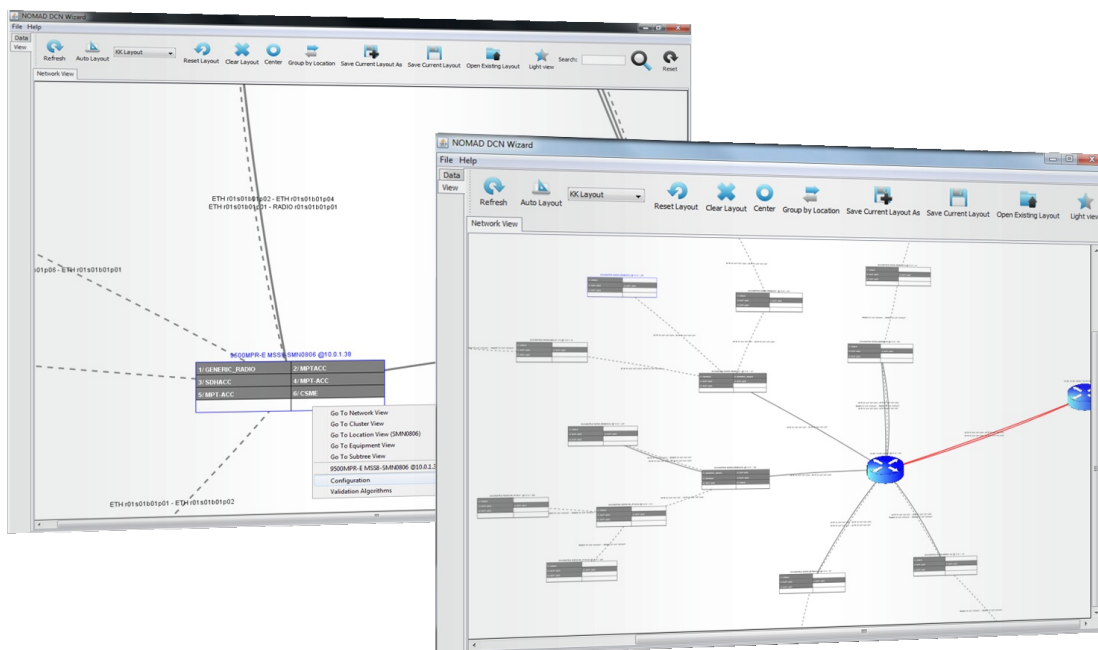


nomad DCN Wizard

Product Sheet

 Design, deploy and extend whole Data Communications Networks, step-by-step



The Data Communication Network (DCN) provides connectivity between network elements and the operations support systems (OSS), key because it enables network operations and management functions. DCN Wizard, one of the **nomad** Network Lifecycle Wizards, is simply a revolution in DCN design, deployment and extension.

Key Features

- Multi-vendor and multi-technology compatible
- 'Generic Device' option supports any device not modelled
- Supports both In-band and Out-of-band DCNs
- Simple inputs; load spreadsheets or use **nomad** auto-discovery
- Auto-generation of new DCN design including IP/OSPF Configuration
- Built-in OSPF Dimensioning and DCN continuity diagnosis
- Automatic allocation of equipment parameters (IP, OSPF, Wiring)
- DCN Topology visualization: geographical + intra-site
- Generate Work Orders for field forces, complete with bar-code, in 1-click

Remove DCN Design Complexity

DCN design and diagnosis is difficult given the complexity inherent in many DCNs, with multiple technologies and vendor equipment deployed over time. DCN Wizard is designed to remove the complexity from the DCN Design process. A standalone desktop application, it helps, step-by-step, to design, deploy and extend DCNs. Massive automation of tasks, from topology creation to Work Order generation for field forces, is proven to save time and money per design.

4-Step Approach

DCN Wizard simplifies every aspect of DCN Design, with an easy 4-step approach: Load, Configure, Validate, Export. Data can be loaded with a spreadsheet or using **nomad's** DCN Auto-Discovery feature to automatically retrieve the network. Once data has been loaded, DCN Wizard automatically generates the configuration for Wiring, OSPF, IP Addressing and Static Routing. The configuration can then be validated using in-built integrity algorithms checking OSPF dimensioning, DCN continuity and IP address allocation. Lastly, the finished configuration can be exported, or generated as Work Order with QR code in 1 click, to be sent straight to the field.

Complete Visualization

The flexible interface, with automatic topology and inventory display and automatic wiring, has in-depth configuration options and a selection of topology views. Sophisticated visualization gives complete understanding and control of full DCN topology throughout the process.

Benefits

- Discover, load and manage full DCN network in 1 place
- Work Orders, with QR-Codes, improve archiving and management
- Reduced complexity lowers the skill and training requirements
- Task automation and simplicity reduces time and increases accuracy

5x Faster DCN Design

18x Faster Work Order

10x reduction in error occurrence

Destroy Costs

Save per design per cluster

Save per deployment

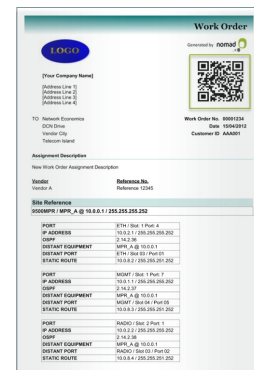


Figure 1. DCN Work Order with QR-code

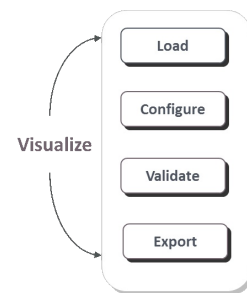


Figure 2. 4-Step Approach

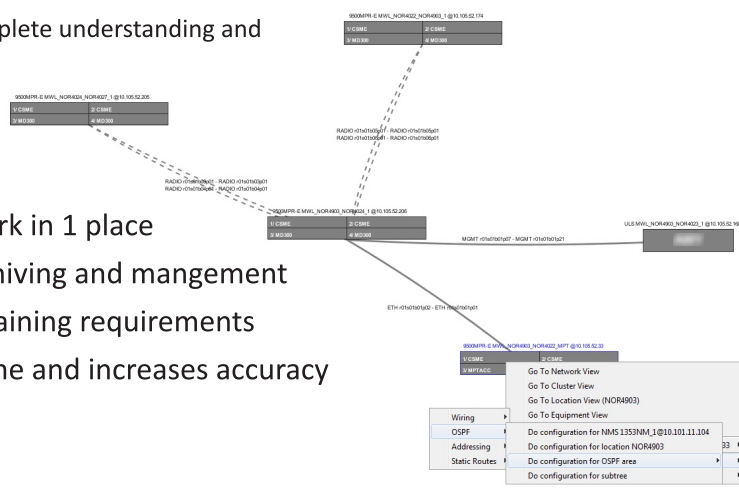


Figure 3. Network Topology Options

Business Intelligence Group Vienna is a network intelligence expert, designing software and performing integrations for network Operators and Vendors, targeting inefficiencies and revealing full network information. nomad is a mobile backhaul management OSS augmented by a BI layer. It is used as OEM software by leading operators to maximize transport network resource utilization, achieving cost and time savings throughout the network life-cycle. Layers of complex coding and algorithms collect and analyze network data from multiple technologies and equipment in real-time. nomad uses this data to generate easily digestible, measurable and actionable information, revealing KPIs, network inefficiencies and allowing for troubleshooting. Its architecture makes nomad cost-effective, easy to deploy and scalable. **nomad** has been deployed at



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