Enter the World of Mobile Imaging: Trimble MX7

Mobile Mapping port infrastructure in a marina
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MEET HET

- World’s first franchise for surveyors
- 11 offices in Flanders and expanding
Trimble MX7 - Requirements

- Remove complexity
- Easy to install
- Simple to operate
- Driver/operator
- Portable
- Reduce cost
Trimble MX7 System

- **Internal computer**
  - Storage size: ~1 TB
- **360 degree spherical camera**
  - 30 MP (5 MP x 6 cameras)
  - 90% full-sphere field of view
- **Trimble AP15 GNSS-Inertial System**
  - 0.02 – 0.05 m post-processed (no GNSS outage)
  - 0.2 – 0.8 m post-processed (1 km or 1 minute GNSS outage)
  - 220 GNSS channels
Simple Data Capture
Trimble MX7 Workflow

Collect
- Trimble Mobile Imaging Software
- Controls image capture, GNSS, INS
- Simple touch screen operation

Process
- Process GNSS/INS trajectories in POSPac MMS

Deliver
- Trimble Trident Software
- Enhanced imaging tools
- High accuracy photogrammetry
- Easily visualize, interpret, and extract information
- Export to CAD and GIS packages
Multi platform usage
User case:
Blankenberge marina (BEL)
Marina

Blankenberge

MEET HET
geassocieerde landmeters en experten
Mounted on a lifeboat
Web-based viewer
Ability to measure on images
Thank You