

VT VESSEL TECHNOLOGY

DPSS® Net

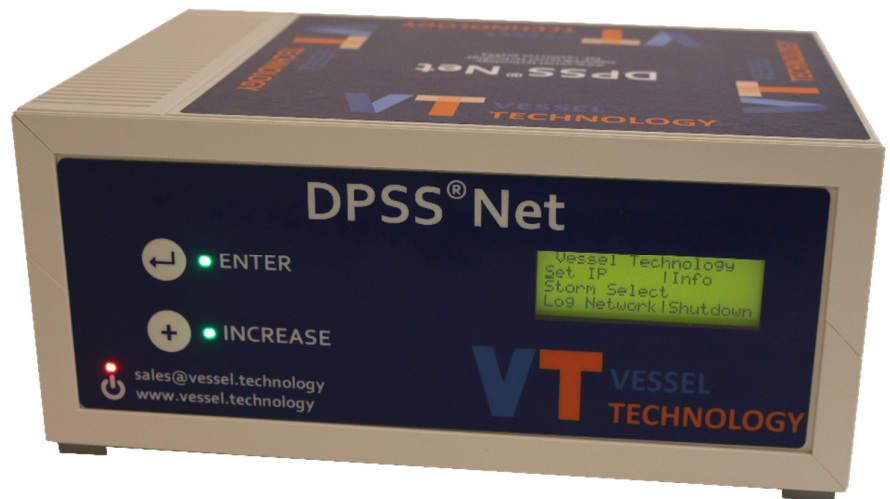
The DPSS® Net is an easy-to-use tool which allows vessel crew to conduct network storm tests.

On a typical DP system, a network storm should not have a detrimental effect on position keeping as there is typically redundancy in the form of dual networks.

The DPSS Net makes it quick and easy to conduct network storm tests on your DP system or other control systems. It does this by generating relevant packets of data to target the device/system under test.

The DPSS Net is customised to meet the needs and requirements of each vessel and updates can be provided remotely. The DPSS® Net puts the ability to easily simulate the signals into the hands of the user.

The DPSS® Net reduces the need for callouts to service engineers, reducing downtime and expense whilst being independent from the manufacturer. The DPSS® Net equips the vessel crew with the hardware to utilise the knowledge gained from the DP maintenance course.

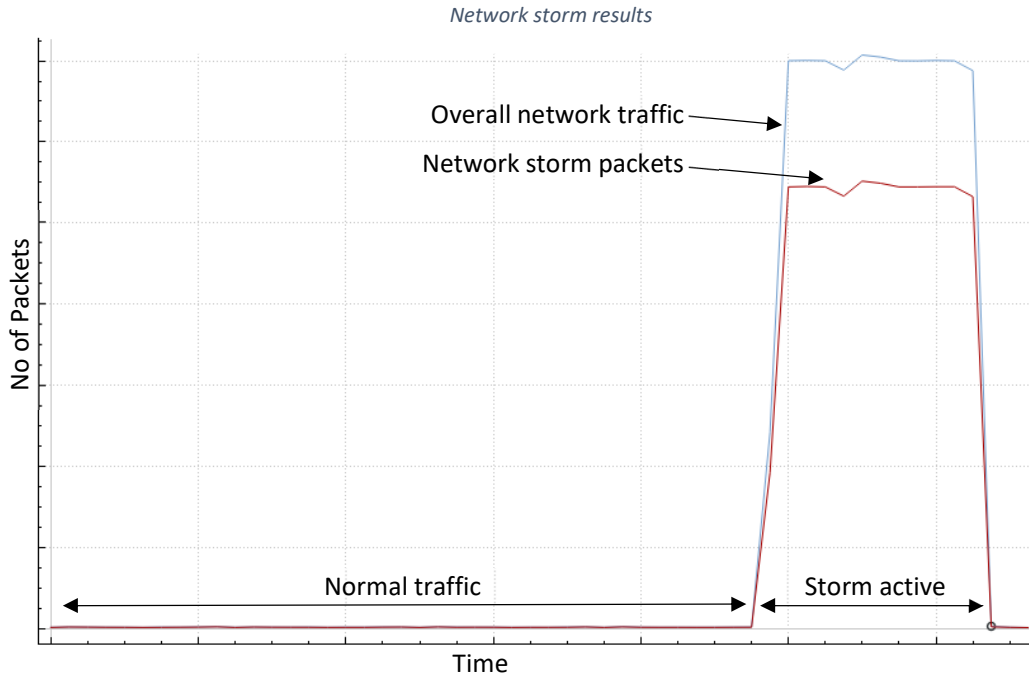


Benefits

- No need for costly service engineer
- Independent from manufacturer
- Save time and conduct tests at a time convenient for the vessel
- Vessel crew equipped to perform testing

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Why the DPSS Net and not loop a cable in a switch?

Looping a network cable into a switch will increase the overall volume on the network rather than increasing that of only the relevant packets of data to target the hardware under test. However, the DPSS Net ensures that the extra packets of data on the network are predominately the relevant packets to test – see the chart above.

Will this work on my hardware/network?

The DPSS Net connects to a network with a standard RJ45 cable. The DPSS Net is configured to work with your equipment/network. An initial remote setup is undertaken and after this the firmware is updated with the configuration for the specific network(s). System tested to date include DP (Dynamic Positioning), various IAS systems, thruster controls, reference systems and bespoke automation systems.

CAPABILITY

Functionality

Typically customised to fit your hardware/network. Network storm tests can be configured as agreed with the customer.

Software updates

Remote software update capability

STANDARD SUPPLY

Standard supply

DPSS Net unit, Power supply, manual, cables, network switch, tap, optionality to supply logging hardware.

PHYSICAL

DPSS[®] Net kit dimensions

29cm x 20cm x 12.4cm



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