

## SPiRiT STANAG 5066 HF e-mail Gateway

SPiRiT HF e-mail Gateway provides reliable sending/receiving e-mail messages over HF radio by using HF data modems in combination with an ARQ data link protocol. The software fully complies with STANAG 5066, an international public standard for HF data communications.

The solution includes a complete set of features required to support modern and changing user requirements regarding automation and quality of service in multipoint networks.

Adaptive data rate and interleaver control mechanisms support automatically changing the user data rate in response to changing propagation conditions.

QoS mechanism allows allocating bandwidth on demand for some clients. Smart queuing strategy, which takes into account HF network specifics, enables several clients to use HF network for data exchange simultaneously.

Although STANAG5066 standard specifies support of military grade HF modems, supporting specific waveforms only, SPiRiT implementation allows using it with commercial modems thus giving them new improved quality.

### Benefits

- Easy portable
- Highly optimized

### Key Features

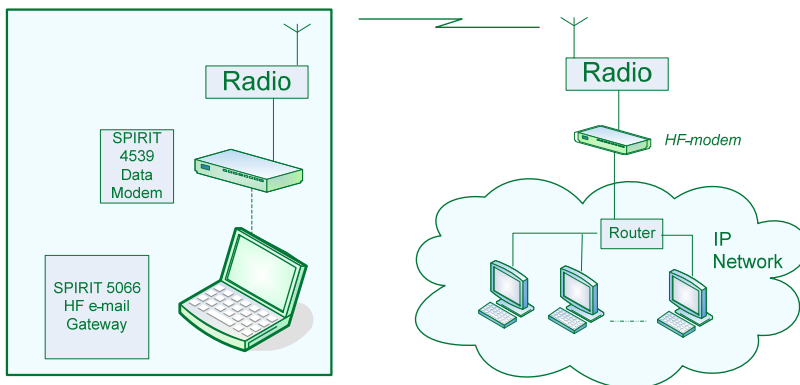
- STANAG 5066 compatible

### Applications

- Gateways for maritime ship-to-shore HF communications

### Availability

- PC (Win) Now
- PC (Linux) Now
- ARM9E Now



## Features

- Supports ARQ/non-ARQ prioritized data transmission
- Enables multipoint and multimode operation
- Capable to operate in single-frequency and ALE networks
- Supports adaptive data rate and interleaver control mechanisms automatically changing the user data rate in response to changing propagation conditions
- QoS mechanism allows allocating bandwidth on demand for some clients

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