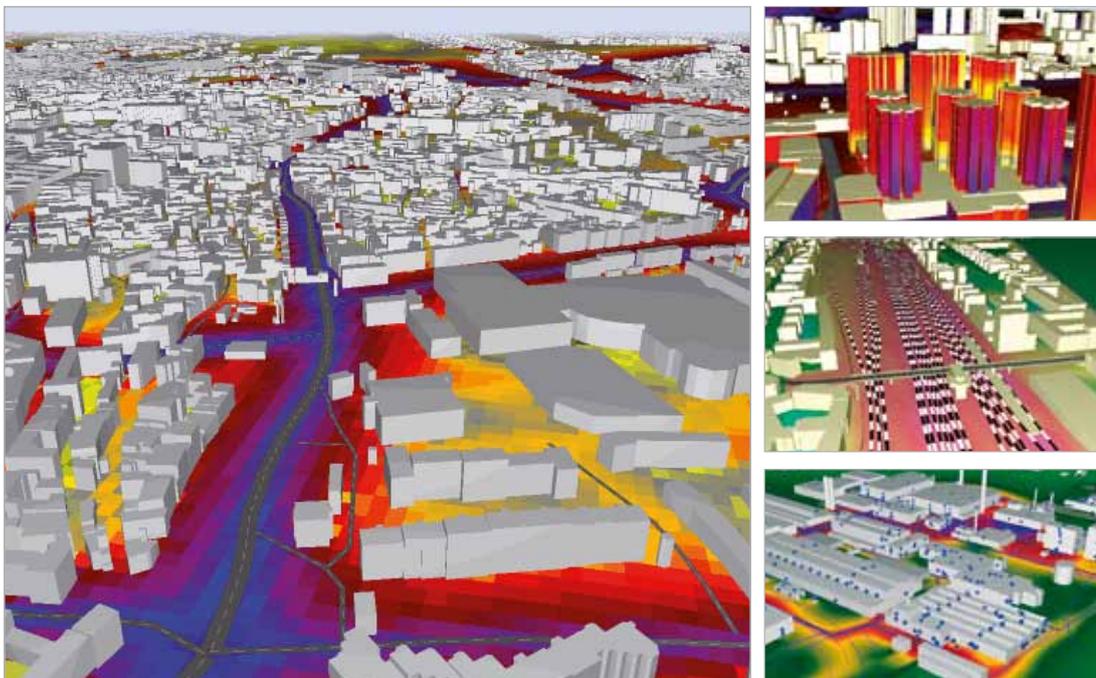# DYNAMIC 3D

Powerful Dynamic 3D Visualization

CadnaA offers extremely powerful and extensive features for 3D visualization. With just one mouse click any graphic view of your project can be generated. Dynamic 3D allows you to drive through or even fly over your project model in realtime, whether a city or a large industrial plant. You can move freely within the model or follow a predefined route at a selected speed. During which you can use the mouse to rotate your view. You can stop at anytime, look around and - by using mouse and arrow keys - continue moving in any direction. A video in AVI format can be created of every tour through the project model.

A real highlight of Dynamic 3D is the possibility of editing objects directly in the 3D view. Stop your tour through the model, click on a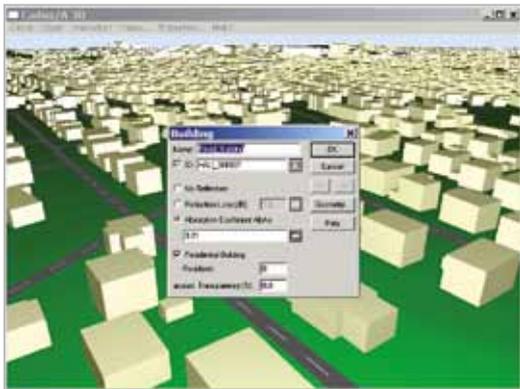n object, check the data and edit the data by using the edit dialog as desired. The result can be viewed immediately on your screen and the visible consequences of a proposed improvement are visualized.

For more information about the leading noise prediction software Cadna A please visit www.datakustik.com

⊹ Features

- Detailed 3D presentation of your project showing all relevant objects
- Editing of objects in realtime directly in the 3D view
- Free movement through the model or along predefined routes
- Smooth motion even for large scenarios
- Integration of the mouse for controlling the view and direction of movement
- Improved use of color in the noise map which is projected on the ground
- Display of a grid legend
- Production of videos in AVI format for presentation purposes

Editing of objects in realtime, directly in the 3D view, allows easy control and alteration of the model. Due to the power of Dynamic 3D this is even possible within large projects. There is no comparable software currently available with such excellent 3D visualization.

About Cadna A

CadnaA (Computer Aided Noise Abatement) is the software for the calculation and presentation, assessment and prediction of noise exposure and air pollutant impact. Whether your objective is to study the noise immission of an industrial plant, of a mall including a parking lot, of a new road or railway scheme, or even of entire towns and urbanized areas: CadnaA is designed to handle all these tasks.

CadnaA offers many powerful but easy to use features for a convenient handling of all of your projects. Besides Dynamic 3D for powerful 3D visualization, CadnaA also includes:

- DYNMAP: Update any noise map, calculated with CadnaA, based on measurement results in freely definable time intervals for representation of the present noise impact via a dynamic noise map.

- RUNTIME: Configure CadnaA as a runtime calculation program, perfectly integrated in your GIS system, with automatic import of shape and database files, automatic calculation and automatic export of the resultant data.
- PCSP (Program Controlled Segmented Processing): Parallel processing and distributed calculation in order to reduce calculation time. PCSP with user-defined partitioning allows automatic loading of segments, one by one, for calculation.
- Plot-Designer: Design highly flexible and user-friendly print-outs by arranging 3D views, grid maps or any other details of your project as desired.

We look forward to being in touch with you. For further information or any questions please do not hesitate to contact us or one of our distribution partners.

Demo version available free of charge! Visit www.datakustik.com

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