

**FURUNO**



# **NavSkills CAT**

*NavSkills CAT-Computer Aided Training*

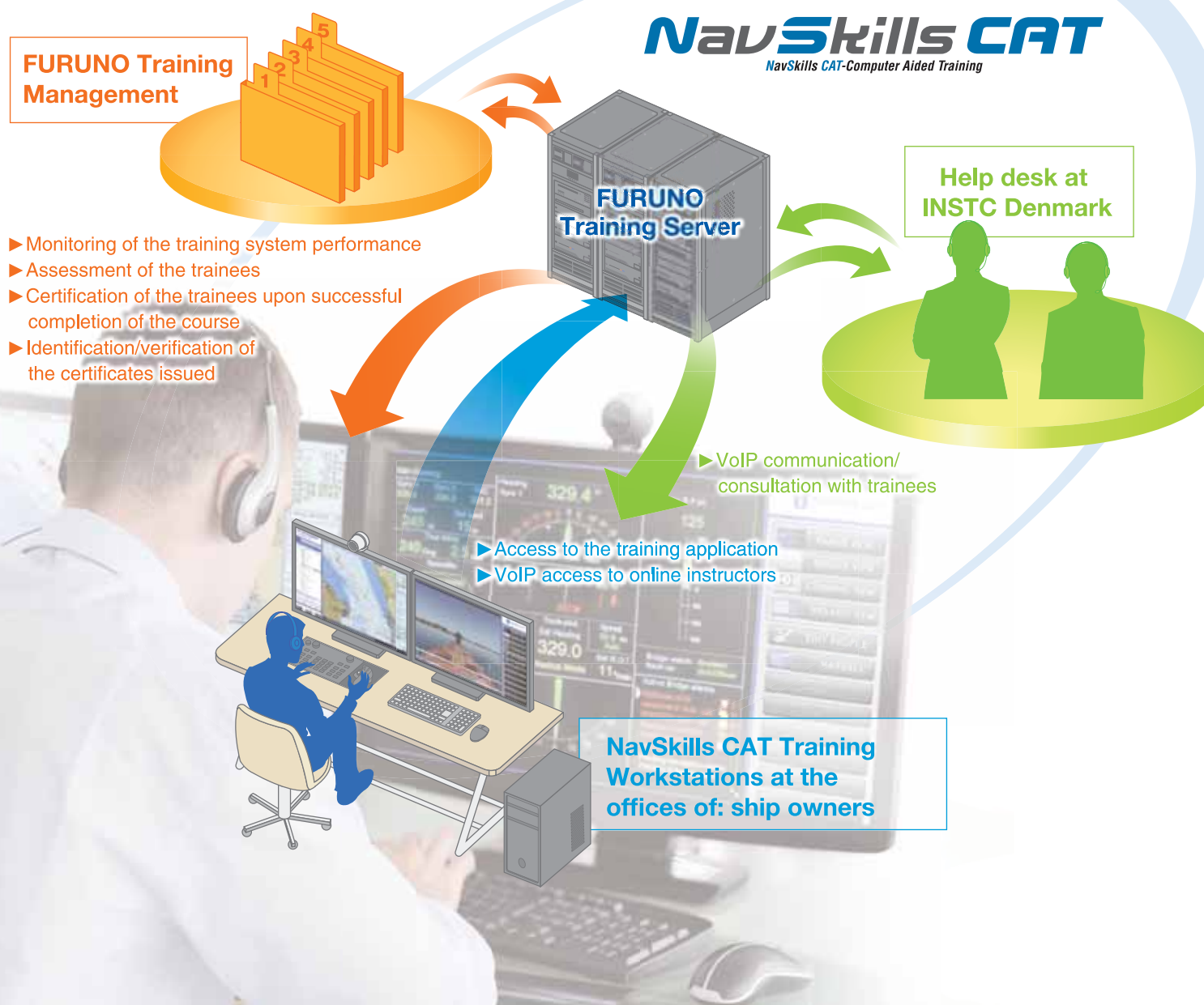
# *Your expressway to FURUNO type specific ECDIS*

## *Making professionally-tailored type specific ECDIS training more cost-effective and accessible*

FURUNO NavSkills CAT (Computer Aided Training) training solution is the subscription-based service package dedicated for ship owners, who are looking to incorporate type specific ECDIS training for models FEA-2107/FEA-2807 and FMD-3200/FMD-3300 into the in-house training scheme for their own navigators, hence making FURUNO type specific ECDIS training more cost-effective and accessible. Once signed up for NavSkills CAT service subscription and set up the NavSkills CAT workstation delivered, FURUNO type specific ECDIS training is readily available.

NavSkills CAT ECDIS training application is based on two-day class room type specific ECDIS training conducted at INSTC Denmark and INSTC Singapore. It is stored and periodically updated on the cloud server to which subscribers can access for training sessions through the Internet. This way, subscribers always receive up-to-date training applications without any upgrade of PC software. The training sessions consist of step-by-step exercises through which the trainees follow during the training sessions, and at the end of each step, there is an assessment session by which the trainees have to pass to demonstrate their understanding and competence before going onto the next level. During the training sessions, the trainees can consult with online instructors available at help desks around the globe. This way, any uncertainty arisen during the training session may be resolved.

### FURUNO NavSkills CAT system overview





NavSkills CAT service subscription includes everything needed for in-house type specific ECDIS training for FURUNO ECDIS models FEA-2107/2807 and FMD-3200/3300. No further investment is required!

The subscription of the NavSkills CAT service includes:

## ► Provision of one PC-based ECDIS training workstation\* with the FURUNO ECDIS control units for both models

No ordinary mouse and keyboard! The trainees are able to learn by using FURUNO NavSkills CAT ECDIS control units designed for training purpose, which employ fully functional, real user interface of the FURUNO ECDIS FEA-2107/2807 and FMD-3200/3300. This makes NavSkills trainees familiarized with the ECDIS they will be operating once assigned to a ship after completion of the course.

\*Inclusive of maintenance and upgrade of the training workstation



Monitors with screenshots



for FMD-3200/3300



for FEA-2107/2807

NavSkills CAT ECDIS keyboards

## ► Online access to the latest training programmes for the both models on the FURUNO training server

Training can be conducted at the offices of the ship owners, hence saving cost for transportation and accommodation for the trainees. Moreover, the contents and quality of the training programme is identical to the classroom training provided by INSTC Denmark, INSTC Singapore and FURUNO NavSkills Training Centres, which have been designed to conform to the training standards and requirements set out by flag administrations as well as vetting society. What is more, the trainees can access to the latest training programmes on the FURUNO training server at all times.



ECDIS EXERCISE DISPLAY

## ► Two-way communication support to online instructors via VoIP

Unlike other distance learning schemes, online access to the instructors is available to ensure that any questions that the trainees may have during the training be resolved on the spot through interactive communication between the trainees and the available instructors.



CONNING INFORMATION DISPLAY  
(available in 2013)

## ► Certification of the trainees from FURUNO INSTC upon successful completion of the course curriculum

## ► Flexible price plans available according to the need of the customers

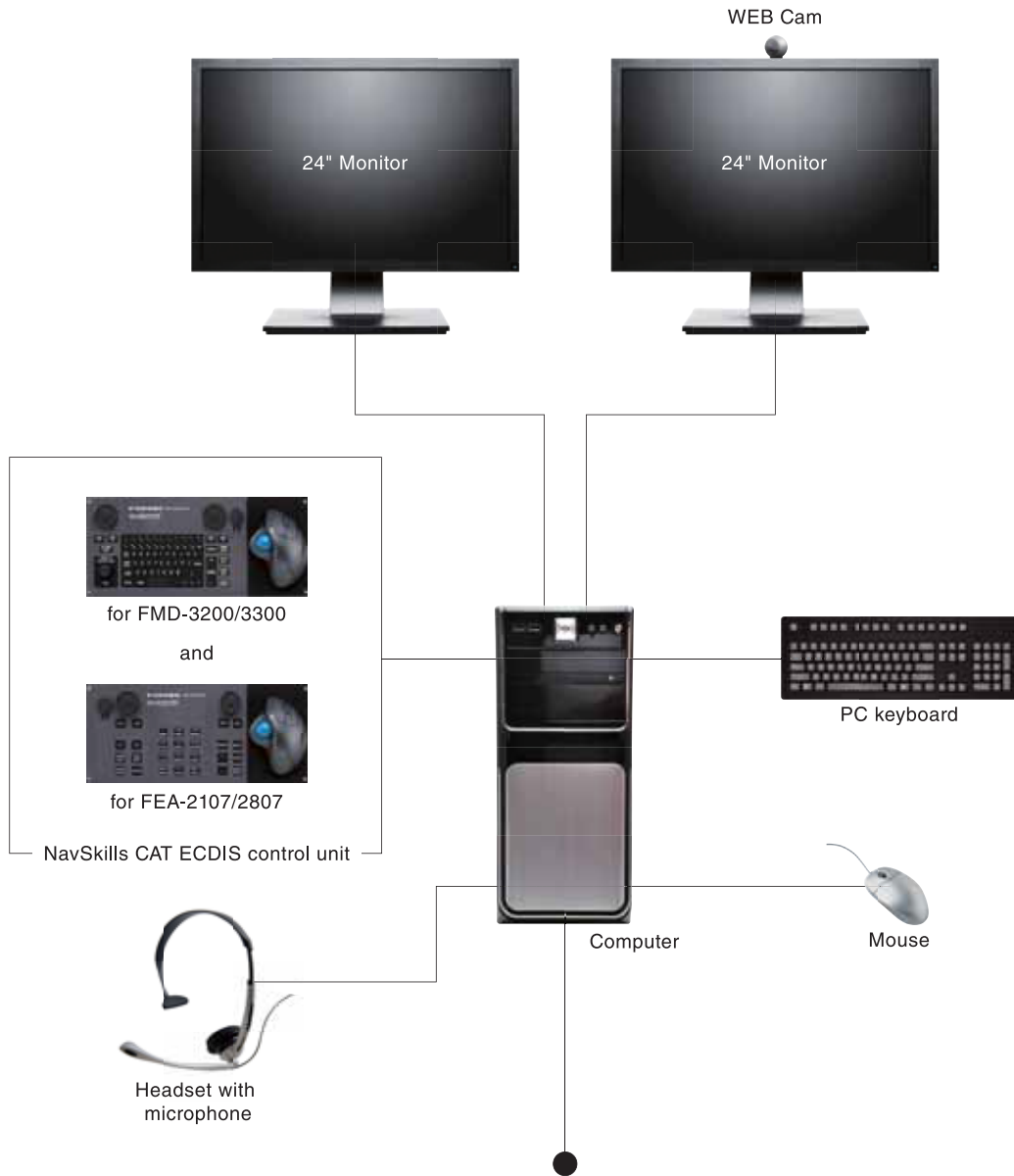
**Pay per workstation:** yearly flat rate per workstation regardless of the number of trainees using the service

**Pay per certificate:** pay-as-you-go plan depending upon the number of certificates issued, namely the number of the trainees using the service



VISUAL SIMULATION DISPLAY  
(available in 2013)

## Block diagram for NavSkills CAT Workstation



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