MidWex

Your Technology Partner in Africa

NEMO
KEYSIGHT
TECHNOLOGIES

EXFO

OSCILLOQUARTZ
An ADVA Optical Networking Company

Planet Network
International

TELCAP

invi9o

ITU

Wireless Network Testing

NEMO
KEYSIGHT
TECHNOLOGIES

Midwex is an authorized distributor of Nemo, now part of Keysight Technologies. Nemo-branded tools enable operators and regulators to collect and analyze data on network coverage and performance.

Nemo Outdoor
Latest Drive Test features such as LTE-A, VoLTE and eMBMS

Nemo Invex II
Benchmarking capabilities. Accurate and easy to use

Nemo Handy and Walker Air
Handheld measurement with Indoor map and instant report

Nemo Autonomous
Unattended measurements of wireless networks
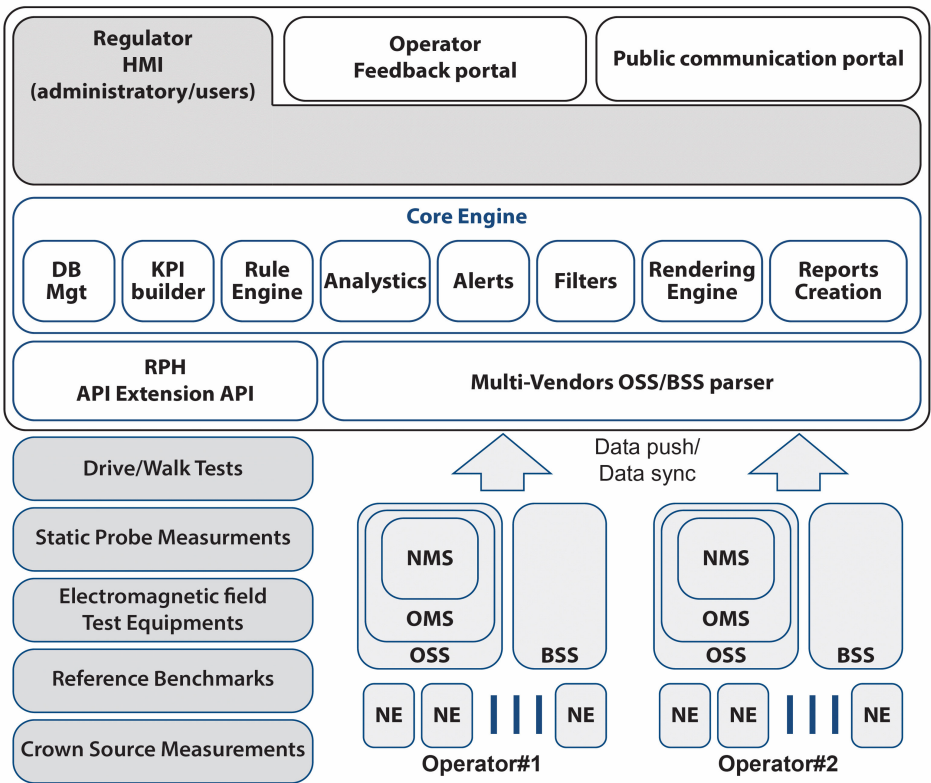
Nemo WindCatcher
Vendor-neutral solution for network analysis

Planet Network International

Midwex and Planet Network International offer a turn-key multi-operator Network Performance and Quality Monitoring platform tailored for Telecom Regulators. The RPM System™ is a non-intrusive, scalable and flexible solution which combines an extensive controlling capability with a preventive and cooperative approach.

Regulator HMI (administratory/users)	Operator Feedback portal	Public communication portal

Core Engine

DB Mgt	KPI builder	Rule Engine	Analystics	Alerts	Filters	Rendering Engine	Reports Creation

RPH API Extension API	Multi-Vendors OSS/BSS parser

- Drive/Walk Tests
- Static Probe Measurments
- Electromagnetic field Test Equipments
- Reference Benchmarks
- Crown Source Measurements

Data push/ Data sync

Operator#1

NMS
OMS
OSS · BSS
NE NE | | | NE

Operator#2
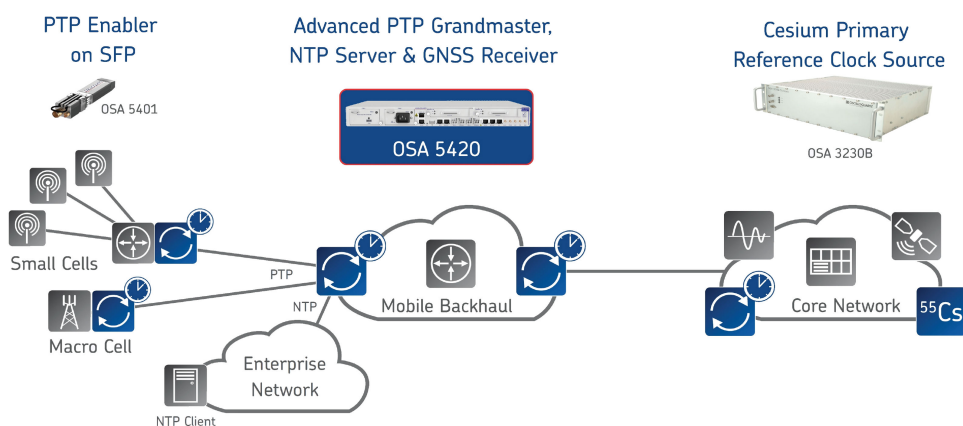
NMS
OMS
OSS · BSS
NE NE | | | NE

Aligned with ITU and ETSI recommendations, leveraging 3GPP KPI CO-OP initiative, the system can handle multi-vendor and multi-technology networks 24/7. It tracks network availability, service accessibility and stability, as well as service integrity and quality.

Network Synchronization

OSCILLOQUARTZ
An ADVA Optical Networking Company

Midwex offer a wide range of Oscilloquartz products including the proprietary SyncView management software. Oscilloquartz is a Swiss supplier of frequency sources, such as GPS, GLONASS and Cesium clocks producing similar products for about 60 years.

PTP Enabler on SFP
OSA 5401

Advanced PTP Grandmaster, NTP Server & GNSS Receiver
OSA 5420

Cesium Primary Reference Clock Source
OSA 3230B

Small Cells
Macro Cell
PTP
NTP
Enterprise Network
NTP Client
Mobile Backhaul
Core Network
55Cs

Protocol Analyzer

EXFO

Midwex offers EXFO TravelHawk solution, the only portable, all-in-one multi-technology protocol analyzer for network troubleshooting. EXFO was founded in 1985 in Canada. Its original products were portable testing products for optical networks.

Lte 4DVANCED™

Telecom CAPEX Reduction

TELCAP

TELCAP provides a consistent software suite called Kappa®. Kappa® is the first innovative solution to model and design the capacity of telecommunication networks, from an end to end prospective and based on actual traffic and subscribers. It calculates the capacity expansion needed to meet specific Quality of Service and Grade of Service targets.

Device and SIM Management

invigo

Midwex and Invigo offer Equipment Identity Register (EIR), Control Illegal Devices (CID) and SIM Registration. We enable operators and regulators to block fraudulent phones and eliminate the potential for phones with fake or cloned IMEIs connecting to our operator customers' networks. Fighting illegal import of devices also increases tax revenues.

midWex

- Revenue Assurance and Billing Verification
- Business Processes Engineering
- Customer Experience Management
- Fraud and SIM Box Detection
- Network Audit Services
- Network Benchmarking Services
- Network Optimization
- Network Planning and Design
- Program and Project Management
- Staffing Solutions
- System Integration
- Training and Expert Guidance

Contact

UNITED ARAB EMIRATES
Midwex Consultancy FZE
Business Center 4, Free Trade Zone
P.O. Box 331804, RAK

SOUTH-AFRICA
Midwex Telecoms Africa (PTY) LTD
20 San Briano, Dennis Road
Lonehill, Gauthen 2191, Johannesburg

E-mail
sales@midwex.com
support@midwex.com