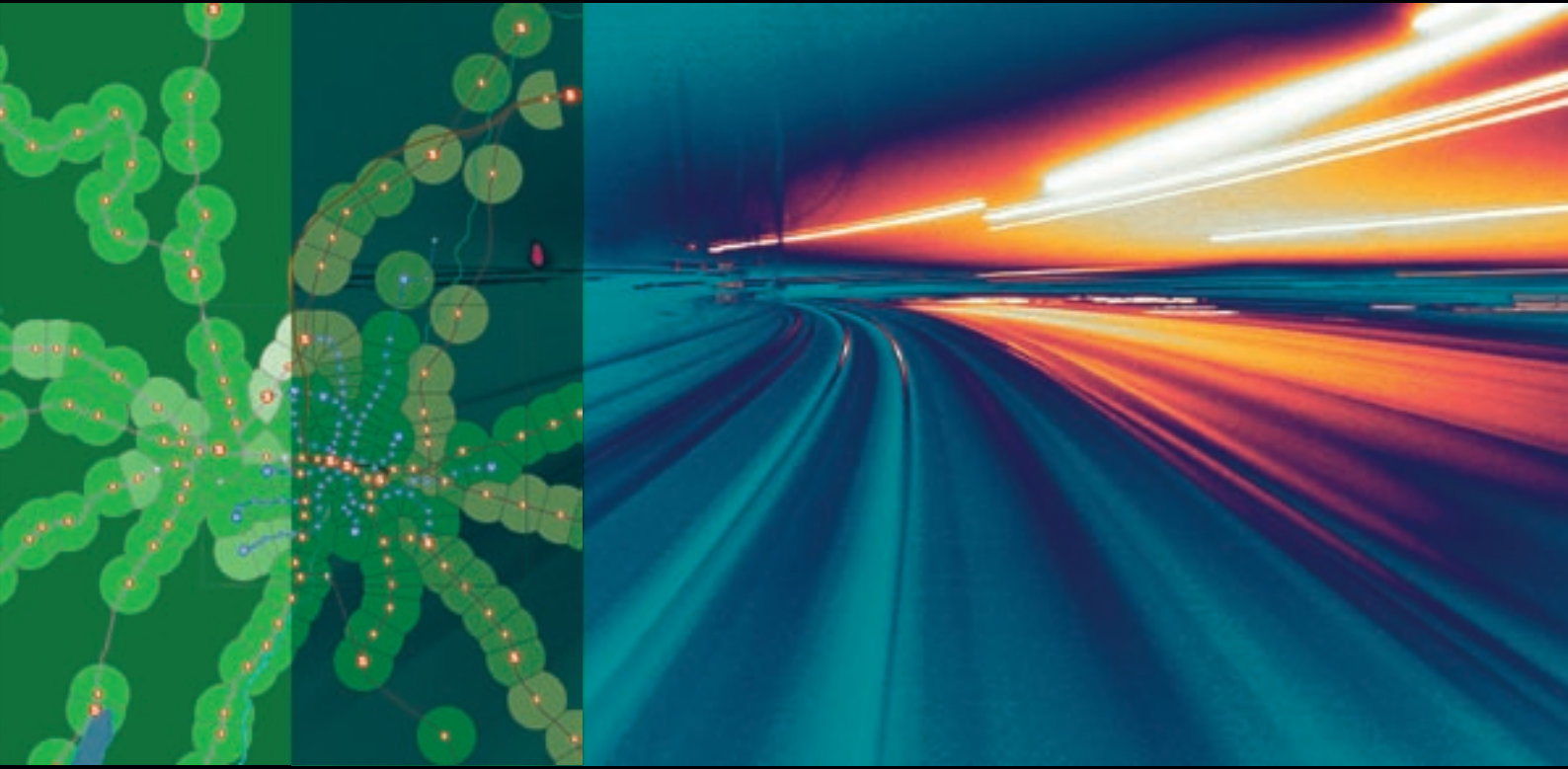
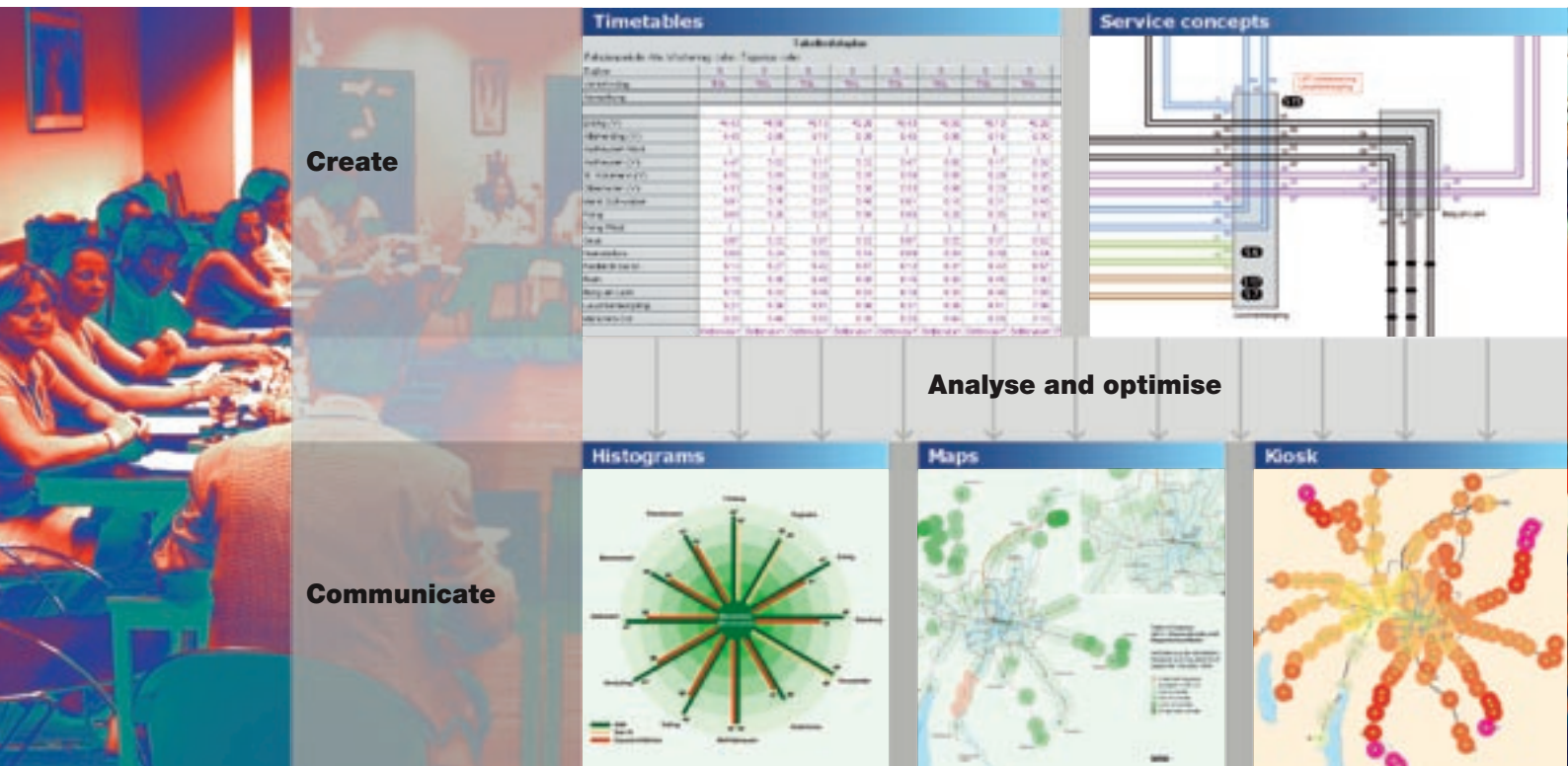


**Communicating Timetables  
Effectively**





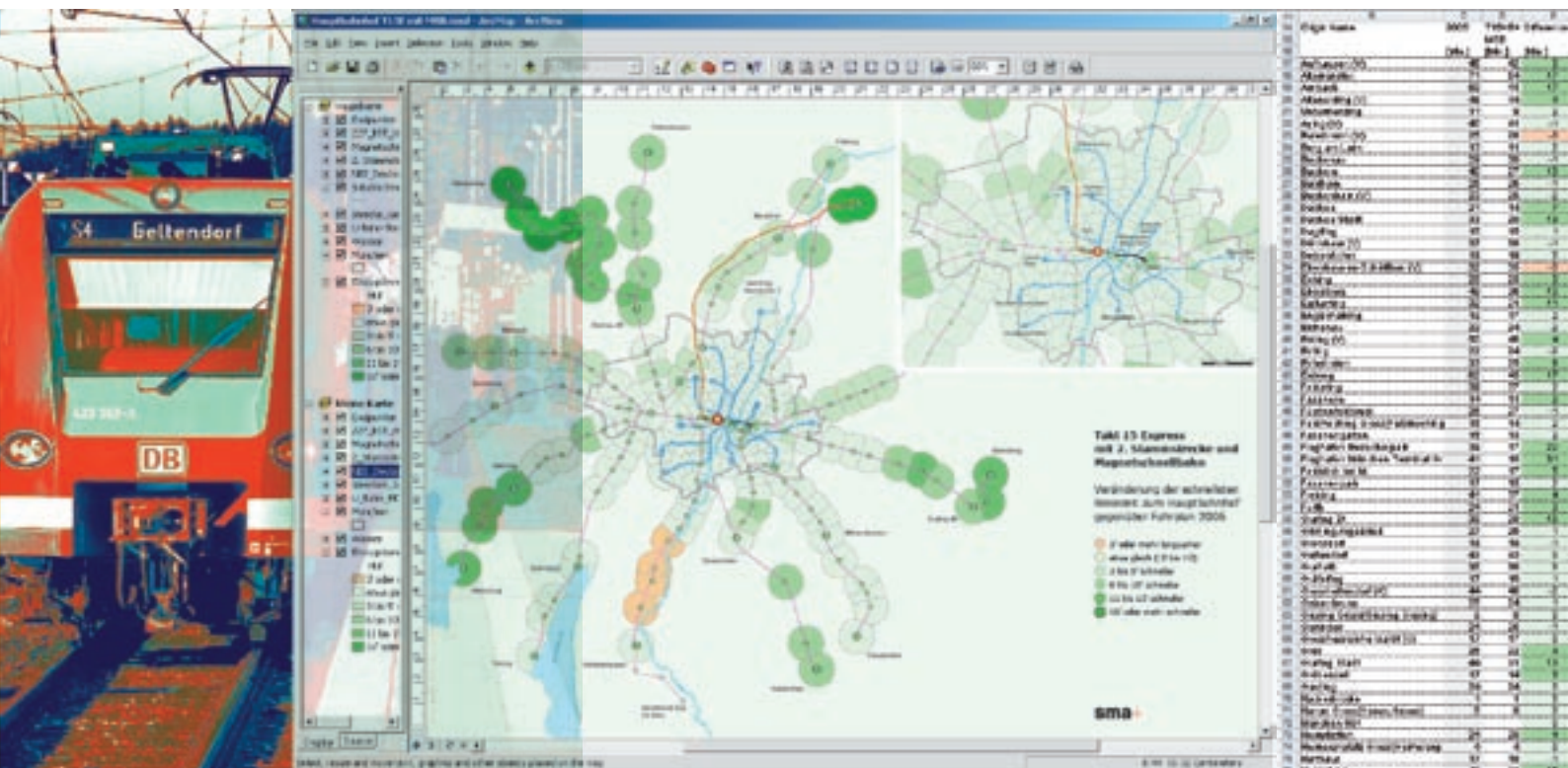
- Do you know the impacts of your new timetable?
- Is your timetable development process based on analytical analysis?
- Can you effectively communicate the advantages of your new timetable to the public?
- Do your customers understand your new timetable?

These are only a few of the important questions faced by transport managers and decision-makers today. Timetables are no longer simply technical documents, but rather fundamental elements in transport marketing and public relations. Effectively communicating timetables is critical to the success of many transport projects.

Viriato is a versatile state of the art timetable planning and development tool, but it can also be used to effectively communicate the benefits of new timetables to managers, decision-makers and the public.

The new Viriato interactive timetable kiosk enables everyone – from technicians to the public – to understand the benefits of new timetables and supplements Viriato’s already extensive palette of communications tools such as tables and GIS representations.

- Timetable Development** Viriato is a versatile tool to elaborate a timetable at all stages of the development process from conceptual to operational.
- Timetable Optimization** Viriato enables planners to quantitatively analyze alternative timetables efficiently and effectively by calculating parameters such as: travel times, transfers, number of connections, vehicles needed and vehicle-kilometres for alternative timetables.
- Timetable Communication** Viriato enables planners to effectively communicate timetables through GIS-based maps, tables and using the Viriato Interactive Timetable Kiosk system at information points and exhibition booths.



Munich's S-Bahn is one of the most extensive and heavily used in Europe. The S-Bahn's central tunnel section between Laim and Ostbahnhof operates at capacity with 30 trains per hour and direction. As passenger demand increases on such a heavily used system, punctuality and service will no longer meet acceptable quality standards.

The Bavarian State Ministry of Economic Affairs, Infrastructure, Transport and Technology is planning two large infrastructure investments to improve Munich's S-Bahn service:

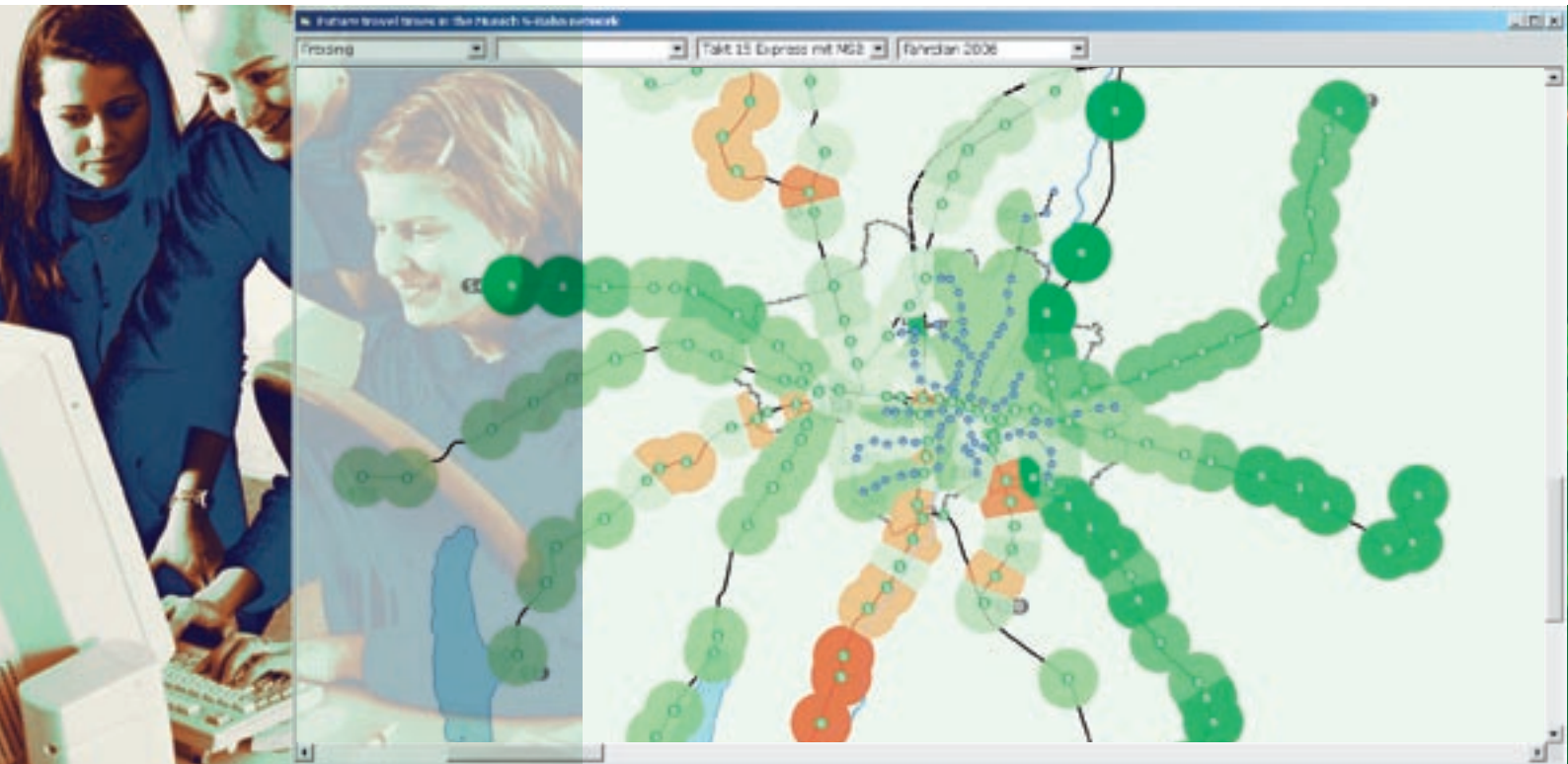
- a second tunnel under the city, parallel to the existing tunnel
- a maglev system from Munich's main station to the airport.

The Ministry places a high emphasis on using a transparent communication process for these types of large projects. SMA und Partner AG used Viriato to help meet this objective in planning for the S-Bahn improvement program. Specifically Viriato was used to:

- Develop new line network and new timetable
- Analyze and illustrate travel time changes by alternative for authorities and interested organisations
- Prepare Viriato Interactive Timetable Kiosk system for queries by the public.

The Viriato Interactive Timetable Kiosk system will be installed at information points in the Munich main station and the airport.

<b>Activity of SMA und Partner AG</b>	<b>Development of service and timetable concepts, comparison of current and future travel times, preparation of data and licences of the Viriato Interactive Timetable Kiosk system</b>
<b>Client</b>	<b>The Bavarian State Ministry of Economic Affairs, Infrastructure, Transport and Technology Bavarian Railway Company (BEG)</b>
<b>Period</b>	<b>2000–2006</b>
<b>S-Bahn Project Realisation</b>	<b>2012</b>
<b>S-Bahn Project Cost</b>	<b>approx. 1.5 billion EUR</b>



- Do you know the impacts of your new timetable?
- Is your timetable development process based on analytical analysis?
- Can you effectively communicate the advantages of your new timetable to the public?
- Do your customers understand your new timetable?

The better political decision-makers and potential customers understand your planning, the more likely your projects will be supported and implemented.

Viriato's interactive timetable kiosk can help you successfully communicate your plans to managers, decision-makers and the public. To find out more, contact us today!

Viriato, the Timetable Tool.