

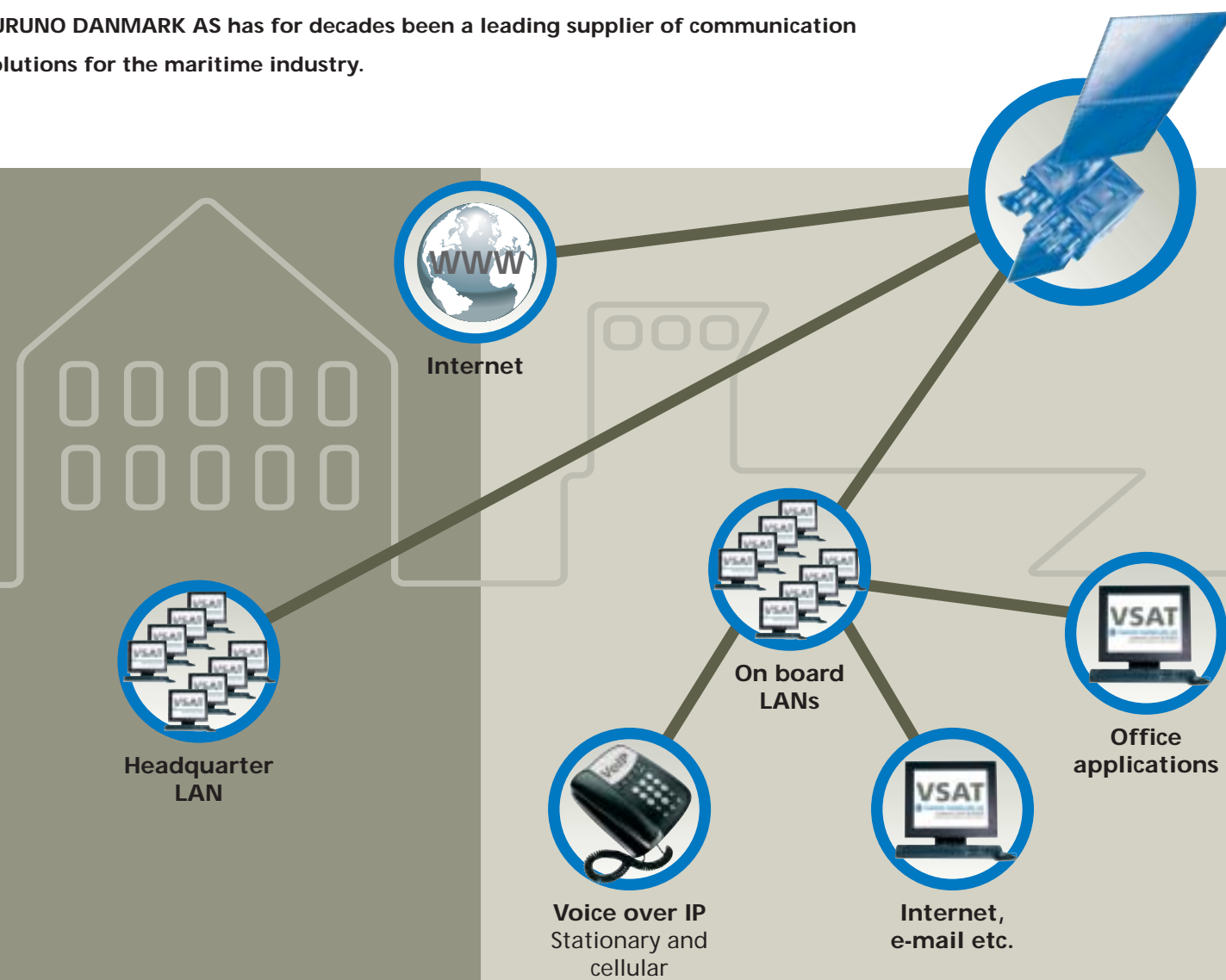
FDKCOMMUNICATIONS offers broad band Internet access for ships in operation all over the earth. We provide a turn key communications solution including satellite broadband connection, on-board LAN, configuration and set-up of connection to headquarter LAN, phone system and other applications.

FDKCOMMUNICATIONS is a business unit in the FURUNO DANMARK AS Group. FURUNO DANMARK AS has for decades been a leading supplier of communication solutions for the maritime industry.

TURN KEY COMMUNICATIONS SOLUTIONS

Maritime Broadband

...increase profitability - save costs



- » Internet connection
- » LAN to LAN configuration
- » Wireless LAN
- » Speed from 64 Kbps to 2 Mbps
- » VoIP
- » Private Cellular Network
- » Fixed monthly rate
- » World wide coverage
- » VSAT

FURUNO DANMARK AS
 FDK COMMUNICATIONS
 Hammerholmen 44-48
 DK-2650 Hvidovre

Phone: +45 36 77 45 00
 Fax: 045 36 77 45 01
 E-mail: furuno@furuno.dk
 Web: www.furuno.dk

 **FURUNO DANMARK AS**
FDKCOMMUNICATIONS
 Maritime Satellite Networking

Creating **Blue** Solutions

 **FURUNO DANMARK AS**
FDKCOMMUNICATIONS
 Maritime Satellite Networking

Connect your vessels with the world

The constant increasing demand for office tasks and requirements for communication on board commercial vessels, creates a demand for powerful and cost efficient on board broadband solutions. **FDKCOMMUNICATIONS** supply state of the art turn key solutions, if you want all the strategic benefits from having real instant access broadband on board the vessels in your fleet at a fixed monthly fee.

Broadband on board

FROM SHIP TO OFFICE

FDKCOMMUNICATIONS provides instant Internet access on board the vessel with speeds from 64 Kbps to 2 Mbps. The satellite based infrastructure provides coverage for ships in operation world wide. Our technicians provide network expertise to configure the satellite connection between ship owners head quarter LAN and the on board LAN.

The system provide a new era on board with direct access to your ERP system, IT helpdesk, access to fully integrated office solution, software updates, VoIP and any other service available via Internet.

A separate LAN can be available for the crew for phone calls (VoIP), e-mails, Internet etc..

HIGH IT SECURITY LEVEL

The communications solution from **FDKCOMMUNICATIONS** provides a complete separation between communication related to the operation of the ship and crew related communication.

Practically we establish two separate LANs to prevent any security risk due to exchange of data.

Any security aspect in the LAN to LAN connection between head quarter and ship is managed according to the same security protocols as employed in normal land based Virtual Private Networks.

TURN KEY SOLUTIONS

The turn key communications solution offered by **FDKCOMMUNICATIONS** covers



all elements from antenna systems, modems, network configuration, installation and support as well as our very attractive fixed bandwidth-rate program and 24 hours monitoring of system performance.

Our technical organisation is specialised in maritime IT and communications offering a turn key communications solution

customized for maritime purposes and the individual needs and demands for your organisation.

Keep your crew on the payroll



YOUNG FOLKS DEMANDS MORE AND MORE

To be competitive in the business any ship owner need qualified crew members. The new generations of Mariners and Engineers are accustomed to utilize modern communication technology to build a professional career and simultaneously maintain a harmonious family life.



ARE YOU PREPARED FOR THE FUTURE?

In the future qualified maritime crew members will select their place of work carefully with respect to available facilities like Internet, e-mail, video chat, phone, TV and entertainment etc.

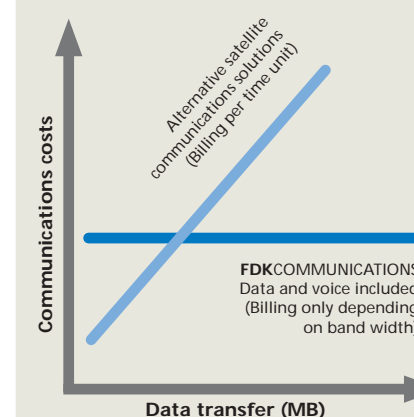
WE BRING YOU THE FUTURE NOW!

With the turn key communications solution from **FDKCOMMUNICATIONS** you both improve the profitability of the operation of your vessels and at the same time benefit from this very important crew aspect.

- » Internet
- » E-mail
- » Phone (VoIP) with no extra charge
- » Remote education programs
- » TV and entertainment
- » LAN to LAN with VPN (full office)
- » Remote monitoring for maintenance
- » Separate crew and operation networks
- » Telemedicine via IP-video

Flat rate economy

On-line 24 hours a day at a fixed rate - no unpleasant surprises!



With a maritime broadband solution from **FDKCOMMUNICATIONS** you know precisely the size of your communications budget month after month. No matter how extensive your broadband connection is utilized - the communications costs remain the same.

Using other satellite based systems for phone calls and data transfer will generate an ever growing cost-curve.

With relatively low band-width offered by other systems and costs calculated per minutes or per amount of data intensive use results in high and variable costs.

RETURN ON INVESTMENT (ROI)
FDKCOMMUNICATIONS offers to help you to calculate your point of break even. Investment in VSAT will probably pay itself faster than you imagined.



STRATEGIC BENEFITS WITH BROADBAND ON BOARD

It is a strategic decision to install **FDKCOMMUNICATIONS** broadband solutions in your fleet - a decision which will lead to improved profitability for the operation of each ship.

Some of the key benefits are:

- Electronic handling of cargo documents
- Attractive communications solution for charteres communication with vessel
- Attract and keep motivated and qualified crew members
- Fixed communications rates including full service and support

