### **Operator in Middle East**

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#### Project Goals

To optimize the microwave (MW) network as part of the best mobile network ambition



### **NETWORKS Approach**

- Analysis of current situation of MW network
- Definition of the MW targets/ expansion roadmap
- Recommendation and implementation approach to push MW network towards targets

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### **Client Benefits**

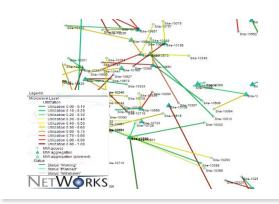
- Speed-up microwave network modernization by automated planning
- Get transparency on current expansion plan and clear guideline on improvement measures

Microwave Network Design

## Microwave Network Design – modernizing legacy backhaul towards 5G

### Automated analysis of complete microwave network

- Current microwave network topology (sites, links with capacities) and performance data (load) and planned network extensions as input
- Automated analysis of complete network checking current design against design rules (max. hops to fiber) identifying points of actions
- Comprehensive cluster report including all sites and links with detailed information required activities
- Combines information about current and planned network



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Microwave Cluster Report	2.7 MwCluster-1034
Project Network Expansion Planning	11 1214 5 11
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Microwave link utilization

Detailed report 200+ pages

