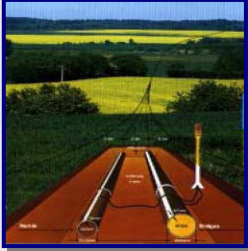


## The SICOMP Emulator M2000 in Safety-Critical Areas

### Rhein-Main Rohrleitungstransportgesellschaft mbH (RMR)



The 525km Rhine-Main pipeline built by the RMR pipeline transport company connects the Rotterdam seaport and refinery centre with refineries, petrochemical plants and large tank farms located in the German regions of industrial concentration, such as Cologne, Frankfurt and Ludwigshafen.

- SICOMP computers monitor pipeline and pumping stations and control the operation of pumps.
- Since 1996, fourteen such SICOMP systems have been emulated on standard Windows hardware using the Emulator developed by IPKS. More systems will follow.
- The emulation enables all SICOMP software applications of RMR -which are characterized by high engineering and development investments and stringent security and certification requirements- to run unmodified on modern off-the-shelf computer hardware. Every emulated system has been approved by TÜV, the German Technical Inspection Agency.

### DFS Deutsche Flugsicherung GmbH (German Air Traffic Control)



The sky above Germany is heavy with air traffic. Every single day, more than 8000 planes make use of Germany's air routes and airports. Supervision of this dense air traffic puts highest demands on staff and technology.

- The air traffic control systems are monitored by Siemens SICOMP computers.
- In the period from 1998 to 2000, 28 SICOMP systems have been moved to off-the-shelf Windows hardware using the Emulator offered by IPKS.
- Every emulated system has been approved by the German Academy of Air Traffic Control.

### DSB Danish States Railway



Every year, the independent public corporation DSB transports 156 million passengers, thus handling 95% of the nation's railway line passenger traffic.

- Siemens SICOMP computers are used for train tracking and traffic monitoring.
- Since 1998, 20 SICOMP computers have been moved to standard Windows computer hardware using our Emulator. More systems will follow.

### Schering Corporation



The Schering group develops highly specialized pharmaceutical and biotech products. Intensive research and development form the basis for the company's international success.

- Siemens SICOMP computers control and monitor breeding plants for bacteriological cultures.
- In the years 1999 and 2000, five SICOMP systems have been moved to standard Windows hardware using our Emulator.

### OMV



As a leading petroleum and natural gas company in Central and Eastern Europe, OMV is a global player in the fields of oil and gas exploration, production and distribution.

- Siemens SICOMP computers control and monitor the shipping of crude oil in refineries.
- From 1997 to 1999, nine SICOMP systems have been moved to standard Windows computer hardware using the Emulator developed by IPKS.