

# **NUPAS**

## **C A D M A T I C**

**Solution Provider for the Marine Industry**

### **Why Nupas-Cadmatic is the Smart Choice!**



### **Executive Summary**

**O P T I M I Z I N G   R E S O U R C E S**

# NUPAS CADMATIC Software

## Why Nupas-Cadmatic is the Smart Choice?

### One Solution for Efficient and Integrated Basic, Detail and Production Design

Nupas-Cadmatic is a comprehensive solution for integrated basic, detail and production design of a truly wide range of vessels. The software is suitable for relatively modest projects all the way up to the largest and most complex vessels in the world.

### Error-free Quality Designs for Smoother Production

Nupas-Cadmatic comes with an extended set of smart functions that take away many of the designer's daily worries and routine tasks that tend to cause errors. Error-free production documentation as well as automated manufacturing information save both time and money.

### User Friendliness and Automation of Routine Tasks

Ease-of-use has always been a core feature of Nupas-Cadmatic 3D software. The software has a logical system structure and the modules can be navigated easily and in a familiar way. Routine and time consuming engineering tasks have been automated to speed up the design process and to allow engineers to focus on design quality.

### Shortest Learning and Implementation Period on the Market

Nothing is more frustrating as well as time and resource consuming than a system that you cannot use or find difficult to master. Nupas-Cadmatic software is easy to learn and has the shortest learning time for comparable systems on the market due to its intuitive menu and smart viewing techniques.

## Basic Design

Nupas-Cadmatic creates a quick basis for early structural and outfitting design

## Production Information & Documentation

Increases the level of prefabrication and preoutfitting, simplifies installation and assembly

## Structural Design

Speeds up your structural detail and production design

## Worldwide Engineering

Global collaboration in design and review work

## Piping & Outfitting Design

Reduce costs at the heart of the vessel

## Model Sharing & Data Publishing

A 3D model is worth a thousand words

"Nupas-Cadmatic is perfect for our work and it is easy to use. In the shipbuilding industry Nupas-Cadmatic is an important productivity tool for design and production as we can visualize the ship and all sections in advance. Nowadays we can develop the ship design in two or three countries at the same time with Nupas-Cadmatic's distributed design function. Modelling with Nupas-Cadmatic is fast and easy."

Design Manager,  
Shipyards, Brazil



### Flexible, Open and Customizable

The software has been divided into several modules, which makes it easier to master and customize. Nupas-Cadmatic software is open and can be integrated with maintenance, ERP and other design packages. It runs on standard PC's and networks so no special hardware investments are required.

### Globally Distributed Design Made Easy

Nupas-Cadmatic has an extremely efficient database-centric client server system that stores 3D models and documents in databases hosted by a database server. Distributing design work globally or adding new design teams to a project is accomplished with ease.

### Model Sharing and Data Publishing

The eBrowser application is the first internet based 3D ship model browser. It is a smart tool that effortlessly shares 3D project information between designers, project management, ship owners and sub-contractors.

### Excellent Customer Support

All our support team members have design backgrounds with solid knowledge of project design work and are able to handle all possible helpdesk requests related to the use of the software and other support or training needs. We are always only a phone call or email away.

### Proven Product

Nupas-Cadmatic is a proven product and reliable solution for newbuilding and conversion projects of all sizes. A large number of shipyards and consulting offices worldwide use Nupas-Cadmatic and the list of satisfied customers is growing fast.

"Thanks to Nupas-Cadmatic we have removed a great number of mistakes from the previous design which was done in 2D. We have achieved this result by using designers with little experience."

Director  
Machinery & Piping Design Department,  
Shipyards, Korea

"Our experience of using Nupas-Cadmatic for the entire ship design has been very good. By using Nupas-Cadmatic 3D software the efficiency of our hull structure design has been much improved. Automatic interference control and visualization resulted in improved and error-free production quality."

General Manager,  
Ship Design Company, China



# NUPAS

## Software

# CAD MAT I C

## Nupas-Cadmatic is the Smart Choice!

### Selected Key Benefits

- One Solution for Efficient and Integrated Basic, Detail and Production Design
- Error-free Quality Designs for Smoother Production
- User Friendliness and Automation of Routine Tasks
- Shortest Learning and Implementation Period on the Market
- Flexible, Open and Customizable
- Globally Distributed Design Made Easy
- Model Sharing and Data Publishing
- Excellent Customer Support
- Proven Product



Worldwide Network of Nupas-Cadmatic Sales & Support Centers

## NUPAS-CADMAT I C HEADQUARTERS



### Numeriek Centrum Groningen

Numeriek Centrum Groningen (NCG) is the development and support center for Nupas-Cadmatic Hull modules. It is also a knowledge and support center for hull and structural design, engineering and production. It is located in Groningen, the Netherlands. NCG is part Central Industry Group, a major supplier of industrial goods and services to the international maritime industry. The company was founded in 1977 and employees over 1000 specialists.

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### Cadmatic

Cadmatic is the development and support center for Nupas-Cadmatic Piping and Outfitting modules and Cadmatic 3D Plant Design Software. It is also the knowledge and support center for marine piping and outfitting and process plant design. Cadmatic is part of Elomatic, a leading software, consulting and engineering supplier for international shipbuilding, process plant and mechanical industries. The company was founded in 1970 and employee over 700 specialists.

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