



25th world gas conference
"Gas: Sustaining Future Global Growth"

SeCuRi[®] SAT

NETWORK SURVEY WITHOUT A GUIDE

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Kuala Lumpur



Patron



Host



Host Sponsor



Background



past



future

SeCuRi® SAT - equipment

GPS antenna

gas leak detection
instrument

Tablett PC



leakplotter



Carpet probe


The SeCuRi[®] SAT stands for the perfect combination of a gas leak detector, geographic information software (GIS) and a GPS satellite receiver. It offers many benefits:



- Simple and intuitive operation of the gas leak detector from a tablet PC
- Pipe network inspection in accordance with regulations of local Gas Associations.
- Overview of the inspected routes in the route manager
- Digital fault sketches
- Complete documentation of date, time, coordinates and gas leak detector readings

The solution - One measurement per second

SeCuRi® SAT Complete 5.4.7 / Hermann Sewerin GmbH / Testprojekt / Lutz Hörschemeyer

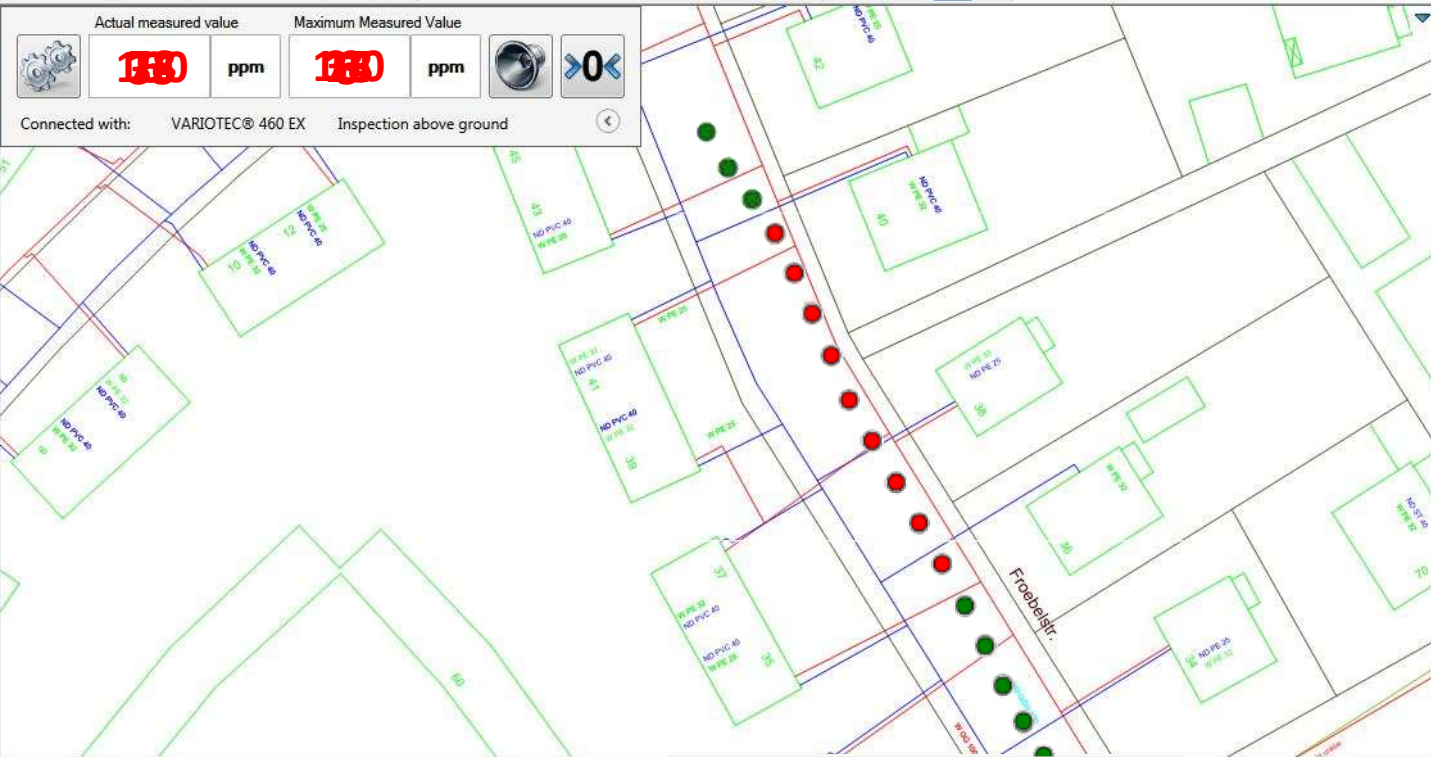
File Edit View Tools Help


Rotation  1 : 500 GAS

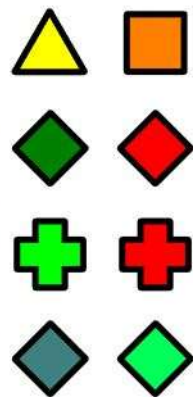
Route  Coordinate : m GPS 


Actual measured value **1330** ppm Maximum Measured Value **1330** ppm


Connected with: VARIOTEC® 460 EX Inspection above ground



Collection 

QCRedlining 

Redlining 




Style  Arial 2



Ready GAS


The solution - Seamless documentation

SeCuRi® SAT Complete 5.4.7 / Hermann Sewerin GmbH / Testprojekt / Lutz Hörschemeyer

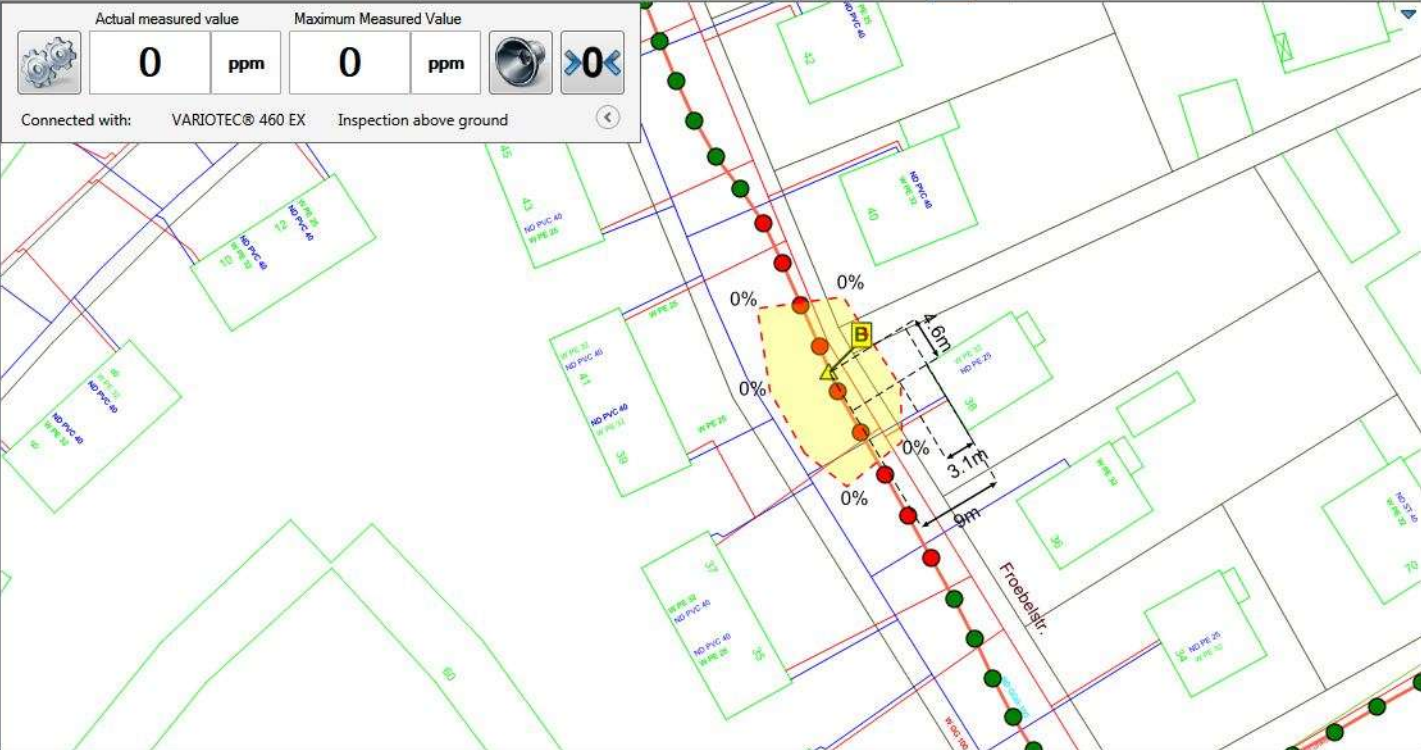
File Edit View Tools Help

Rotation   1 : 500 GAS 

Route  Coordinate : m GPS 

Actual measured value **0** ppm Maximum Measured Value **0** ppm 



Connected with: VARIOTEC® 460 EX Inspection above ground





GCRedlining

- SeCuRi SAT tools
 - Oval detection limit
 - Polygon detection limit
 - Abc Detection limit
 - Abc Zero percent
 - Gully
 - Manhole
 - Lantern
 - Traffic light

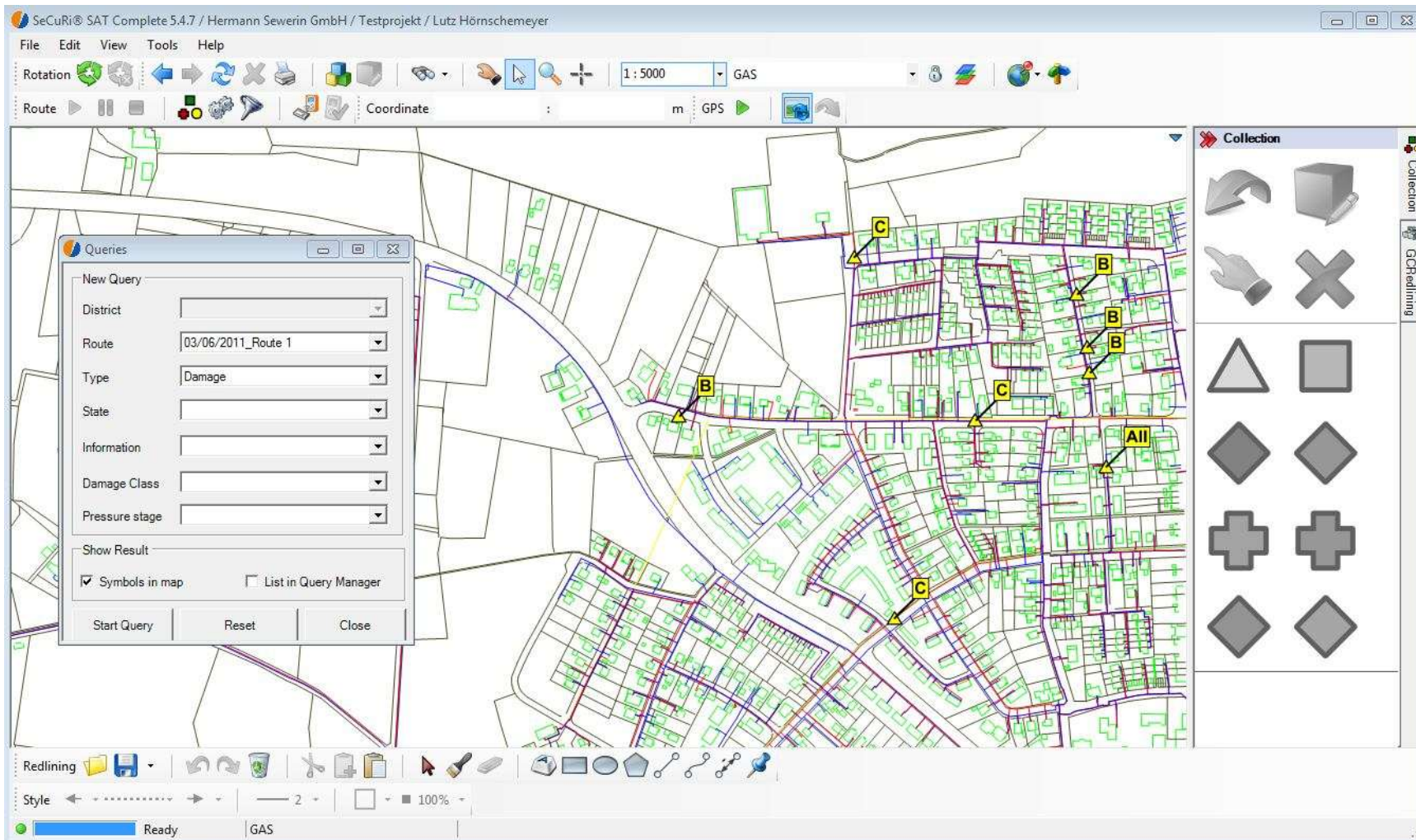
Group:
Name:
Style behaviour: can be changed
Scale: 1 : 500

Redlining  

Style  2 Arial 2 F K U 

Ready GAS

The solution - Seamless documentation



The screenshot displays the SeCuRi® SAT Complete 5.4.7 software interface. The main window shows a GIS map of a residential area with a network of pipes and buildings. A 'Queries' dialog box is open on the left, allowing users to filter data based on various criteria. The 'Collection' panel on the right provides a set of tools for managing data collections. The status bar at the bottom indicates the software is 'Ready' and the current layer is 'GAS'.

SeCuRi® SAT Complete 5.4.7 / Hermann Sewerin GmbH / Testprojekt / Lutz Hörschemeyer

File Edit View Tools Help

Rotation [Icons] 1:5000 GAS

Route [Icons] Coordinate : m GPS [Icons]

Queries

New Query

District [Dropdown]

Route [Dropdown] 03/06/2011_Route 1

Type [Dropdown] Damage

State [Dropdown]

Information [Dropdown]

Damage Class [Dropdown]

Pressure stage [Dropdown]

Show Result

Symbols in map List in Query Manager

Start Query Reset Close

Collection

[Icons: Arrow, Cube, Hand, X, Triangle, Square, Diamond, Cross, Diamond]

Redlining [Icons]

Style [Icons] 2 100%

Ready GAS

- Economic use of existing GIS (vector or raster) data
- Reduced cost of preparation and evaluation for pipe network monitoring
- Seamless documentation for pipe network monitoring
- Quick and complete information on the condition of the entire pipe network
- Cost reduction through avoiding the need for a guide
- Automatic proof of the check on the sensitivity of the gas detection device