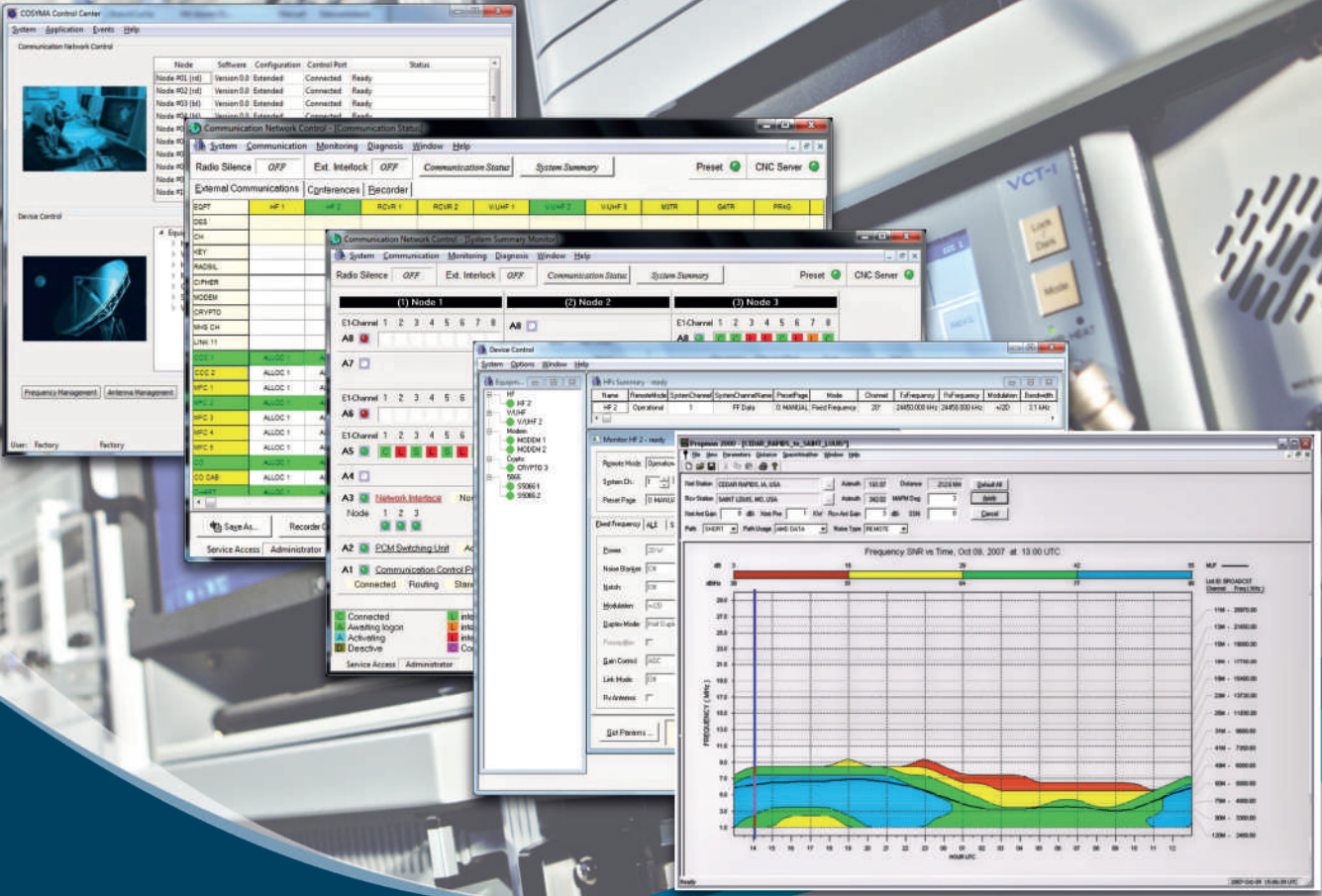


SCAN ME



AEROMARITIME



The application software provides overall management and control of the Advanced Platform Communications System APCOS®4000/ APCOS®5000:

- ❖ COSYMA Control Center (CCC)
- ❖ Communication Network Control (CNC)
- ❖ Device Control (DC)
- ❖ Frequency Management (FM)

COSYMA

Communications
System Manager

COSYMA

Communications System Manager

The COSYMA subsystem includes a server and a number of workstations (Communication Management Terminal – CMT) which provide overall system and network management, with full control of communication lines and devices (radios, modems, cryptos, ancillary equipment). COSYMA provides the following functions for control of the digital communications network APCOS®4000/APCOS®5000:

The **COSYMA Control Center (CCC)** provides:

- › System status overview
- › Event viewer
- › Access to Communication Network Control (CNC)
- › Access to Device Control (DC)
- › Access to Frequency Management (FM)

The **Communication Network Control (CNC)** software application provides configuration, control and monitoring functions for the digital communications network APCOS®4000/APCOS®5000. This overall programming and supervision is carried out at the Communication Management Terminals (CMTs).

The **Device Control (DC)** software application provides remote control capabilities from each provided workstation for radio, modem, crypto and peripheral devices (e.g. antenna distributor) at each CMT. Optionally, part of the device control functionality, especially control of radios, is also accessible from dedicated VCTs of the digital communication network APCOS®4000/APCOS®5000.

The **Frequency Management (FM)** application basically includes a propagation prediction software for HF communications so that the best channel or frequency can be selected for the respective radio link. As an advanced option based on COSYMA Device Control, Frequency Management checks the frequency and power settings of the different radios in the communications system and manages their use within the limits of the system's simultaneous operation performance and radiation hazard (RADHAZ) restrictions.

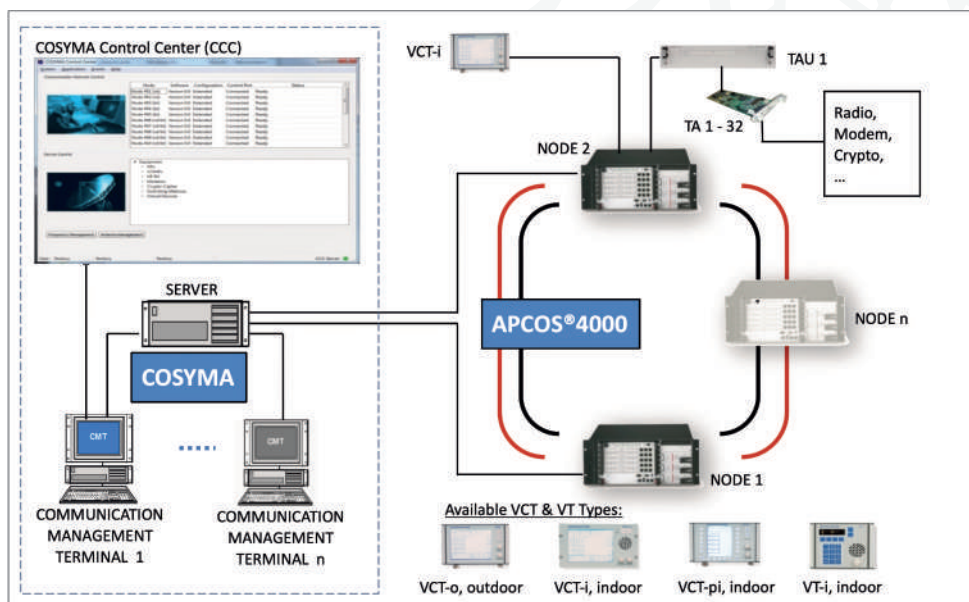


Fig.: Typical COSYMA - APCOS®4000 Configuration