

NEXEDGE NXDN Delivers Multi-Site Communications for a Large Southern African Commercial Bank





Global Communications, Kenwood's distributor in Africa has just completed the implementation of a NEXEDGE NXDN network across sixteen sites for the commercial banking arm of a major Southern African bank.

The individual sites are linked to each other using the Bank's Virtual Private Network (VPN) to ensure the security integrity of the network and fail-safe availability of operations-critical communications between key members of the bank's maintenance, surveillance, emergency and security teams.

The NXDN Digital Conventional trunked network consists of 1+1 repeaters at each site providing in-building communications between teams and the capability to communicate between individual sites and across all sites to maximise both safety and security of personnel and assets.

In addition, Kenwood KAS-10 AVL & Dispatch software is used to monitor and track guarding personnel across

all sites and makes good use of the built-in GPS and advanced lone-worker and man-down features of the hand-portable radios.

System Details

System: KENWOOD NEXEDGE NXDN

Type: Trunked

Technology: Digital Conventional IP

Channel Access: 6.25 kHz FDMA

Air Interface Protocol: NXDN

Antennas: 38 indoor and outdoor

Portables: 240 pieces NX-320E, NX-3320E

Repeaters: 38 pieces NXR-800E

Base Stations: 12 pieces NX-3820E



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