VIASAT NETAGILITY™ MOBILE ROUTER (NMR) 2410

Mobile SD-WAN networking platform

Low-SWAP platform that enables multiple, simultaneous network connections

The Viasat NetAgility™ Mobile Router (NMR) 2410 is a low-SWAP computing platform that enables the utilization of multiple, simultaneous network connections while providing robust and resilient connectivity. This device contains four 2.5G Ethernet interfaces, one Cellular Modem (US or EU), and one Wi-Fi card, making it a great choice for a wide range of applications.

The NMR-2410 can be set in Primary, Alternate, Contingency, Emergency (PACE) configuration for high-speed transport bonding or autonomous resiliency. With the power of SD-WAN, this router can deliver high-speed data throughput and maintain the user's experience, even where certain networks are congested and contested. Management of the device can be done locally or through Viasat's NetAgility Orchestration Portal (NVO-1000).

The NMR-2410 is designed for a variety of use cases, such as transport bonding routers in Hub-Spoke SD-WAN networks, or Mesh routers to allow different Layer-2 and Layer-3 transports to connect over Line of Sight (LOS) and Beyond Line of Sight (BLOS) communications. This router has cloud and local management for ease of deployment and remote management, and Layer 2 Synthetic Mesh and Layer 3 bonding technology.

Viasat's NMR-2410 keeps you connected across distributed locations using mixed commercial and tactical transports to maintain tactical edge connectivity when and where you need it.
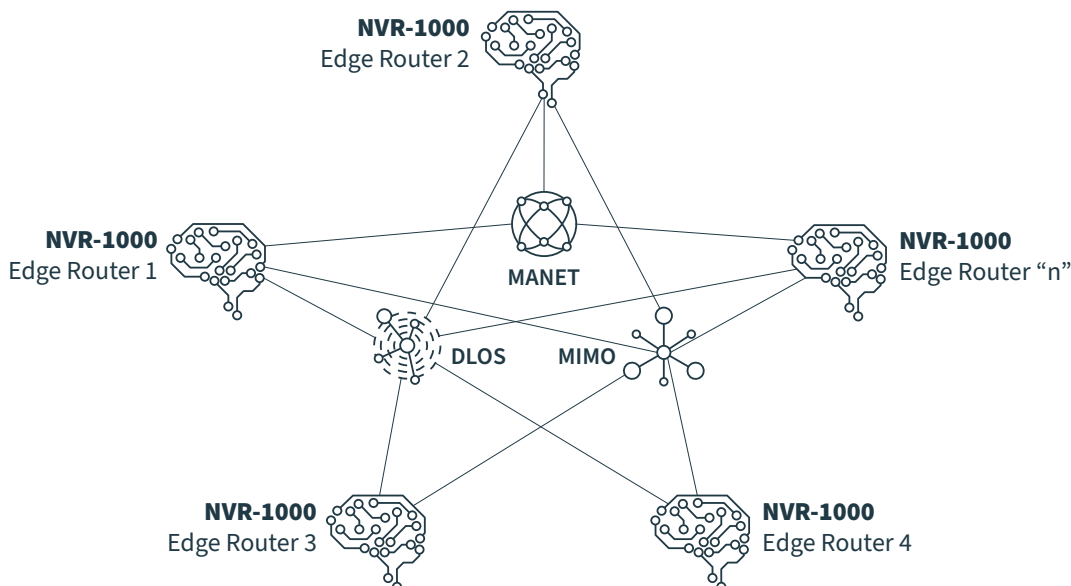

Figure 1: NetAgility automated failover intelligent Mesh for situational awareness and comms in distributed environments of mix LOS networks.

Viasat NetAgility™ Mobile Router (NMR) 2410
Specifications

PROCESSING

Processor	Intel Celeron J6412 (64 bit, 2.0 GHz Base, 2.6 GHz Turbo, 1.5 MB Cache)
Processor Cores	Four (4)
Processor Threads	Four (4)
Video/Graphics	Intel UHD Graphics for 10th Gen, one (1) HDMI 1.4, one (1) DP 1.4
Audio	Audio over HDMI
Memory	16 GB
Storage	240 GB

PHYSICAL

Power	Input 12 V DC, Idle: 12 W - Max: 24 W
Dimensions	5.75 x 5 x 2.7 in., 146 x 127 x 50 mm
Weight	1 lbs. 12 oz, 0.80 Kg
Mounting Options	Desktop, VESA Bracket, Optional 1RU Rack Mount

INTERFACES

External I/O	Four (4) 2.5 Gbps RJ-45 Ethernet Ports Two (2) USB 3.0 Type A One (1) USB 3.2 Type C, 10 Gbps with Display Port One (1) USB Micro 2.0 (Console) One (1) HDMI One (1) Display Port One (1) 4FF SIM Holder One (1) 12V DC Power Jack Four (4) Wi-Fi/LTE antenna connections
Wi-Fi	802.11ac/a/b/g/n
Cellular	Cat4 LTE (US and EU variants available)
Indicators	One (1) LED Power Button (Blue) One (1) LED Power Indicator (Green) One (1) LED Disk Activity Indicator (Amber)

ENVIRONMENTAL

Operating Temperature	+14 – +122 °F, -10 – +50 °C
Operating Humidity	0 – 95% relative humidity, non-condensing

ORDERING INFORMATIO

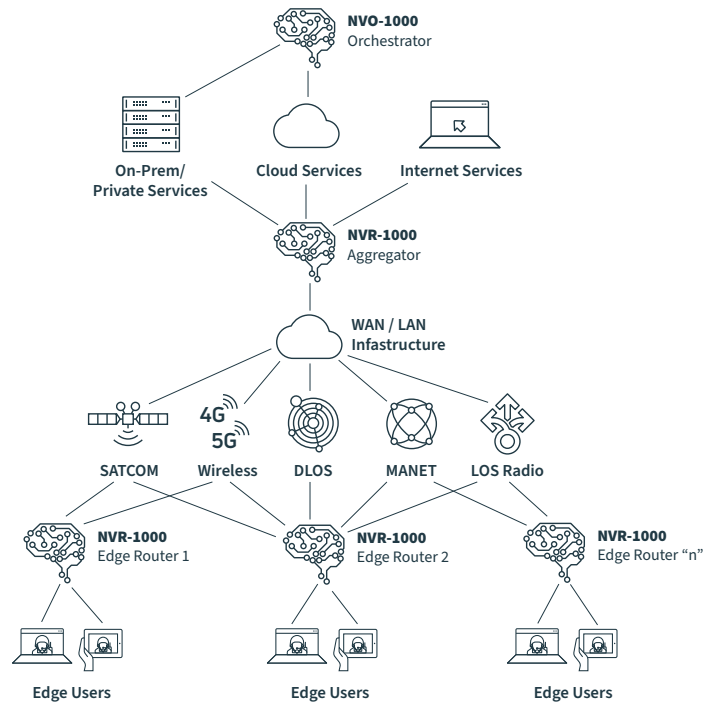|	
Part Number	1444183 – NetAgility™ Mobile Router (NMR) 2410 with US Cellular Modem 1434426 – NetAgility™ Mobile Router (NMR) 2410 with EU Cellular Modem

Figure 2: NetAgility multi-transport, multi-platform, and multi-cloud resilient bonded networks for optimized data sharing and services access.

Figure 3: Rear View