

UHP NMS 3.1

NETWORK MANAGEMENT SYSTEM FOR UHP VSAT PLATFORM



UHP Network Management System v3.1

• Enhanced Graphical Interface

- web-based, multiuser, multi-language
- Comprehensive dash-board
 - complete network overview just in one screen
- Multi-Hub management
 - combine all your networks in a single NMS
- Virtual Network Operator
 - share you network and NMS with multiple VNO
- Ideal for any size Networks
 - from simple SCPC link and up to multi-hub network
- Advanced statistics and analysis
 - exhaustive data for network troubleshooting
- Works with all UHP modes of operation
 - SCPC, TDM/TDMA, Hubless TDMA
- Customized reports and graphics
 - export network statistics for further analysis









UHP NMS: Comprehensive dash-board



Network management system



UHP NMS: Network Stations overview



South African Network → All stations



UHP NMS: Station status monitor



Network management system

South African Network +3 +3

- Controllers
 Inroute 1 (MF)
- Inroute 3 (standalone)
- TDM/TDMA Hub
- Inroute 2 (MF)
- test scheduler
- ▲ Stations
 - ▲ \$ VNO 1 +1 +2 East London +1 +1 Vermont +1
 - Aberdeen +1 +1
 - Durban +1 +1
 - Port Elizabeth +1 +1

Short State RF details New Current History

Cle

Down

Clear all

#	Name	First in	Last out	Flaps	Duration	Last clear
	nume	i not m	Lust out	Tups	Duration	Lust ofour
3	Aberdeen	28 Feb 17:30	04 Mar 15:12	168	34 m	28 Feb 15:02
4	Durban	28 Feb 17:30	04 Mar 15:12	11	160 s	28 Feb 15:02
6	East London	28 Feb 17:25	04 Mar 15:12	6	285 s	28 Feb 15:02
8	Port Elizabeth	28 Feb 17:28	04 Mar 15:12	4	165 s	28 Feb 15:02
5	Vermont	28 Feb 17:25	04 Mar 15:12	7	5 m	28 Feb 15:02

ow leve	Name	First in	Last out	Fla	Detailed info analysi	
3 4 6 8	Aberdeen Durban East London Port Elizabeth	Selective events clearance		61 1 1 2	troubles	28 Feb 15:02 28 Feb 17:29
Clear	Name	First in		Flaps	Duration	Last clear

Easy to correlate alerts

groups

11

6

4

7

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4 d

4 d

UHP NMS: Smart Alerts Monitor

Durban

Vermont

East London

Port Elizabeth

4

6

8

5

Clear

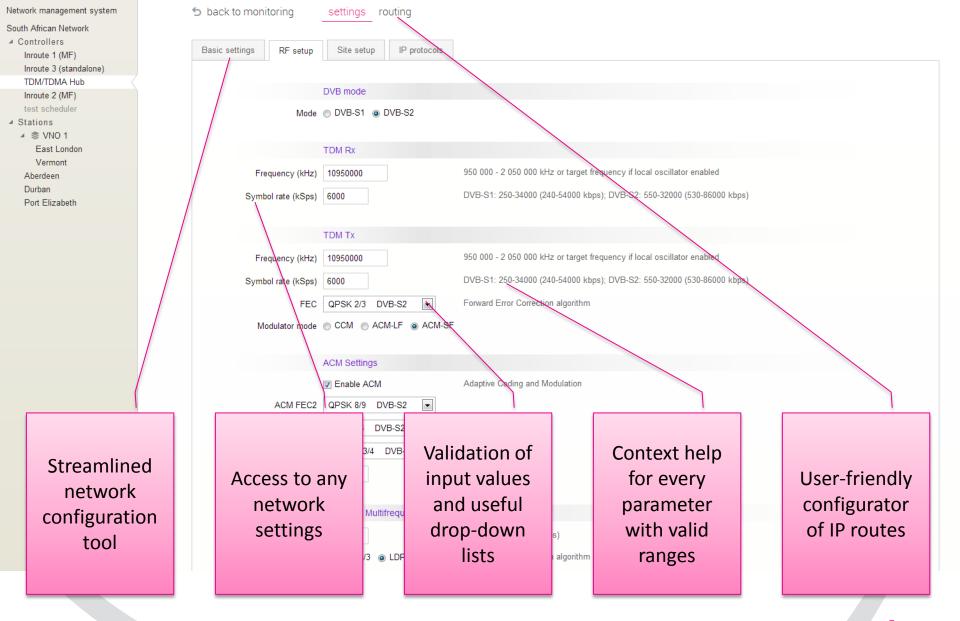


28 Feb 15:02

28 Feb 15:02

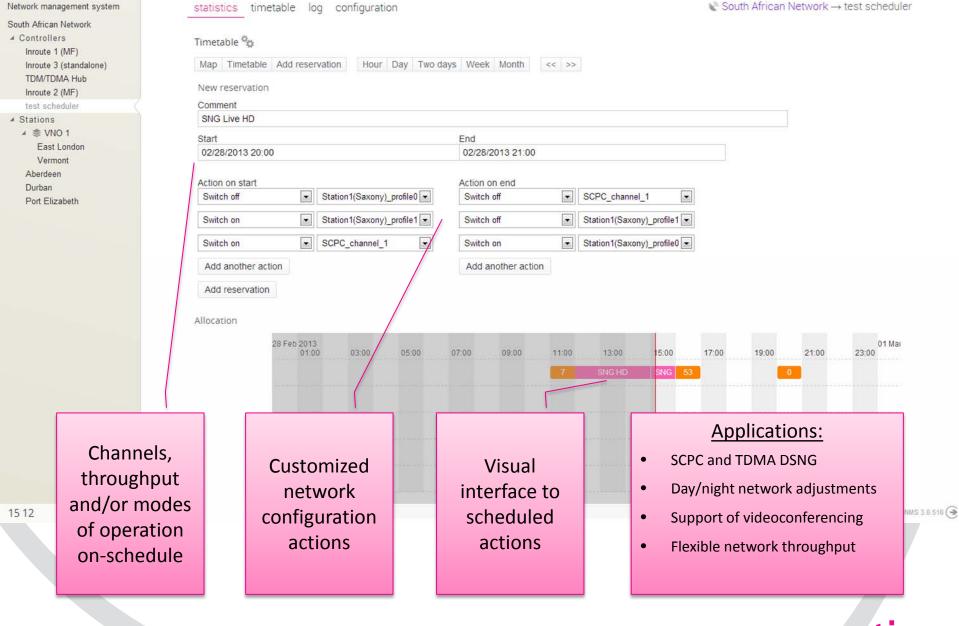
28 Feb 15:02

28 Feb 15:02



UHP NMS: Network Configuration





UHP NMS: Scheduler



UHP NMS: SPECIFICATIONS



SERVER	
Hardware	Rack-mountable 1U, Intel 2.6 GHz, 3GB RAM, 200GB/SATA (higher on demand)
Operating System	Linux
Network Interface	4 Fast Ethernet/Gigabit Ethernet
NETWORK	
Supported UHP networks	TDM/TDMA, TDM/TDMA MESH, Hubless TDMA
Multi-Hub operations	Up to 25 Hubs
Virtual Network Operators	Up to 25 VNOs per each hierarchy level
Statistics database disc usage	20 Mbytes/year/terminal
Statistics gathering interval	From 10 seconds (1 minute default)
ORDER CODE / MODIFICATIONS	
UHP-NMS-BASE	UHP NMS 3.X Server Basic: Support for one network
UHP-NMS-VNO	UHP NMS 3.X Server VNO: Support for multiple networks and VNO

