Integrated Solution for Pre-Construction Utility Detection and Mapping

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Individual data collected in underground utility asset detection and mapping



Asset and cartography survey



3D reality reconstruction



Cartography restitution





Clear need for accurate highly reliable up to date information usable immediately

High Quality Precision Sensors

Detection

Positioning







Software and Data Analytics







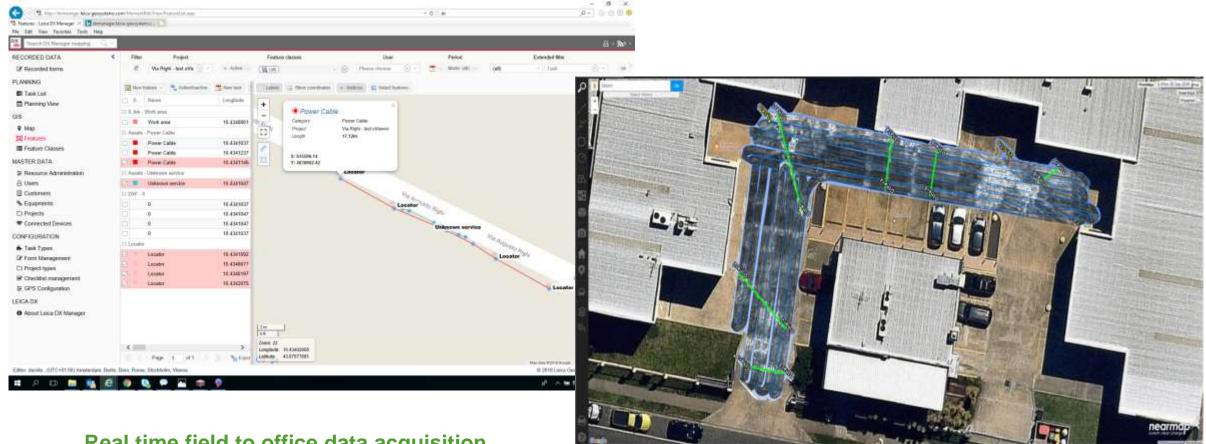


Unique Value Proposition in the Market





Fusion of Detection and Positioning Data

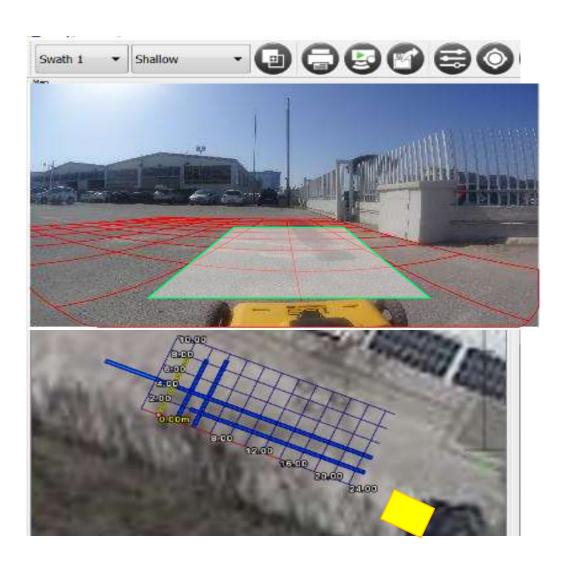


Real time field to office data acquisition

On site visualization of detected pipes on imported cartography and images



Fusion with visual data and inspection – relocation



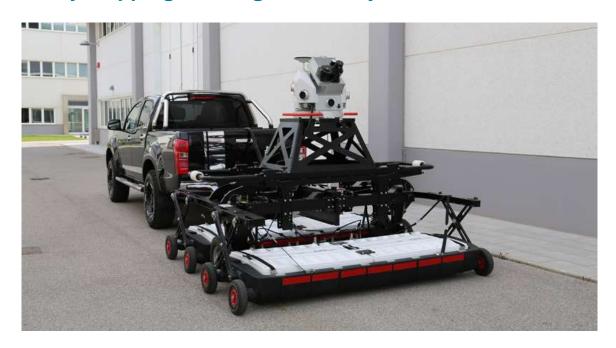
- Synchronization of detection data and pictures taken by on-board camera
- Projection of aid elements to guide the acquisition procedure
- Georeferencing of inspection pictures (e.g. manhole inspections)



Fully integrated Hexagon solutions for utility detection and mapping

Streamlined process from field to office covering the entire workflow

Utility Mapping with Big Data Analytics







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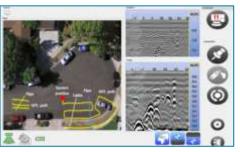


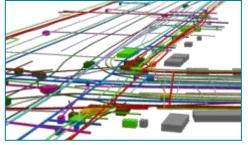


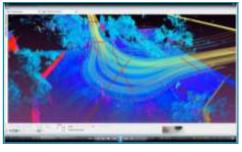
Fully Integrated Solutions for Utility Detection and Mapping

Aquire subsurface data accurately and turn it into reliable, meaningful information for our customers

Applications







Utility detection

Utility mapping

Asset reconstruction

Solution



- 1. Safety (for people)
- 2. Reliability (accurate data)
- 3. Availability (fast decisions)

