

Digitised Network Documentation

German, Austrian, and Norwegian
TELECOM INFORMATION EXCHANGE SUMMIT
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Sigmund Gaaren
Head of Sales
Smallworld Nordic

+47 91554510
sga@smallworld.no



SMALLWORLD

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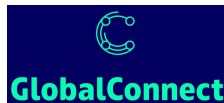
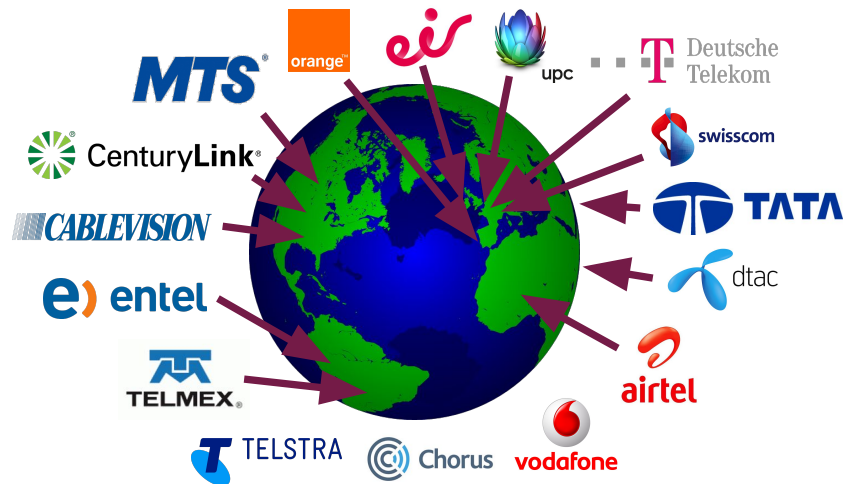


GE VERNOVA
Channel Partner
Asset Management

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1. Brief Introduction

- Smallworld Network Inventory from GE Vernova + partners
- Covering fiber, electricity, water, gas & district heating networks
- 160+ Telco operators worldwide
- Local Value Add Resellers (Partners) providing installation, data migration, training, support, add-on functions and customisations



2. European GE Vernova Partners

Spatialworld



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Christa Baaske

GE Vernova

Sr. Channel Manager

Grid Software

christa.baaske@gevernova.com

+49 173 585 1837



mettenmeier.



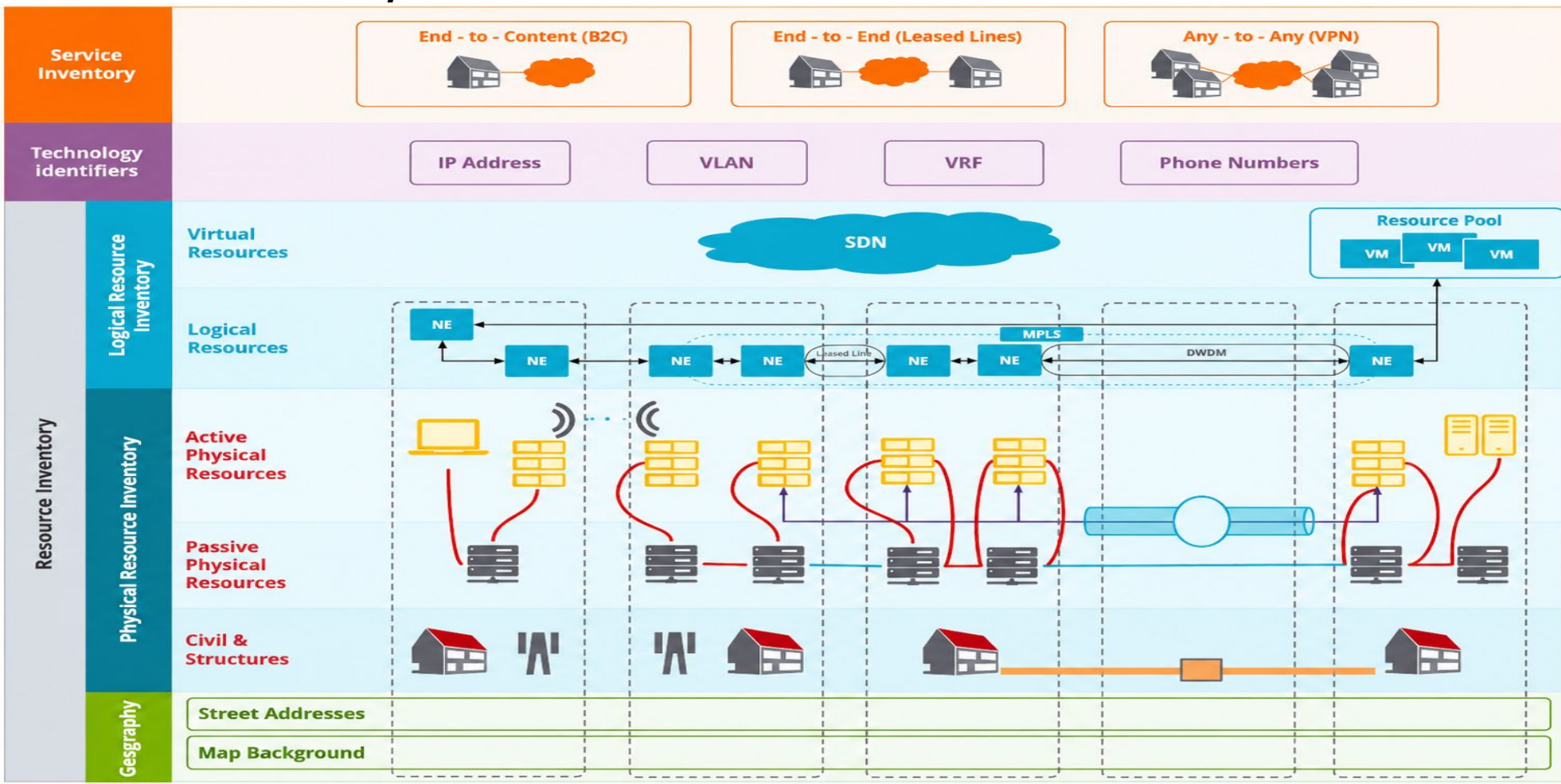
3. Digitalisation Gains

- Single source of truth
- Universal data availability
- Inventory search & reports
- Update public registers
- Data consistency
- Quality controls
- Shorter lead times
- Automated customer journey
- Higher employee satisfaction

Quality => trust => speed



4. Network, Circuits & Services



5. Inventory Capabilities (i)

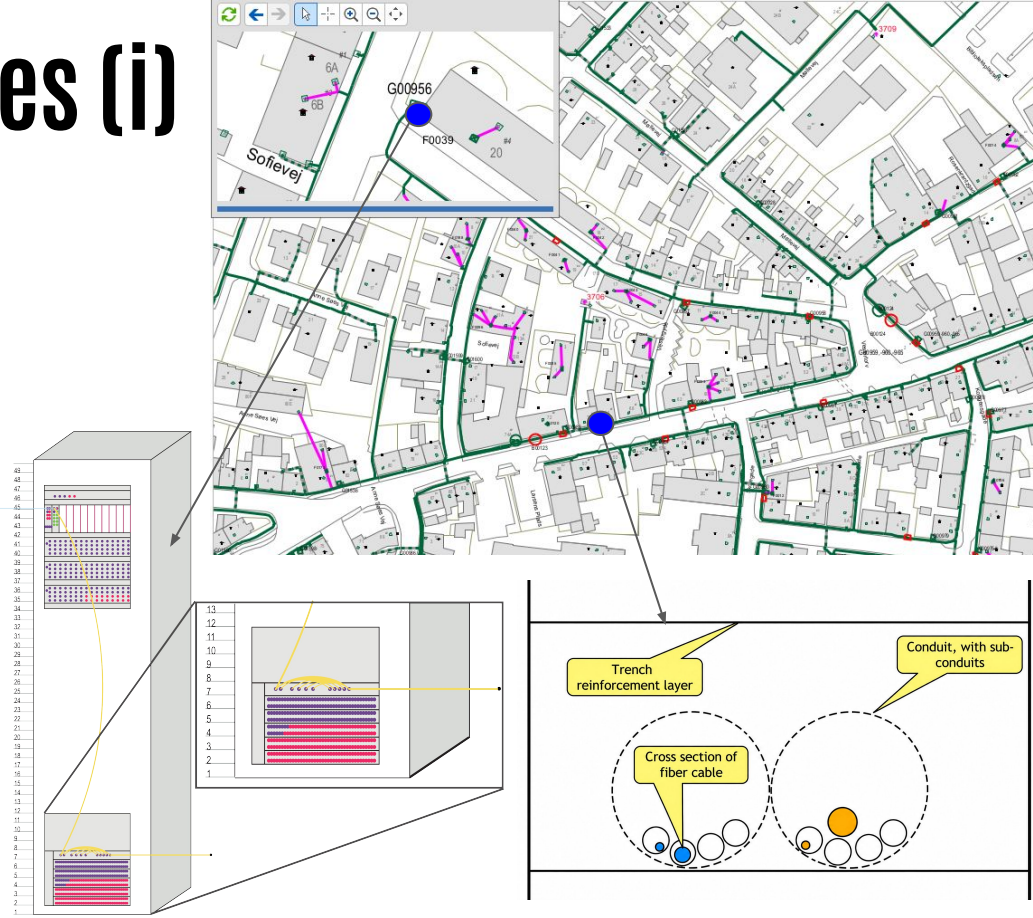
One connected model

All technologies on one model: fibre, copper, coax, wireless, 5G — backbone and access networks, PON or DOCSIS.

Outside plant and inside plant represented in the same operational model.

Technology-agnostic equipment catalogues supporting your specifications and standards.

Data centre and edge facility power circuits and cooling in the same operational model.



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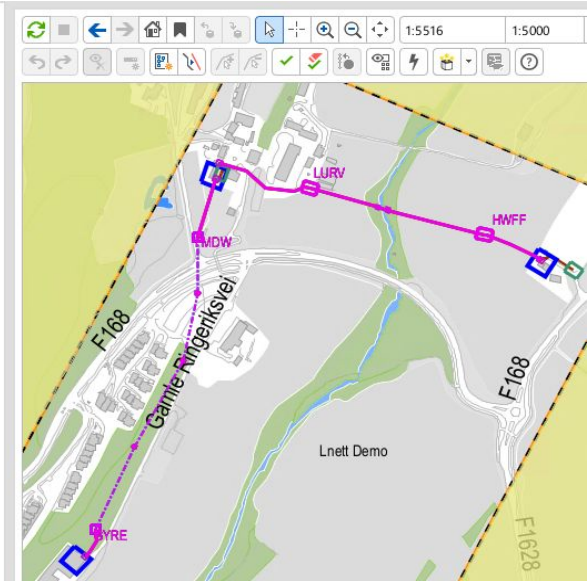
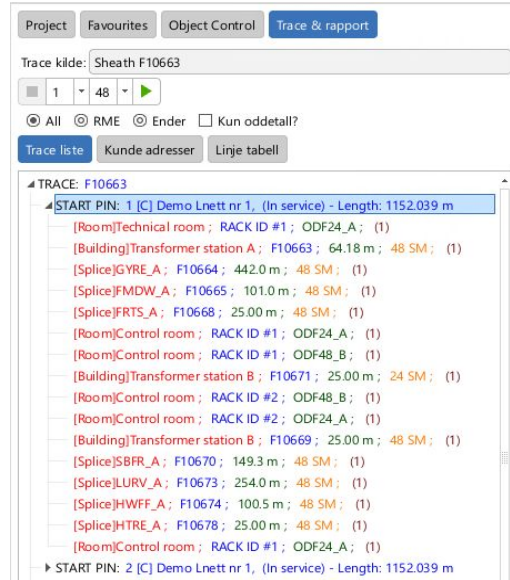
5. Inventory Capabilities (ii)

Topology that understands how the network connects

End-to-end route intelligence — the model knows what route exists between any two points, what capacity is consumed along it, and what is downstream of every node.

Complete physical paths from customer premise through ducts, splice points, ODF panels and internal cabling to the serving exchange, calculated automatically.

Shared risk and physical diversity automatically identified.



5. Inventory Capabilities (iii)

Time-saving tools & functions

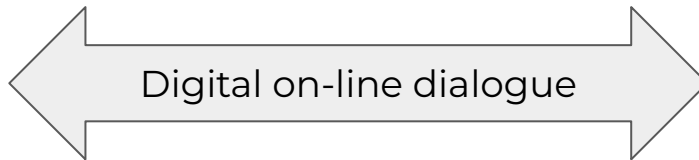
- Search and reports
- Data import/exports
- Charts and schematics
- Tracing end-to-end
- “Click-saving” tools
- Conflict resolution of concurrent designs
- Automated quality controls
- Related documents/photos
- Various maps, orthophoto & streetview



6. Office & Field Interaction



*Network Planner @
Inventory application*



- Universal 24/7 access to network data and tools
- Tasks managed by project workflows
- Data quality feedback
 - Surveillance
 - Capture (AI-based)
 - Red-lining
 - Photos



*Field Technician @
Lightweight client*

7. Learnings & Recommendations

- Describe network structures
- Describe work processes
- Make user guides for documentation
- Migrate existing digitised data
- Capture/survey missing data
- Automate quality controls
- Always keep data up-to-date
- Synch. with public map & address registers
- Define Master Data Management
- Integrate systems to improve processes
- Role-based user privileges & data access
- Protect your data! (EUs NIS2 directive)



Want to know more?

Attend our [Nordic User Conference](#)!



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Bella Sky, Copenhagen
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Cecilia Suzuki &
Kenneth Damholt
Senior Developers
Smallworld Nordic

Light6 Web Client Status and Roadmap

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Colin Waterworth
Senior Director Telecoms
GE Vernova

Visual Intelligence & Self-healing Inventory

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Daniel Simonsen
Support Manager
Smallworld Nordic

Takeaways from Diagnostics Use Cases

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Salvador Peysa
Global Technology Engagement Manager
Glenn Smethurst
Principal Product Manager
GE Vernova

Smallworld 6, AI and more on the Roadmap

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Ronny Solvang
Senior Consultant
Smallworld Nordic

Streamlined Integrations to Smallworld

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Ragnar Larnøy
Senior Advisor
Smallworld Nordic

Working with Specs & Templates

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Pavel Fiala
Solution Architect
CROSS Network Intelligence

Consolidating Data from Multiple Sources

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Oscar Custers
VP Customers & Partners
Spatial Eye

Bring Valuable Data to Your Business!

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Lars Morten Moe
Alina Golubei
Daniel M Skov
Senior Consultants
Smallworld Nordic

Smallworld Network Inventory Demoes
- Global Applications and Local Modules



Security Keynote

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Bogdan Hebean
Managing Director Eastern Europe
Realworld Systems

Detecting Downtime in Time

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Lars Morten Moe
Senior Developer
Smallworld Nordic

Data Migration in Practice

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Kell Bergmann
Product Owner
GIS & Field Solutions
Sinal

Large Scale Onboarding of New Customers

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John Leeuwenburg
Global Product Manager
Realworld Systems

Making AI Real for the Users



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Thank You!



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