



**Client**      **Hamburger Hochbahn AG (Elevated Railway)**  
**Hamburg, Germany**



**Branch**      Transportation

**Project**      Ergonomically designed workstations controlling multiple screens.

**Client**      Hamburger Hochbahn AG is the largest integrated public transport system provider in Hamburg and the second largest in Germany. One million people are transported on buses, train and subways each day in a comfortable, safe and environmentally friendly atmosphere.

Hamburger Hochbahn AG has made great efforts in recent years to increase the attractiveness and economic efficiency of the public transport service. Their ambition is to enhance functionality and operating costs with modest investments while continuing to provide their passengers with punctual, uninterrupted and friendly services.

**Challenge**      In January 2008, the Hamburg Hochbahn AG opened one of the most modern operations control centers in Europe. WEY helped to plan and deliver the new operations control center for the Subway and the Elevated Railway.

**Solution**      **Only one keyboard**  
 Each controller access several PCs and large screen monitors with just one keyboard.

**Remote PCs for an improved climatic control center environment.**  
 The PCs were relocated to a system room to reduce heat and noise radiation in the control center. WEY WS-Remote solutions were used to transmit the signals between the system and control rooms over structured cabling. The WS-Remote automatically adjusts the video picture to compensate for any effects of cable transmission.



**Simultaneous visual real-time information from several PCs**

The WEY 8x8 Mini Allocation System was used to drive the display matrix.

**Safety**

To ensure 24x7 operations, all components were equipped with redundant and monitored power supplies.

**ATM Voicenet and train radio**

In addition to the standard worldwide solutions, WEY developed the Remote Extender for the Hamburger Hochbahn AG. The Remote Extender transmits ATM voice and radio traffic to and from the trains.

**Expansion is possible anytime**

The modularity of the system structure enables easy and cost effective expansions in the future.

**Why WEY?**

WEY systems are designed to provide exceptionally high quality video, audio and data solutions. Users access multiple operating platforms from any work station at the same time.