

# Cognitive Optimization

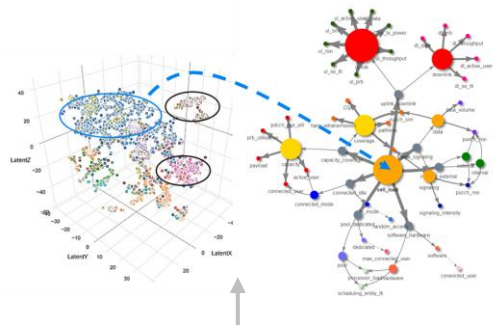


## Customer experience

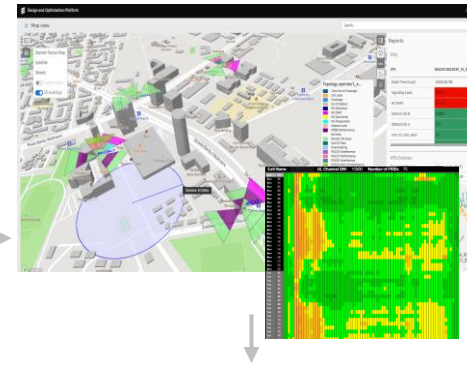
- AI transforms the approach to network wide optimization
- Simultaneously boost end-user experience and operational excellence
- Proactive issue detection & resolution, beyond human ability

- Performance Diagnostics analyzes 100s of KPIs on all cells in the network to detect hidden issues & provide detailed root-cause analysis
- Performance Optimizers suggest specific parameter changes, ready for implementation.
- Unique blend of network expertise with market-leading AI-technology

02. AI-powered issue classification across 36 classes & 200 root cause reasons, readily available in a comprehensive user interface.



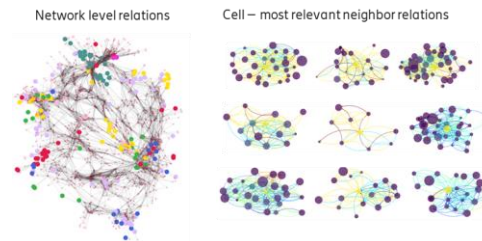
03. UL Interference performance optimizer provides parameter settings for UL PUSCH & UL PUCCH.



01. Multi-dimensional analysis across all cells in the network, powered by deep learning, detects cells with anomalies.



04. Mobility performance optimizer provides parameter settings to solve issues with handover execution, coverage & cell-load.



05. Native API enabling integration into operational processes

**50%**

more issues identified, 75% faster compared to traditional methods

**30%**

increase on operational efficiency for optimization

**98%**

Field-validated accuracy on issue detection & classification.



Proactive & exhaustive optimization with AI