SnakeSwitch

Intelligent Network switching

Flexible

Manage any number of Internet connections

Economic

Data usage-based switching

Dependable

Smart circuit quality detection

Reliable

Flexible fallback configurations

Secure

Firewall settings follow network selection

Transparent

Clear status indication on dashboard

Manageable

Manual and emergency override options

SnakeSwitch

SnakeSwitch provides dynamic uplink switching for multiple wide area network (WAN) circuits. These can be satellite connections, mobile, Wi-Fi or any other IP network. SnakeSwitch monitors circuit availability and provides manual or automated switching between WAN circuits based on a wide choice of criteria.

Flexible

Operate as many network WAN connections as your ship's installation requires. External satellite or other IP connections are equally well supported, as the LTE and Wi-fi circuits provided by the SnakeBox. SnakeBox LTE and Wi-Fi fully support roaming and automatically connects to available networks once in range.

Economic

SnakeSwitch supports route changes based on circuit availability and it extends the concept to quota-based switching. This combination caters for connection reliability as well as cost effectiveness. Simply define a quota for any circuit over a given time frame and SnakeSwitch will fall back to the next defined circuit once the quota has been reached. Make full use of your service provider plan while still assuring permanent network connectivity.

Dependable

Smart circuit sensing assures that only networks, that can reliably transfer data, are selected. Unstable circuits, such as a link over a weak mobile network signal, are not chosen until they can assure reliable service.

Reliable

Flexible fallback patterns, quotas and intelligent circuit changes combine to bring you a reliable automated switching service, that assures uninterrupted and economic network access.

Secure

SnakeSwitch is connected to the SnakeWall feature. A change of the network connection automatically triggers a switch to the firewall rules defined for the active circuit by SnakeWall. It assures full network security across any network path and protects you against unwanted usage and surprise bills.

Transparent

The SnakeBox control panel is easily accessible from any PC or mobile device and gives you instant status information. Detailed information and circuit check options assist you in controlling your network devices and connections.

Manageable

A manual circuit selection, a temporary WAN suspension and an emergency network disconnect option are provided to cater for exceptional circumstances. To troubleshoot your satellite terminal or network router, SnakeBox provides access to the device configuration screen through an easily accessible network URL.