

Termis

How to combine Realtime Information – And how to use Mobile Applications in Realtime Supervision & Control

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Termis

Optimize Cooling and Heating systems



- Over 300 references worldwide



New Languages , Like Finnish and Russian

Sample FI.7tm - Termis

Tiedosto Muokkaa Näytä Topologia Simuloi Työkalut Määrittys Ohje

ma 14:00
ma 14:00 Scenario 1

Operator


* 1 * 2 Future

Views:

- Differential Pressure Contrc
- Extent
- Plant Main
- Plant South
- Pump Station South

Themes:

- Gradient
- Status
- Supply Source
- Treturn & Demand
- Tsupply & Demand
- Tsupply & DP**


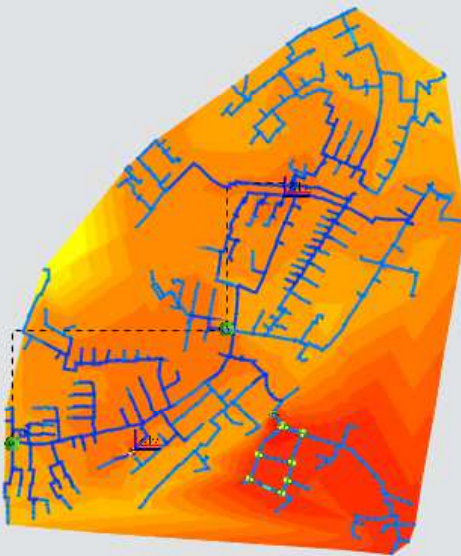



Temperature Supply [°C]

75.0	-	Blue
70.0	75.0	Blue
65.0	70.0	Blue
60.0	65.0	Cyan
-	60.0	Cyan

Differential Pressure [bar]

1.50	-	Red
1.40	1.50	Red
1.30	1.40	Red
1.20	1.30	Orange
1.10	1.20	Orange
1.00	1.10	Orange
0.90	1.00	Orange
0.80	0.90	Orange
0.70	0.80	Yellow
0.60	0.70	Yellow
0.50	0.60	Yellow
0.40	0.50	Yellow

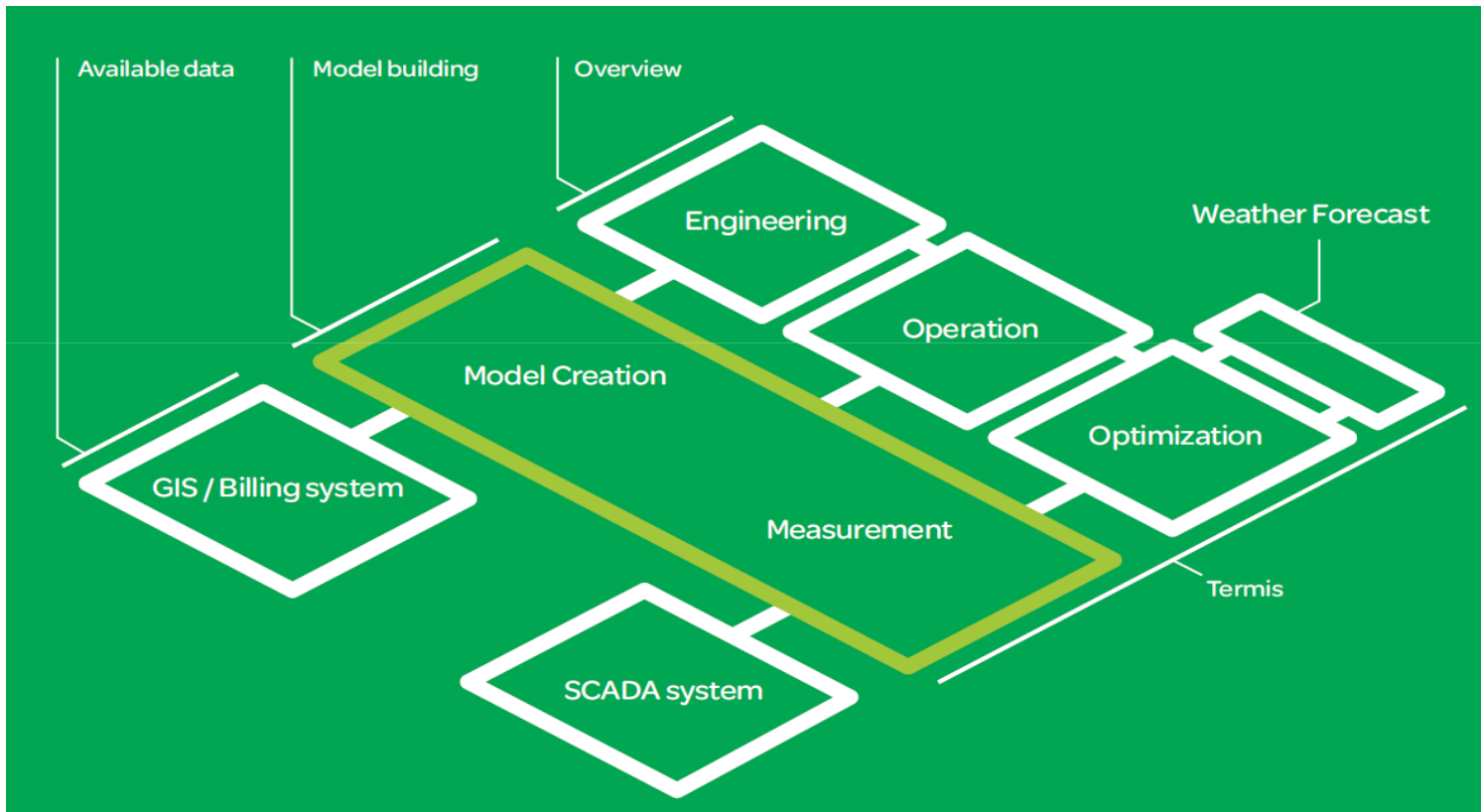


1:75538 563128.04,6217659.18 Scenario 1 

Some manual drawings about Connections to Real Time

Compared to next General Layout picture

Termis Temperature Optimization



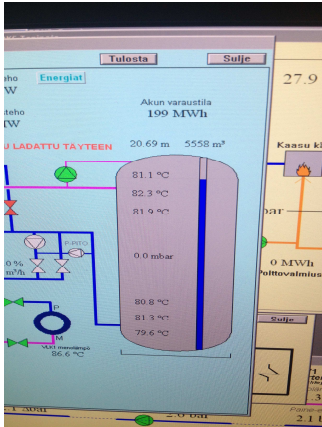
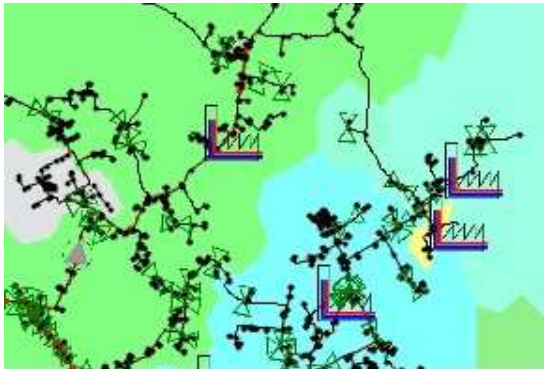
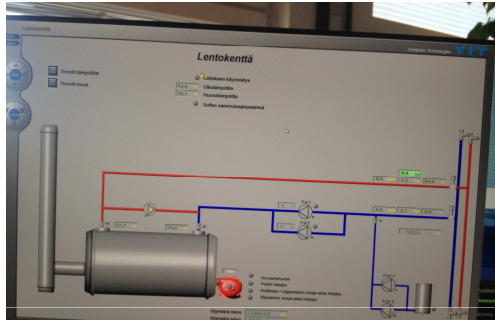
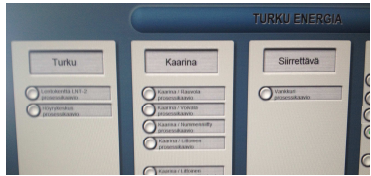
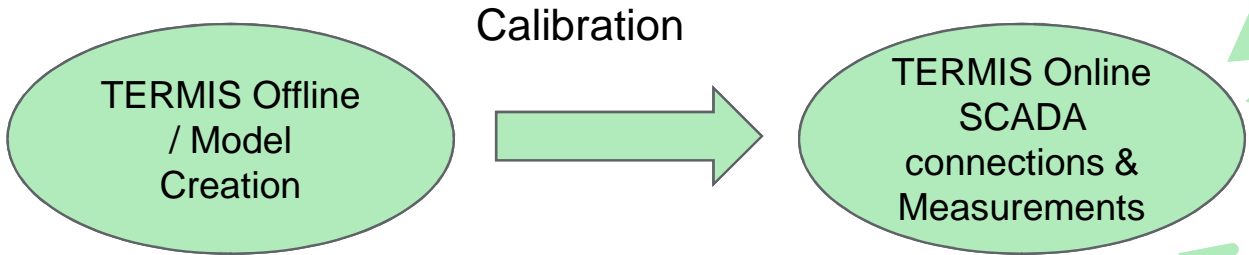
Fully integrated in your SCADA system

Prior knowledge of hydraulic is not necessary

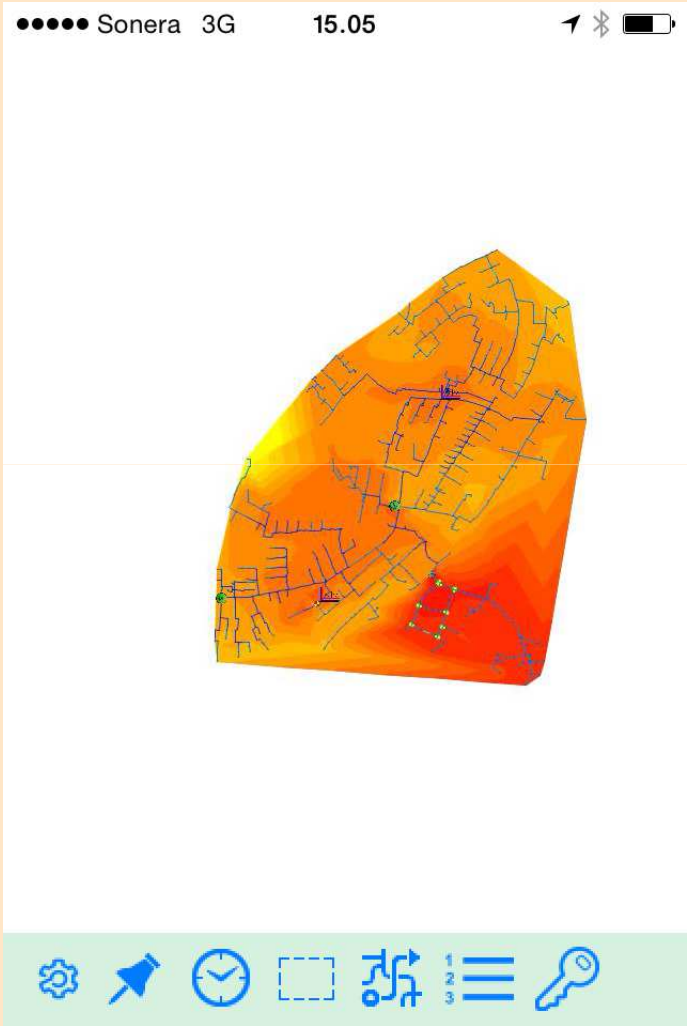
Easy to get started

Realtime data Should be Collected in Turku – From Where?

- Mainly from Schneider SCADA softwares !



Visualisation is Just the same in Mobile Aps – Compare to PC-picture



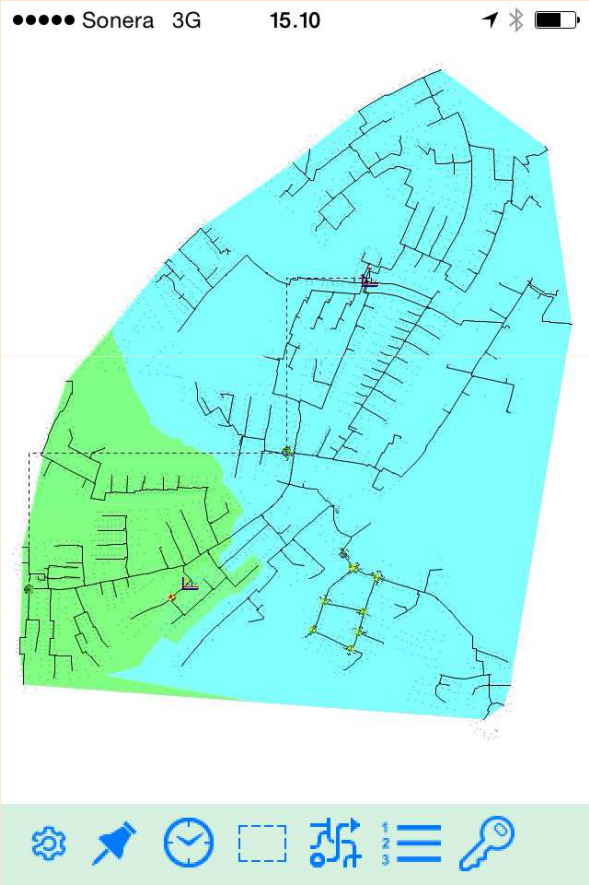
Even the Background map works the same like than on PC-version



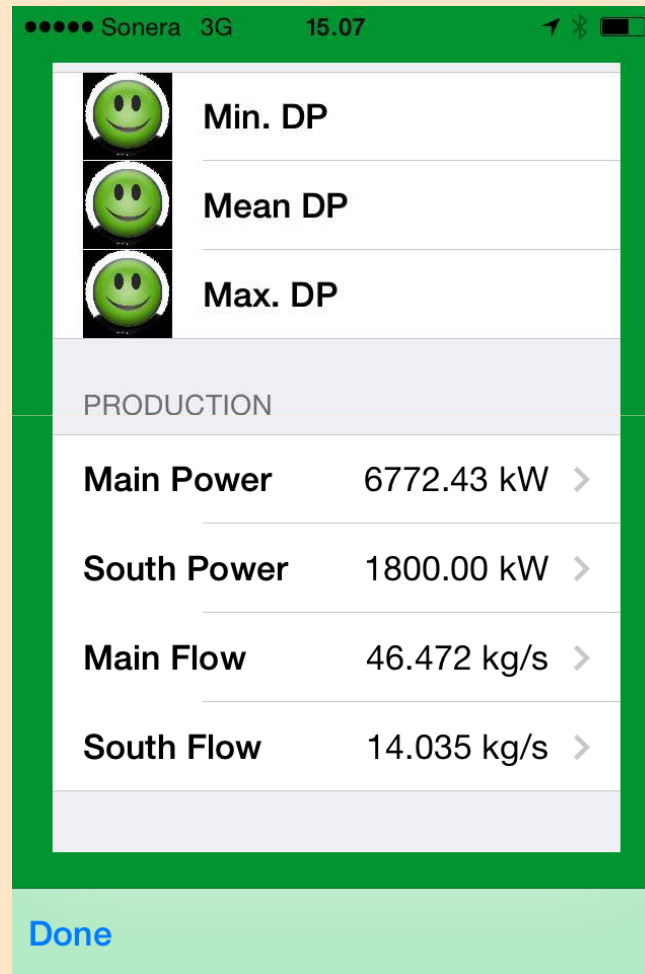
And the most accurate information comes at the most Zoomable state



And even Supply Source informations – At any of distribution areas can be easily found out

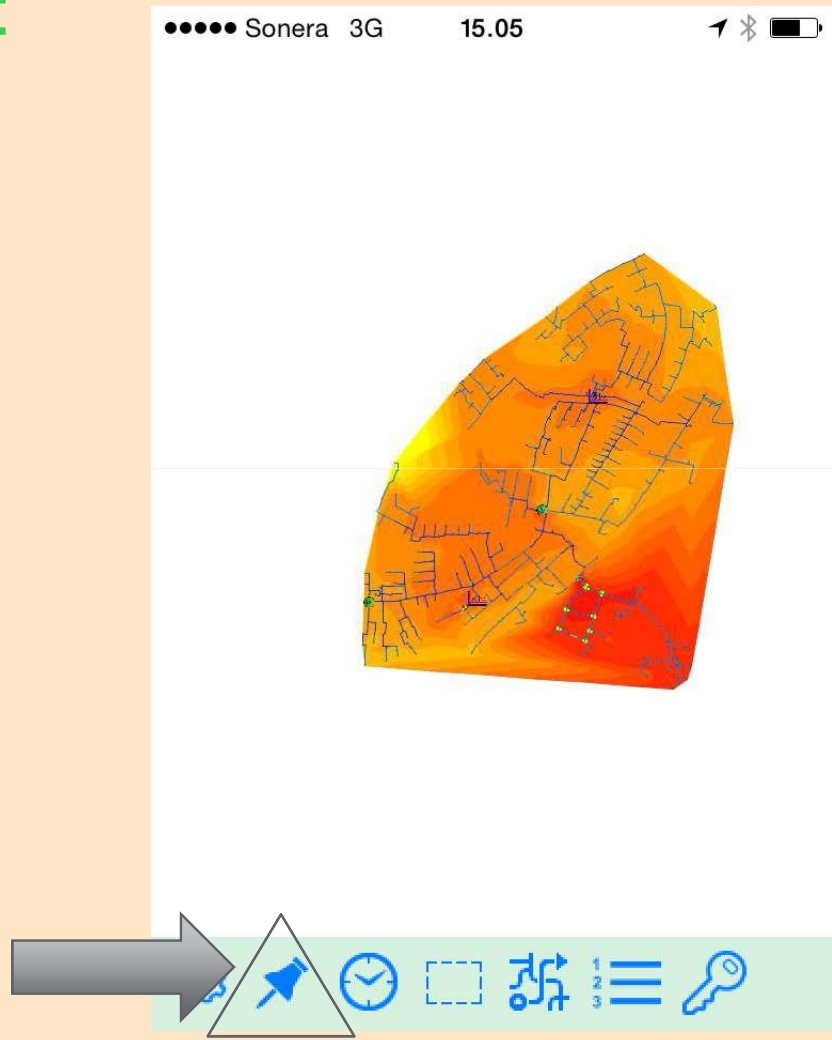


All General Informations can be found easily



If the Location is activated on the Mobile – And We are located on pipeline area:

- Right Control can be double checked !



Questions

Life Is On

Schneider
Electric