

# Unison Networks Ltd– The As Building Process



# Asset Information @ Unison in a



116,000 + customer service connections

600,000 + asset records

- this will grow with the introduction of LV Linear Assets in Q1 2024

5,500km Overhead Network Length

3,800km Underground Network Length

Asset Information – 10 people

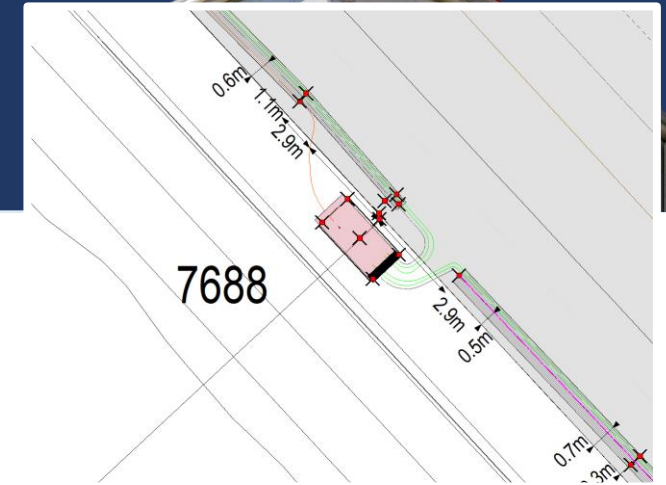
We Manage

- Network Model
- Asset Registers & hierarchy
- ADMS data integrity
- Data Quality
- Spatial Analysis for the Business
- Continuous Improvement (Asset Information)
- Centralines Management contract

# Unison As Building process

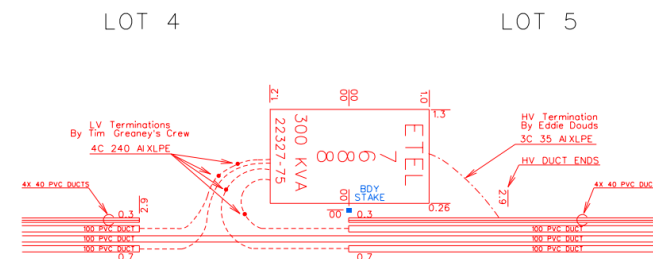


GPS ONLY VS  
GPS/DRAWING  
HYBRID

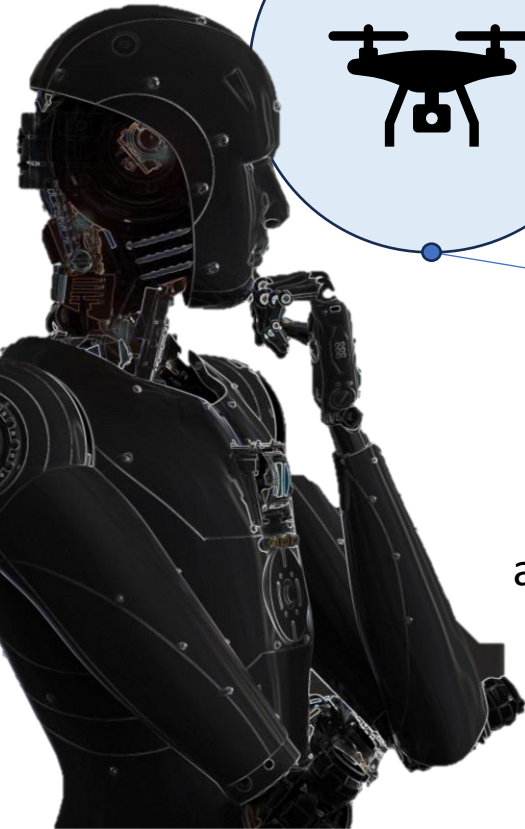


- Aging equipment
- integration issues
- not efficient with supply of information
- Generally users require a good amount of knowledge to troubleshoot

- Cloud based solutions
- no integration issues
- information directly uploaded to cloud, no user download process required
- cloud based post processing, eliminates user touchpoint again
- FME solution through Trimble connect to process GPS automatically into enterprise GIS



Howard Street

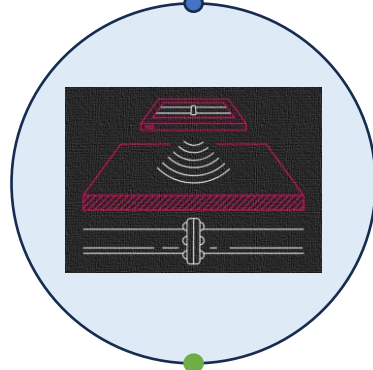


Historic records – how do we deal with this?



Orion Case study –  
subdivision linear capture  
Quick capture of  
asset intensive linear  
data

Sub surface digital twin– 3D render  
digital model of the  
underground  
infrastructure



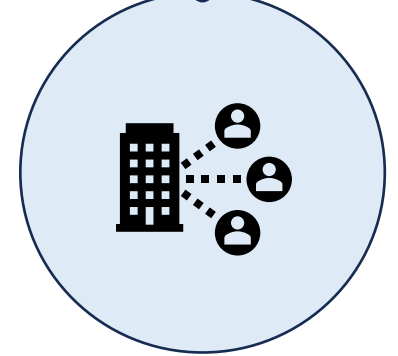
Augmented reality –  
allows 3d rendering in the  
field to visualise your data  
through your field device

Incremental Lidar  
capture to maintain  
corporate Lidar dataset



Geo spatial enterprise  
system which can  
maintain core  
operational activities  
but also provides  
functions that will  
produce quality  
analytics, 3D modelling

Fully integrated field  
solution that allows  
Network connectivity  
updates, spatial location  
updates integrated with  
business enterprise systems





# Questions & Discussion

