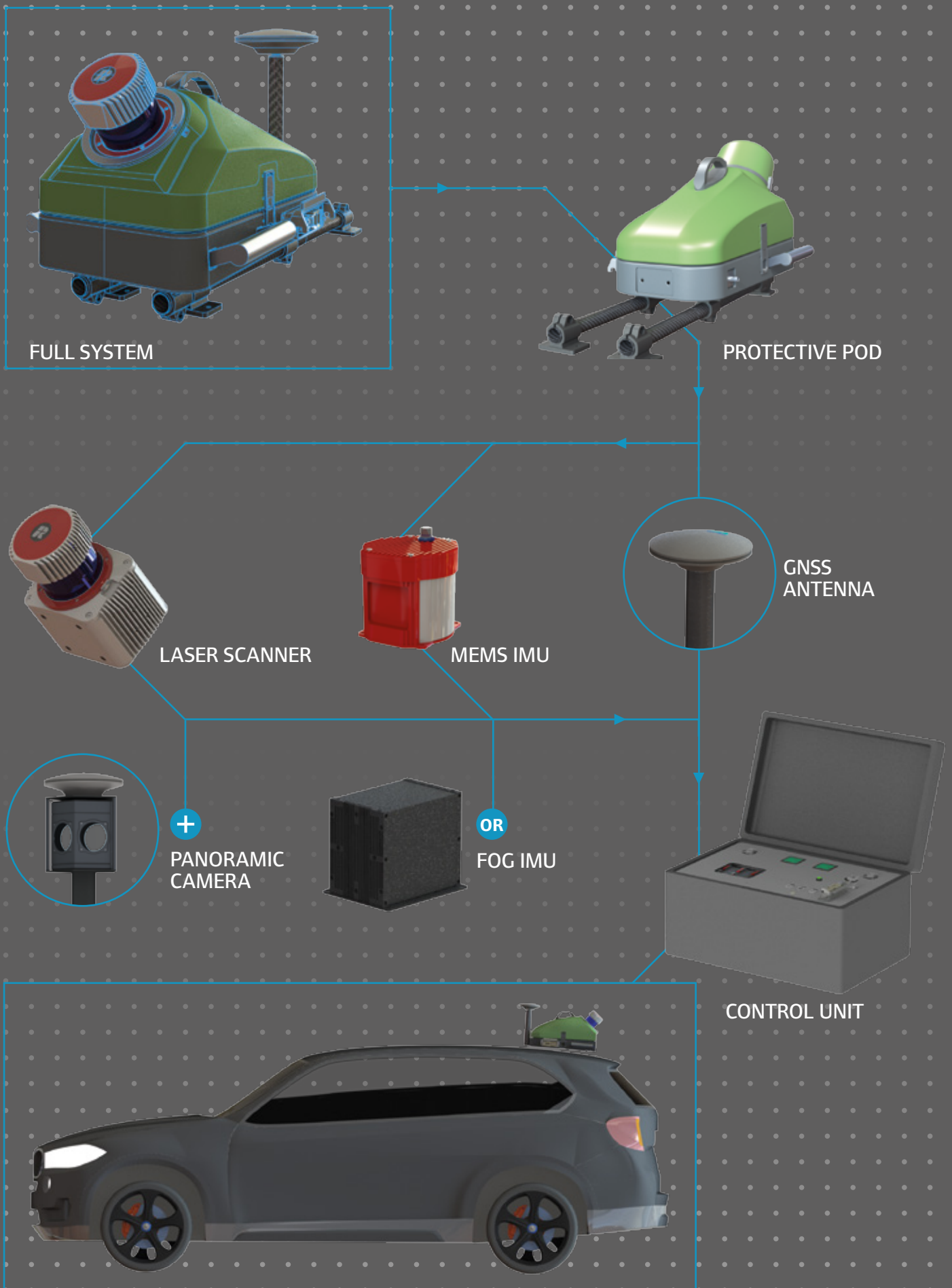
- Flood Modelling
- Clearance Mapping

INNOVATE, TRAIN, DELIVER

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# STREETMAPPER DIAGRAM



# WORKFLOW DIAGRAM

## DATA FROM SENSORS



Camera Data



Laser Data



GNSS Data



IMU Data

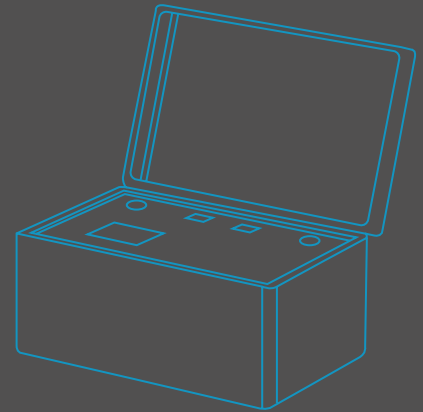
## HARDWARE/SOFTWARE

### Control unit

- Data storing
- Sensor communication
- Power management

### Capture software

- Real time data view
  - Image preview
  - Laser coverage
  - GNSS/INS performance
- Sensor configuration
- Capturing



## DATA PROCESSING

GNSS/ IMU Processing  
(Automated)

Laser geo-coding

Image geo-referencing

## OUTPUTS



LAS Point cloud



JPG geo- referenced  
images

## APPLICATIONS

- Surface models
- Precise measurements
- Feature extraction
- 3D modelling
- Change detection
- Vectorising



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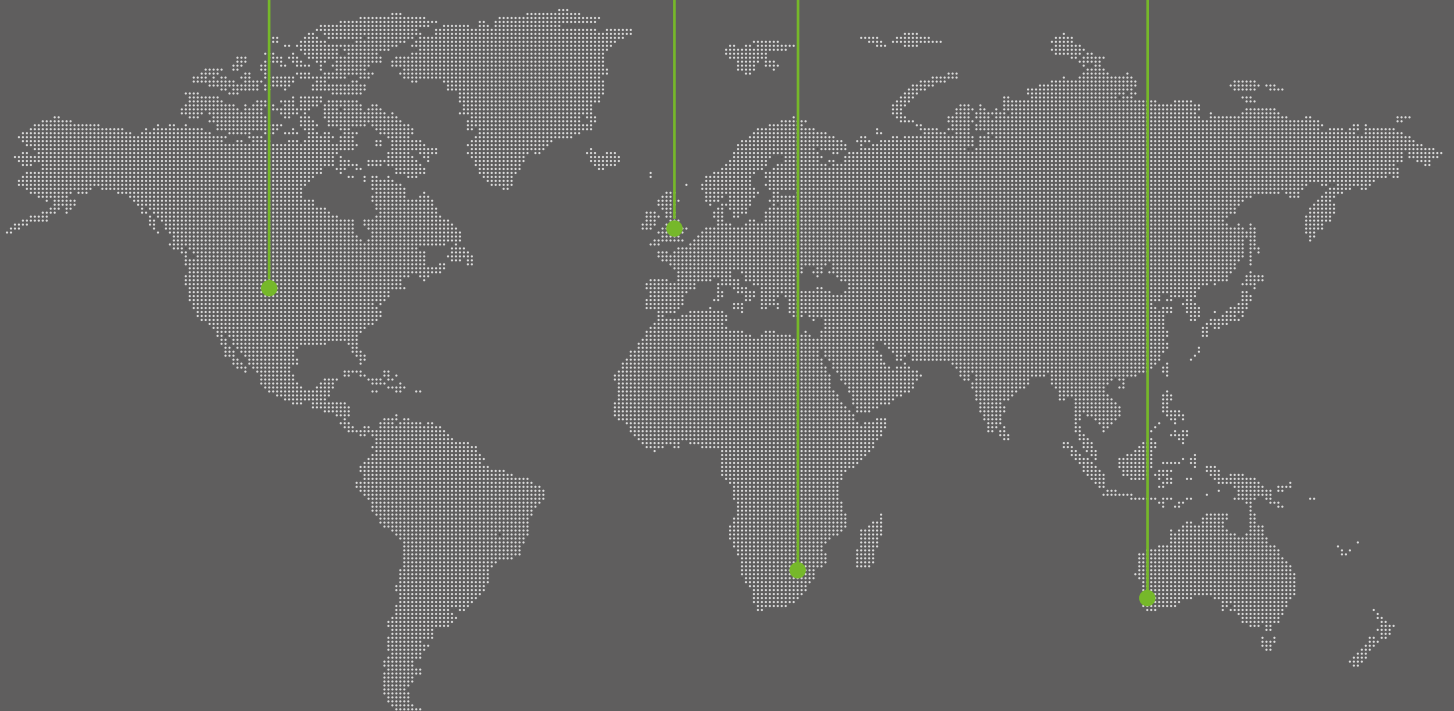
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**3D**laser  
mapping