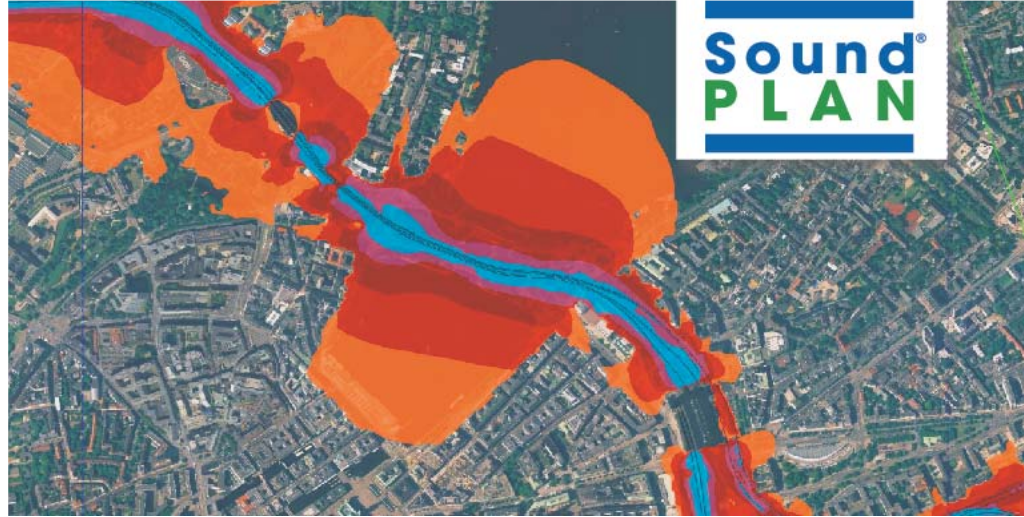


# SoundPLAN®

## AND THE WORLD'S LARGEST NOISE MAP

SoundPLAN®



Haven't you heard? They used SoundPLAN!

## SoundPLAN Version 7.0

### Incredibly Fast

With the new dynamic search method, possibly the fastest noise control software on the market!

### Incredibly Accurate

Mesh maps, hot spots, dynamic search and extensive testing for utmost accuracy according to the 50+ standards.

### Incredibly Useful

Stunning graphics logical for everyone, Spreadsheet for multiple results, Documentation with advanced formatting, User definable templates and much, much more.

### Incredibly Popular

Nearly 5000 users in 50+ countries, Used by governments, consultants and researchers, Available in European, Asian and soon Arabic languages

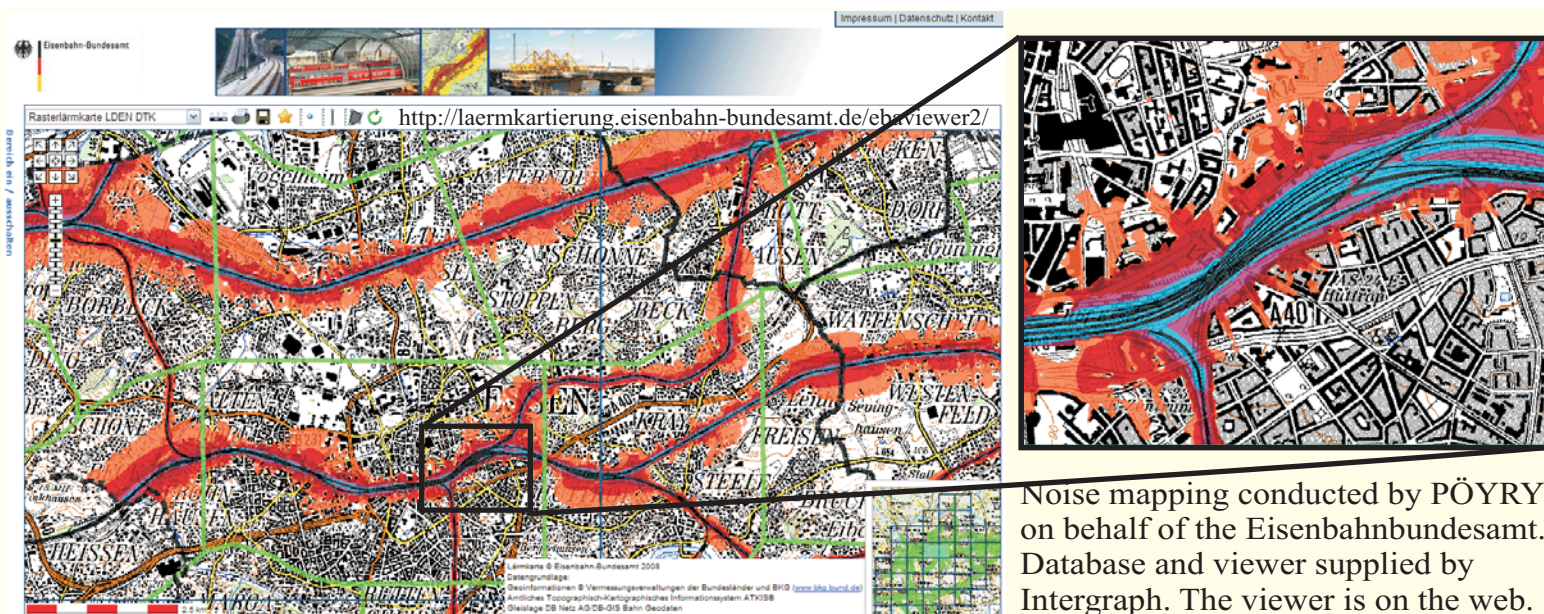
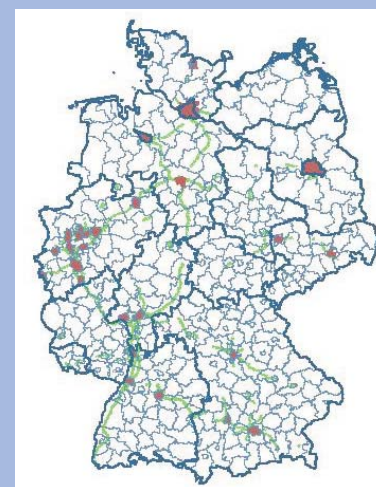
**SIMPLY INCREDIBLE SOFTWARE!**



# Mapping the railways of Germany

SoundPLAN was successfully used for the world's largest noise map, the comprehensive noise mapping of the railways of Germany. Germany has the 6th most railway in the world, preceded by the EU, USA, Russia, China and India. 12,000 kilometers of railway were mapped, including 11 GB of terrain information, 8 million buildings and 36 million receiver points. All of this was calculated on 4 personal computers in less than 30 days run time using 32-bit WindowsXP. The new Dynamic Search method was used. This method makes it possible to

calculate huge, complex noise maps and to simulate details previously not possible in noise control software. It was adapted for all other noise source types. SoundPLAN is now multiple times faster with even greater accuracy. It is practical to map any size project regardless of terrain or structural complexity, with any number of noise types (road, rail, aircraft, industry...) and any number of sources, in a timely, efficient manner as SoundPLAN demonstrated with its noise mapping of the German railway system.



Noise mapping conducted by PÖRYR on behalf of the Eisenbahnbundesamt. Database and viewer supplied by Intergraph. The viewer is on the web.

## Why pay more for less? Following are features unique to SoundPLAN:

Cartography; Expert System for Industrial Noise; Animated Noise Maps; Noise transmission inside to outside; Wall Design and Expert System cost/effectiveness calculations; Situations and Geo-Files to organize a project; Calculations hosted in built in Spreadsheet for multiple results, with all setting saved and given to the result files for a run documen-

tation; Extensive documentation features where results contain all evidence how they were created, what data went into them, etc.; User defined templates in Graphics, Spreadsheet and Documentation; Meshed Noise Map to calculate city noise projects with better quality and the ability to produce maps frequency by frequency from the same calculation; Industrial

noise with 3rd octaves, octaves and mean frequency; Histograms for time variant sources; Full spherical directivity for industrial sources and frequency by frequency; Contour lines with Bezier algorithms; Calculate and keep multiple Grid Noise Maps or Facade Noise Maps or Cross-section Maps in the same project and display them at will in the graphics and more...

## For further information please contact:

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