

PatServer

Remote controlled information system for departures/arrivals



The new, combined bus- and boat terminal in Molde was opened in 2002. PatLink is used for showing departures and arrivals on 19" TFT LCD-monitors in three different places at the terminal.



In October 2001, Vestfold Kollektivtrafikk placed Norway's largest outdoor LED-display for bus-departures at the Tønsberg Bus station.

PatServer is an administration- and control system for departure- and arrival information on public transport terminals. The system can use data retrieved from the most common systems for public transport timetable planning. It can present departures and other information on various types of displays

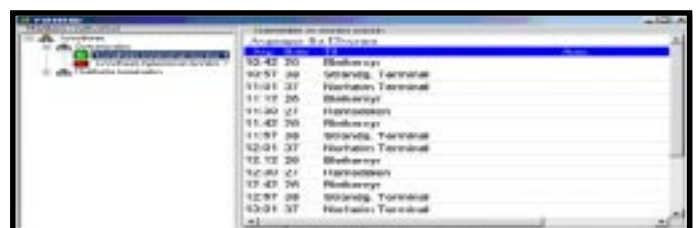
- 28" CRT- VGA-monitors
- Different kinds of LCD - displays
- LED-displays
- Via Internet

PatServer is based on our experience from earlier developments; PatLink and PatView. These systems are installed at more than 50 public transport terminals i Norway. Unfortunately, one had to choose between time-consuming decentralized solutions or very expensive centralized solutions.

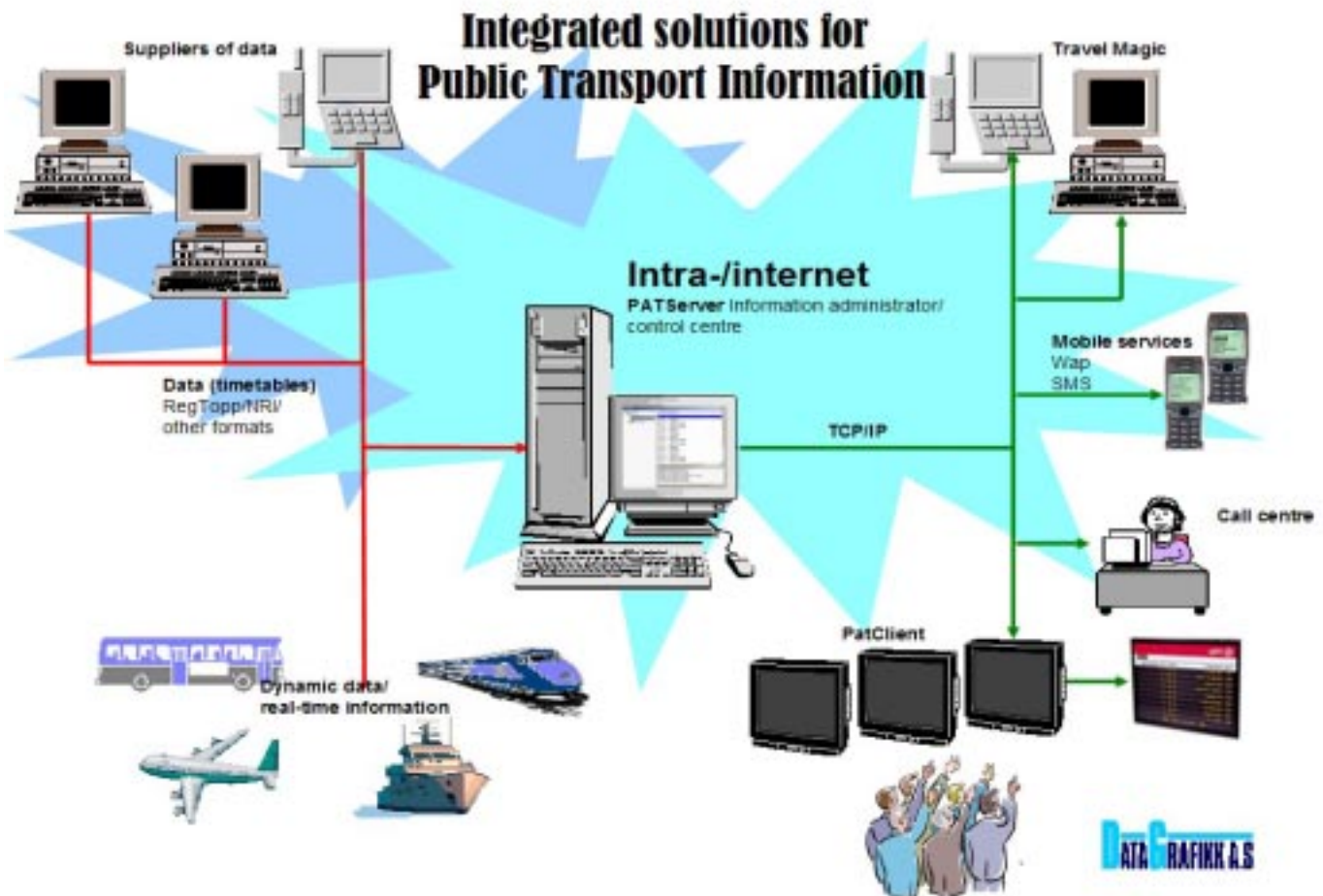
Internet, new forms of communications and new technology now enables a distribution of information very rational and cost-effective. With the PatServer-solution it is possible to run the information system for all the terminals in a large region from one central server. The information is placed on the server, and is then automatically distributed to all the terminals connected.

In Norway, the regions Hedmark, Møre and Romsdal, Vestfold and Nordland has chosen the PatServer system for their public transport terminals. Hedmark was the first region to install the system, and is still the largest installation, with 16 combined bus- and train stations connected to the central server. The 16 terminals connect to the server through GPRS (mobile-communication), and thoroughly developed protocols compress the data to keep the costs of communication low. The terminals provide the server with status-information that keeps the personnel informed of possible communication-errors or other problems regarding the system.

PatServer uses the same data as TravelMagic, which means you can have a very rational running of both systems from the same server.



PatServer control-centre gives you a general view of the terminals and monitors connected.



An overview of the PatServer-system. Data on the RegTopp-format, ERN-format and other transport-formats are imported to the central administration/control server. Data are then distributed to the displays via different kinds of communication.



The new LED-display at Moa Bus station in Ålesund is connected to PATServer information system.

Additional modules

1. SMS or WAP for reporting changes or delays.
2. Departure-information on SMS or WAP.

Realtime information

PatServer is well prepared for handling and distribute information about delays and other changes that are reported to the system through SMS, WAP or other channels.

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