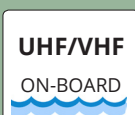


ROIPSYSTEM

IP-BASED TWO WAY RADIO SYSTEM

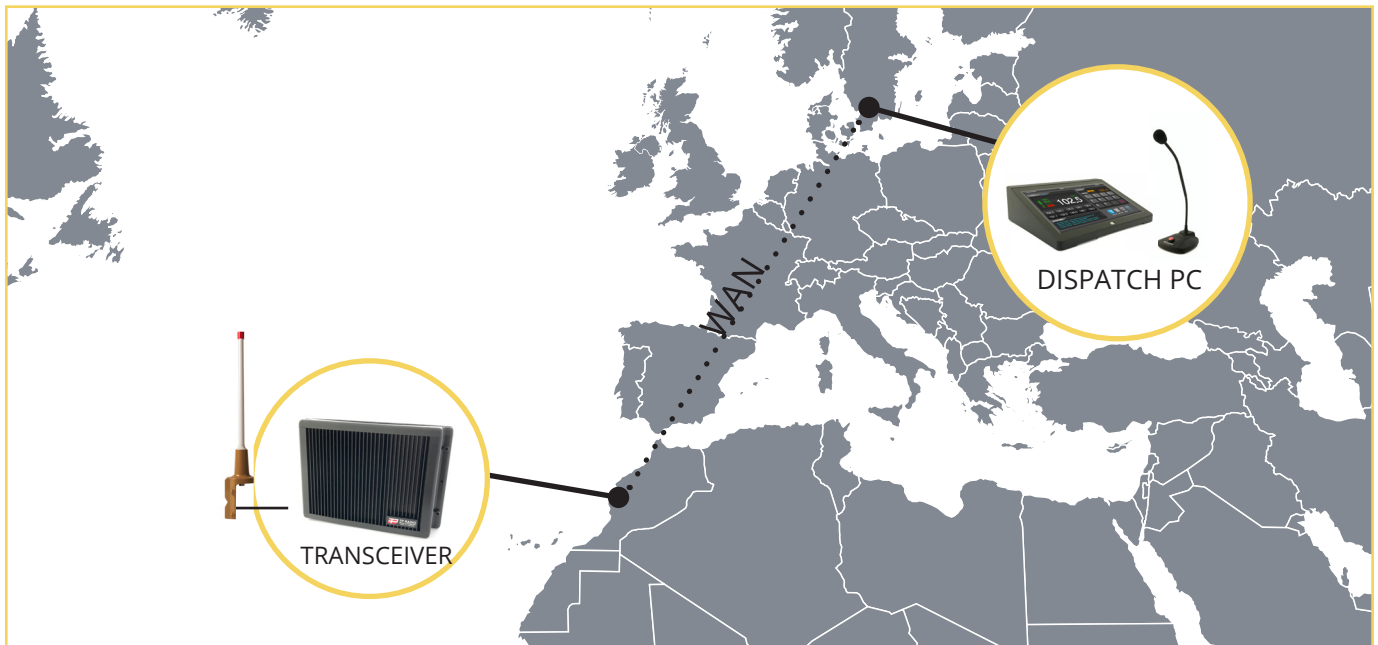
With the digitalized TCP/IP system, conventional components such as Audio Distributor System, Circuit Controller System, Command Console, Receiving Monitor Display are all unnecessary.

All you need is Transceiver and a PC, speaker and Microphone. This means a lot easier maintenance and troubleshooting as well.



MARITIME / OIL & GAS / ONBOARD /
INLAND / HARBOR - PORTS / ETC.

REACH A DISTANT VHF/UHF RADIO THROUGH IP-NETWORK



The system is a IP-network-based communication system (RTP protocol) that is controlled from a remote Operator PC. By using VCCS (**Vessel Communication Control System**) software, VHF & UHF voice communication equipment is integrated to a PC controlled by one operator.

ROIP SYSTEM

Each remote PC can connect to any TP Radio ROIP Transceiver device in the established network. The system can easily be expanded by adding remote equipment and transceivers - both UHF and VHF combined if required.

The software VCCS-software can be installed on a Windows® PC and from here it is possible to communicate with any of the ROIP-radios installed in the ROIP-system.

DISPATCH / CONTROL PC

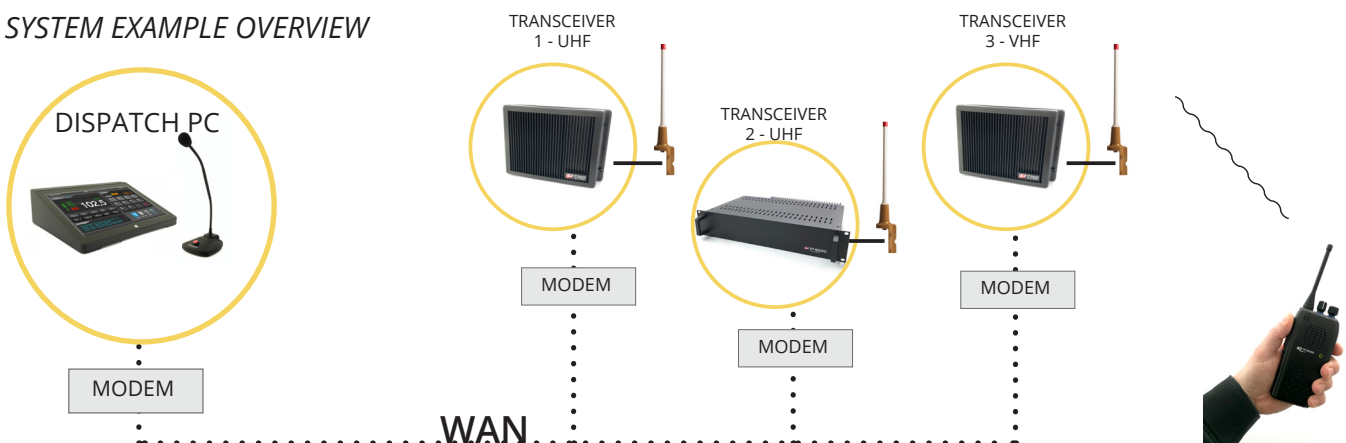
From the dispatch PC simply choose the channel desired and push the PTT button to communicate via the transceiver chosen. If the USB-desktop microphone is added, the Push-to-talk function is at the base of the microphone and makes it an easy and functional dispatch setup.

By using multiple equipment access, operator can either select single or multiple voice equipment to transmit voice.

CALL-LOG-FUNCTION

A log-function automatically records and logs all communication (channel, time, date, voice) and can be accessed from the dispatch PC - a very useful function for rendering communication information.

SYSTEM EXAMPLE OVERVIEW



SYSTEM CONTENT & OPTIONS

A ROIP system can be composed in numerous ways - here are the components available

ROIP TRANSCEIVER

The ROIP transceiver is a two-way radio communication unit for either UHF or VHF frequencies. Numerous transceivers can be added to the system - also UHF/VHF combined. With a single window operating software, each and every voice communication system is accessible for voice listening. Operators can monitor equipment status of VHF/UHF systems and can remotely control manual gain, squelch and output power of each system

- Power supply and IP-interface
- Output(TX) adjustable from 1-50W
- Compact chassis or 19" Rack Drawer 2U
- Software included



DISPATCH /CONTROL PC

Windows®-based desktop touch PC with pre-installed TP Radio VCCS software.

- 10" touch screen
- Easy user interface
- Channel selection
- Voice log function
- Quick channel selection
- Transceiver info (power level, squelch)



USB DESKTOP PTT & MICROPHONE

Gooseneck microphone on desktop base with PTT button. Connects to dispatch PC via USB and that combined makes a first choice solution for a dispatch setup.

With 2 x 3.5mm jack ports it is possible to add an external speaker or a headset

- Add on, headset or external speaker
- USB connection
- PTT and microphone combined

