

KVH Managed Firewall Service

Quick Start Guide



The following instructions explain how to install the managed FortiGate® firewall device on your vessel and connect it to the KVH TracNet™ or TracPhone® antenna system.

IMPORTANT!

Do not follow installation and registration instructions provided by Fortinet. The FortiGate device has been preregistered and activated by KVH for your managed firewall subscription service. You only need to follow the steps provided in this document to get up and running.

Kitpack Contents List

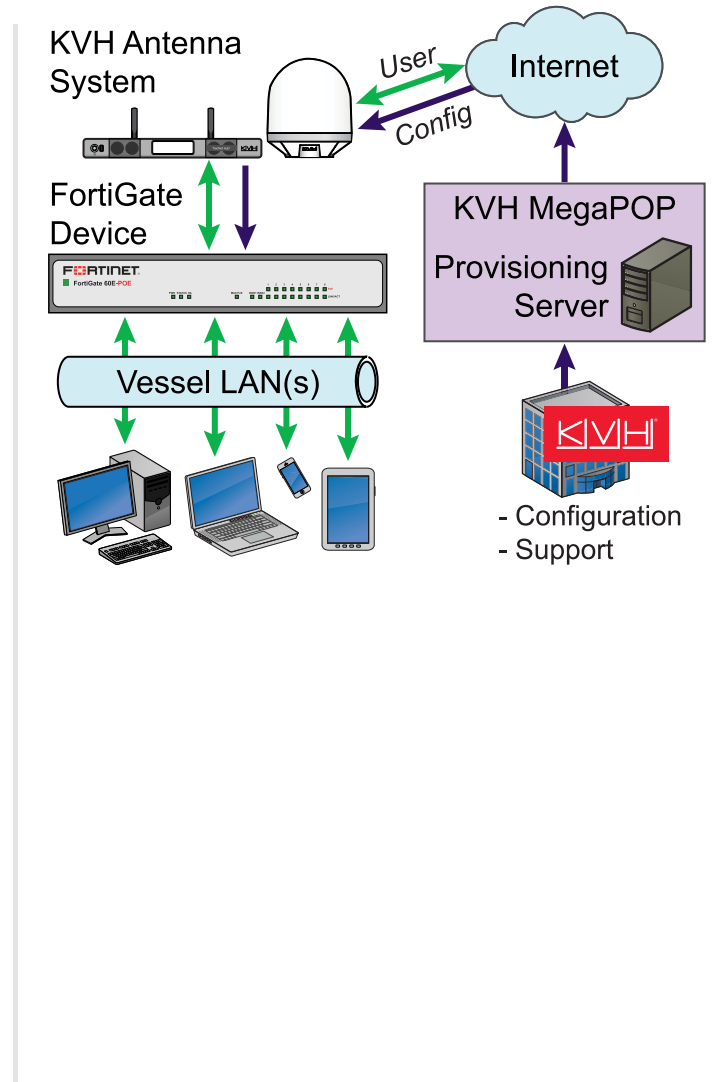
The following items are included with the device:

- AC-DC power adapter
- AC power cables (US and European versions)
- Ground wire
- Three Ethernet cables
- VELCRO® hook and loop tape

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Note: The FortiGate device may vary from the model shown in this document.



Technical Support

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Email: mvbsupport@kvh.com

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Network Connections

Follow these steps and refer to the example diagrams to connect the FortiGate device between the TracNet or TracPhone system and your vessel's LAN(s).

Note: Refer to the TracNet or TracPhone system's Installation Guide or online Help for Ethernet port configuration details.

Figure 1: TracNet H-series Network Connections (EXAMPLE)

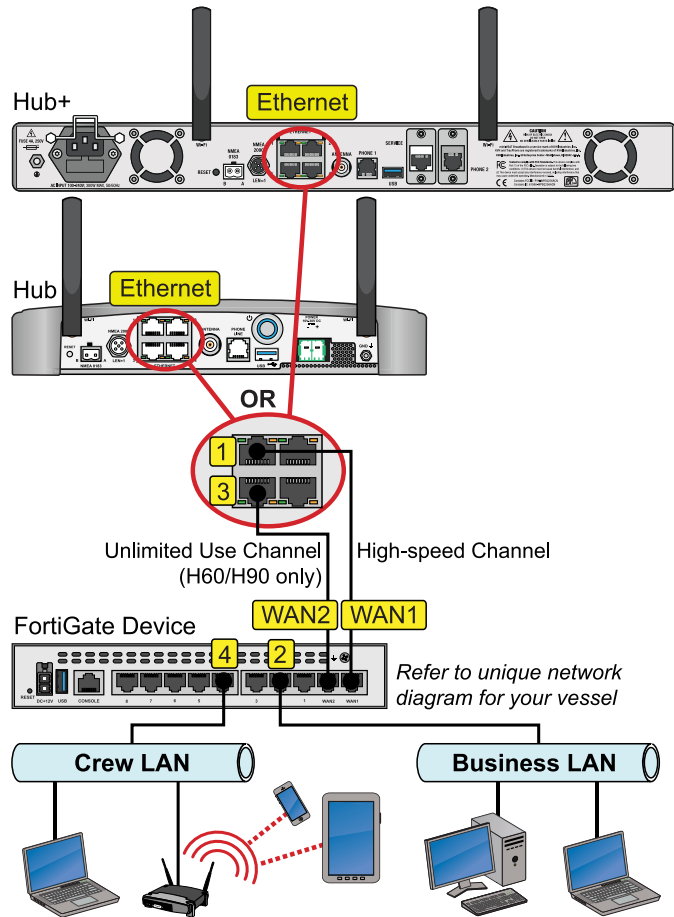
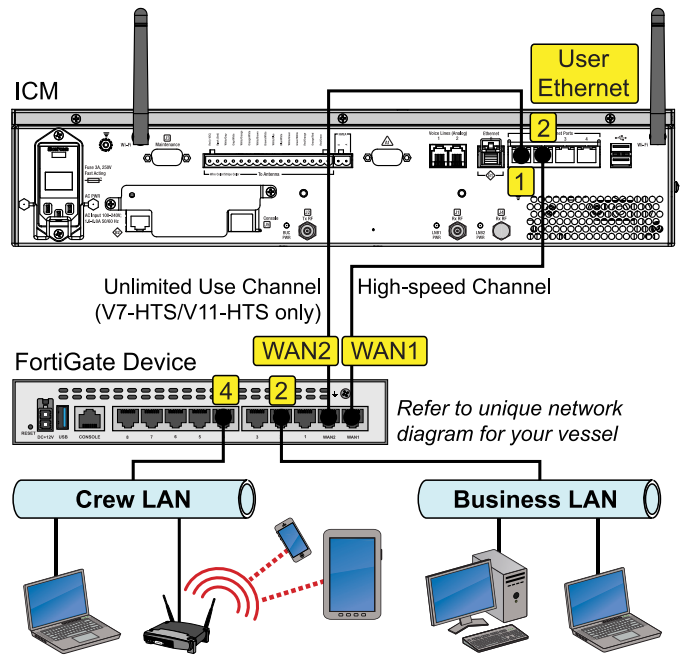


Figure 2: TracPhone HTS-series Network Connections (EXAMPLE)



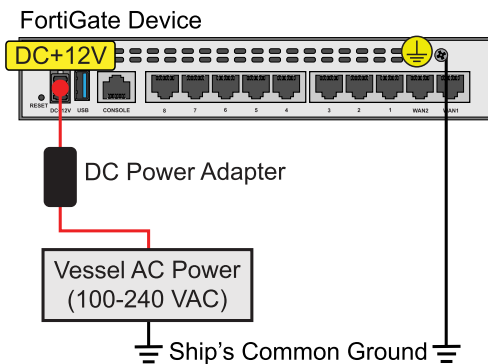
1. Using a supplied Ethernet cable, connect the “WAN1” port on the FortiGate device to a designated High-speed channel Ethernet port on the TracNet system’s Hub+ / Hub or TracPhone system’s ICM.
2. **H60/H90/V7-HTS/V11-HTS only:** Using a second Ethernet cable, connect the “WAN2” port on the FortiGate device to a designated Unlimited Use channel Ethernet port on the TracNet system’s Hub+ / Hub or TracPhone system’s ICM.
3. Connect your vessel’s LAN(s) to the Ethernet ports on the FortiGate device in accordance with the unique network diagram provided by KVH for your particular vessel. If you have not yet received this diagram, contact KVH Technical Support.

Power Connections

The FortiGate device runs on 12 VDC (3A) power supplied by an AC-DC power adapter, which connects to 100-240 VAC 50/60 Hz vessel power.

1. Connect the supplied ground wire from the device's ground lug to ship's common ground.
2. Connect the AC power cable to the AC-DC power adapter. Then connect the power adapter to the FortiGate device.
3. Plug in the AC power cable to the vessel's AC power.

Figure 3: Power Connections



Configuration

Once the FortiGate device is powered up, contact KVH Technical Support (mvbsupport@kvh.com) to configure the device for your vessel. KVH will deliver your unique configuration file over the air via your TracNet or TracPhone system's Internet connection. Once the file has been downloaded to your device, the managed firewall service is ready for use.

Mounting

Secure the FortiGate device to a horizontal surface in an adequate manner to prevent it from shifting while the vessel is in motion. Heavy-duty VELCRO hook-and-loop tape is provided in the kit.

Troubleshooting

If the FortiGate device and KVH managed firewall service do not function as expected, contact KVH Technical Support (mvbsupport@kvh.com) for assistance.