Rapide

Powered by NetOS

Rapide is a network monitoring, control and management software and hardware solution that simplifies network operations for deployable or temporary enterprise networks. Rapide provides the full functionality of the Zeetta Enterprise suite on portable hardware.

Rapide is designed to support enterprise networks in areas without permanent infrastructure or reliable connectivity.

Rapide is a flexible solution for multi-technology temporary connectivity including fixed/LAN, Wi-Fi (IEEE) and Cellular (3GPP).

Rapide provides complete programmable control for enterprise networks that can be deployed within minutes.

Rapide's Mode Management feature allows one box to maintain a number of different "modes" for "one-click" reconfiguration.

10x Power sockets (UK default)
4x Power sockets available for customer devices
+ 1x USB 2.4A socket

Empty Units for hosting customer devices or additional network devices

Router

JSB Switch for easy access to the USB ports in the servers single keyboard set for both)

Built-in Wi-Fi controller(s)

Easy fit/remove lids on both sides of the box

Portable, rugged 19" rack fitted with casters and hand bar

Core switch. Bare Metal. PoE+. Programmable.
40x 1GbE + 8x 10GbE + 4x 40GbE
40x 1GbE available for access
8x 10GbE available for access/backhaul
4x 40GbE available for backhaul

2x High performance, small form factor servers for NetOS® Enterprise controller, local network services and Edge Computing platform

4x WiFi Access Points (customisable), one for high density/mobility access (Wave2) and a standard one
Not depicted

Easy fit/remove lids on both sides of the box

Rapide - Deployable Enterprise Network

Unique Features:

- Only **Rapide** provides rapid deployment with the ability to manage complex enterprise requirements beyond simple connectivity.
- Only **Rapide** enables a "network-for-life" with comprehensive out-of-the-box functionality and a smooth migration from temporary network to permanent network without disruption.

Solving business problems with Rapide

- Most mission and business critical services require connectivity to operate. They need ubiquitous access.
- Responding to a disaster or incident organisations need connectivity restored within minutes.
- Where connectivity is limited organisations need to allocate resources based on priority and need.
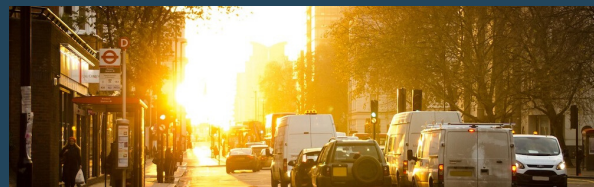
Using Rapide

- **Rapide** allows users to store and pre-configure services in advance so that sophisticated services can be deployed out-of-the-box within minutes of arrival on-site.
- **Rapide** allows organisations to prioritise their services to ensure connectivity is allocated and protected based on business need.
- **Rapide** enables real-time fault-finding and visibility in deployable networks improving performance.

Impact of Rapide

- **Rapide** allows organisations to operate anywhere within minutes of arrival.
- In its first deployment, **Rapide** created a 300% increase in retail turnover through enabling electronic (ePoS) payments.

Use Case: Improving Air Quality

Business Challenge:
- Bristol, UK, has an air quality problem with an estimated 5 deaths per week due to pollution.
- Children are especially vulnerable. Some schools are close to major roads.

Business Impact
- Responding to changing pollution levels can help save lives.
- Many pollution monitoring systems provide historical (non-real-time) data.

Solution - Zeetta Rapide
- Rapide was deployed to support a temporary IoT air-quality sensor network within 1 hour.

Outcome
- The council and public health teams can respond in real time to pollution levels reducing exposure.

Unique Capabilities - Programmable Network Management

Only **Rapide** provides a deployable enterprise network capable of managing sophisticated enterprise services in real-time. Rapide provides more than simple ubiquitous access to connectivity. It provides deployable real-time control.

Only **Rapide** allows users to pre-configure services, store them and deploy them automatically so that the enterprise network supports tailored sophisticated services out-of-the-box on deployment.

- **Rapide** significantly reduces the time it takes to manage networks, make changes and resolve faults.
- **Rapide** automates repetitive manual tasks, allowing businesses to streamline processes and reduce errors.
- **Rapide** takes complex networks, and creates a simple, more manageable, abstracted service-centric view.

Rapide - Deployed to support major events

Features

Rapide - Key Features
(Release 2.2)

Full Visualise 2.2 Feature Set +
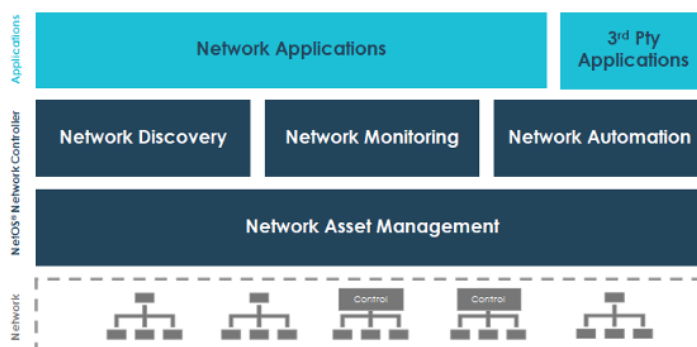**Full Optimise 2.2 Feature Set +**
Full Automate 2.2 Feature Set

+ *Training and user documentation*
+ *Hardware reference architecture*
+ *Hardware build, configuration and testing*

Note: Please refer to Zeetta Networks - NetOS Product Description for complete feature set text

Powered by NetOS®

Automate is powered by NetOS®. NetOS® is the enabling technology for all products in the Zeetta Enterprise portfolio. NetOS® is a network monitoring, control and management platform which contains a number service functions including Network Discovery, Network Monitoring Network Automation and Asset Management.

- **Asset Management.** NetOS® uses device drivers to communicate with devices in the network.
- **Network Discovery.** NetOS® supports heterogeneous asset integration into a common topology abstraction.
- **Network Monitoring.** NetOS® provides performance, monitoring and diagnostic features including topology monitoring, host tracking and statistics collection.
- **Network Automation.** NetOS provides intent based network capabilities through service orchestration.
- **Network Applications.** NetOS® provides applications which facilitate the administration of the network and delivery of network service.

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