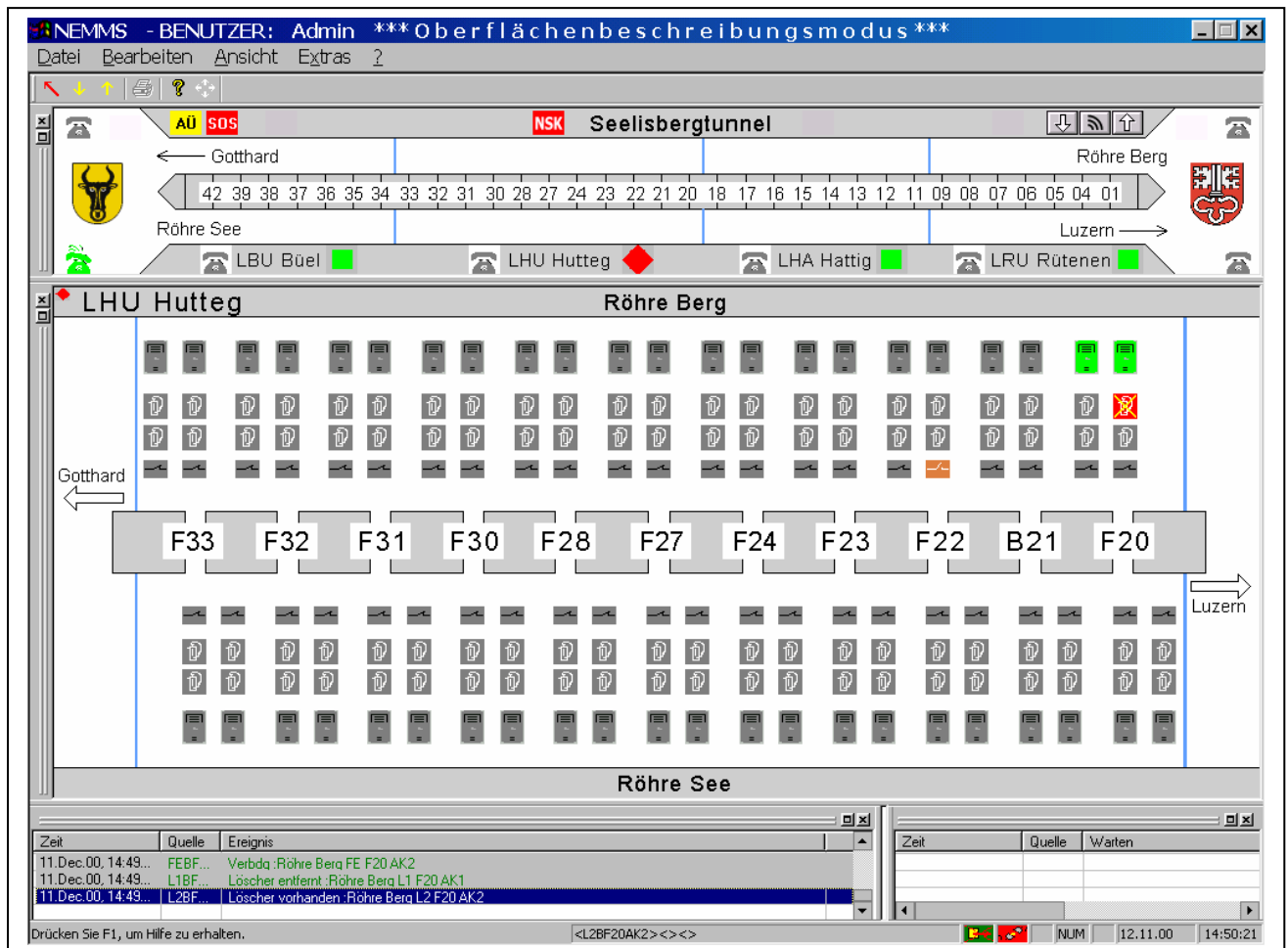


NEMMS- the „ ms Neumann Management System“

NEMMS is a computer-aided management system for which the configuration of the user-interface is variable. It works in a direct combination with the MDK-system. The operational areas of a customer can be graphically illustrated and accessed in separate sub-areas. The actions are executed by imbedded buttons in the respective graphic, and the handling is mouse-driven. Messages are also displayed according to the area of operation. For example there is a graphical transmission of the status of the sensors. So every demand of the customers concerning the ergonomics of the user-interface can be satisfied.

One example for the innovative interface design shows the applications in Switzerland for emergency systems in tunnels. So far the following projects were realised: Gotthard, Seelisberg and the federal road N5. For these projects emergency communication is most important. The management-system NEMMS allows a direct control and query via the PC-monitor, according to status messages of the sensors in the emergency facilities. The acoustic communication with the emergency facilities can be established immediately on demand. This is accomplished by graphical symbols which correspond to the emergency facilities. A mouse-click establishes immediately the necessary emergency call connection. Also the use of the fire extinguishers in the alarm boxes is displayed graphically. So the supervising person can see if the fire extinguishers are taken from their mountings in a case of emergency or for maintenance tasks.



The illustration shows a schematic diagram of the Seelisberg tunnel with emergency phone facilities and fire extinguishers for a subarea.

Features

- Monitor-Communication Terminal for location based operation
- Variable desktop screen
- Graphical and location based switch buttons
- Location based messages
- Separation into customized operator screens
- Direct connection to the MDK
- Operation with serial pointing device
- Intercom, PA and telephone (emergency call) applications
- PC with Soundcard for communication
- Communication with enhanced voice quality
- Embedding of functional bitmaps into keys of the operation panel
- Integration of PA, intercom and telephone functions
- Free selection of telephone accessories
 - Handset with cradle
 - Headset
 - System telephone with optional Headset

