



A team focusing its targets
mdv Munich Company Outing 2003

Dear Reader,

with **mdv news**, we inform you again about the latest issues at **mdv**. We report of course about the last User Group and a number of new projects. The way to Winchester Cathedral, some of you might remember this name from a famous song, can be computed with IJP in a short time. The project "free tickets for pupils and trainees" in the Styria and Vorarlberg, on which we have reported in the last edition, have to pass the acid test before beginning of term, 130.000 pupils and trainees need passes that are to be calculated with IJP. Also in the DIVA-world,



many exiting things happen. The personnel deployment was extended, so that in the future, contracted travel services and regular scheduled services can be deployed together. With this new feature, we would like to serve also smaller and medium-size companies and give them the possibility to use DIVA. We thank Mr Brandner, who assisted the development of this new feature.

Have fun reading this newsletter !

Dr. Hans-Joachim Mentz

BERNMOBIL decides to switch from IFES1 to DIVA

We are pleased to announce that in the future BERNMOBIL will be using DIVA for system planning. Thus, the capital city of Switzerland begins planning with DIVA. The contract was awarded in the end of April. With this, DIVA will completely replace IFES1.

The extensive contract consists of the DIVA Basic Services, Timetable and Vehicle Scheduling (including the Graphic Schedule, Gantt Chart, extended printout of graphical schedules, Transfer Spider, and Performance Statistics),

the DIVA Presentation programs (Stop Timetable and creation of pocket timetables), DIVA Duty Schedule (including the data supply to the REDI personnel allocation program by Siemens TTS), and the data supply to the AVLIC Vicos-Lio program by Siemens TTS.

The new DIVA system began operation within a few weeks time, and the timetable change in the end of 2003 will be carried out completely with the new system.

BERNMOBIL

Topics:

mdv news, fourth edition

BERNMOBIL decides to switch from IFES1 to DIVA

DIVA/IJP Users meet at the Transport Authority of Vorarlberg (VVV) in Austria

mdv present at the UITP Congress in Madrid

New functionalities of DIVA Personnel Deployment

mdv wins IJP contract for Traveline SouthEast (UK)

Short News

Events:

Persontrafik 2003
18th - 20th September 2003
Stand B02:49
Gothenburg, Schweden

33. DIVA/IJP User Group
Host: Transport Operator of Freiburg (VAG)
October 29th - 31st 2003
Freiburg, Germany

ITS Intelligent Transport System & Services Exhibition 2003
November 17th - 20th 2003
Stand: 139, Hall 9
Madrid, Spain

34. DIVA/IJP User Group
Nahverkehrsgesellschaft Baden-Württemberg
Spring 2004
Stuttgart, Germany

DIVA/IJP Users meet at the Transport Authority of Vorarlberg (VVV) in Austria

The 32nd DIVA/IJP User Group 2003, this time with the main focus on themes for authorities, met from April 9 - 11 in Feldkirch. The VVV organised the premises of the Pförtnerhaus in the State Conservatory for the meeting in Feldkirch, which gave the conference a pleasant ambiance.

During the IJP part of the meeting, a number of improvements were presented. An important subject was IJP Version 10, called IJP.net. It will enable distributed journey requests over different IJP systems in the Internet.

The users were also very interested in the lectures of other users:



Mr. Werner Zott - VRN

- Mr. Zott informed the User Group about EU-Spirit, which recently became available at the website of VRN (www.vrn.de). With EU-Spirit, journey request to partner in Sweden, Denmark, Austria and Italy are possible.

- Mrs. Seifert-Bartsch reported in detail on the issue of free travel cards for pupils and trainees. All routes and prices are calculated via the IJP system. Further information to this topic can be found

in the **mdv news** issue 3, April 2003.



Mr. Stefan Duelli VVV

- Another interesting lecture concerned the thesis of Mr. Duelli. On behalf of the VVV, Mr Duelli compared the results of the intermodal journey planner with the real routes taken. The results were very positive for the IJP system.

The DIVA part of the meeting was dedicated to geography and map techniques. These themes will remain important issues during the next User Groups.

The 33rd DIVA/IJP User Group, with a main focus on themes for operational users, will be held October 29th - 31st 2003 in Freiburg at the VAG (Transport Operator of Freiburg).



Mr Abderhalden and Mr Glas during the coffee break in the Pförtnerhaus

mdv at the UITP Congress in Madrid



Palacio de Comunicaciones at Plaza de Cibeles

From May 5 - 8, the 16th UITP Congress took place in Madrid. Parallel to the conference, an exhibition in two halls of the Juan Carlos I Exhibition Centre was organised. **mdv** presented to the international guests the journey planner for barrier free travelling and the DIVA products: **DIVA presentation, vehicle and duty scheduling**. Interesting contacts were established.



Discussion at the mdv stand; Jens Krotwaart with our italian partner MAIOR, Dr Angelo Davini und Leopoldo Girardi

Brandner Bus gets DIVA Personnel Deployment with new features for the deployment of scheduled and travel services

BBS Reisen is a private bus company with a rich tradition that offers both regularly scheduled and travel services. This results in special requirements for the personnel deployment. The drivers should be deployed as efficiently as possible; therefore the Personnel Deployment program should be able to combine regularly scheduled services and contracted travel services.



Brandner Bus fleet

For example, it can be useful to divide a duty over several drivers and to allocate the drivers that become free to a contracted duty. The labour time of the changed duties must then be calculated, checked again in respect to the agreed specifications, and sent to the payroll system.

DIVA Personnel Deployment is one of the newest modules in the DIVA program. The basis for the development was the proven system REDI2 from Siemens Transit Telematic Systems (TTS). DIVA Personnel Deployment is the successor of REDI2.

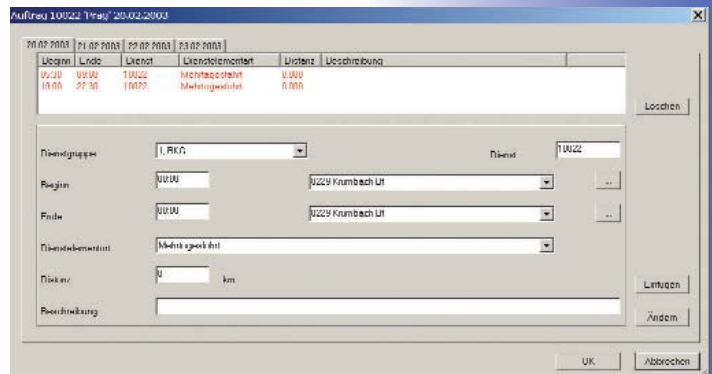
The system was enlarged for Brandner Bus, so that scheduled and contracted travel services can be deployed at the same time.

The Personnel Deployment module from **mdv** consists of standard features such as: the transfer of data from DIVA Duty Schedule and Duty Roster, a flexible execution of the medium and short term deployment. Types of functionalities and labour accounts are free definable. The creation of informational documents for the drivers and the transfer of labour hours to the payroll system are also

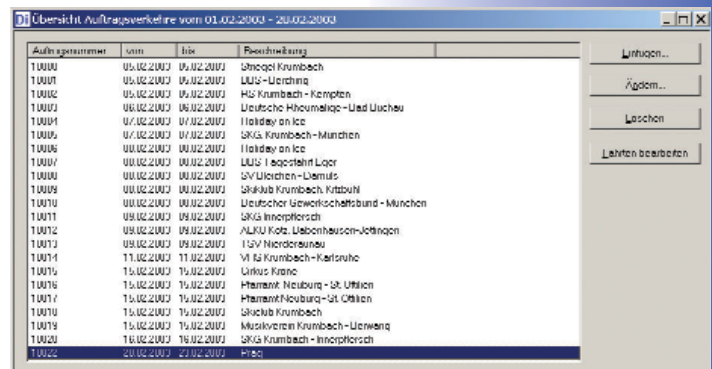


Garage of Brandner

part of the system. The system has been in use at BrandnerBus (BBS) since February 2003 and for a short while contracted travel services are also handled by the system.



Details of contracted travel services



Overview of contracted travel services

The contracted services are entered in the above dialog shown to the right/to the left/above/below. A contracted service can be either a single journey or a bus tour covering several days.

In the screen below of the Personnel Deployment the entered contracted services are displayed along with the scheduled services in the form of duties. The duties can then be allocated to the available drivers. Existing duties can be extended with the contracted services by moving the bars in the graphic. The labour time is then immediately re-calculated and a control light indicates the admissibility of the changed duty.



Graphical Duty Schedule

A daily duty schedule, in which the scheduled services and contracted travel services are listed, is created for the drivers.

Short News

With the completion of the research project MOBINET, IJP 9 changed from trial to permanent operation at the MVV (Transport Authority of Munich). Many features of IJP9 were developed within the scope of MOBINET, therefore this step can also be seen as a success for the project. Important features are the geography-based intermodal journey planner, real time information and the information for mobility impaired (www.mvv-muenchen.de)

The Transport Authority of Styria (www.verbundlinie.at) and the Transport Authority of Stuttgart (www.vvs.de) go online with a new IJP9 layout

The Transport Operator STI in Thun (Switzerland) has ordered DIVA for operational planning

The long standing **mdv** customer MVG (Transport Operator Mark Brandenburg) has ordered DIVA for operational planning

Dr. Christiane Steinhoff



Mr. Thomas Weßeling



and Mr. Joël Ritter-Coulais



increase our support team in Munich, Münster and Strasburg respectively

mdv wins Journey Planner contract for Traveline SouthEast (UK)

The contract to implement a journey planner system for the southeast region of England was awarded to **mdv** at the beginning of May. About 7.7 million people live in this region, which surrounds London. The region comprises the whole southeast of England as far as the Isle of Wight. Important towns in the area include seaside resorts such as Brighton and Southend, Dover on the English Channel coast, the historic University town of Oxford and the New Town of Milton Keynes.

Twenty-two councils are responsible for co-ordinating public transport in the southeast region. The project was awarded under the overall control of Buckinghamshire County Council, as lead authority for the consortium. In addition to National Rail and National Express (long distance coach) services the region's public transport consists primarily of the services offered by the local bus operators with more than 2700 lines.

During the first implementation phase a public Internet-based system and a special system for the call centres in Plymouth and Reading will be created. A journey planner application for mobile devices is a later possibility. The contract comprises both the implementation of the system and the operation of the system for the next five years.

Greater London is situated in the middle of the southeast region, but is a separate administrative area. Because of London's geographical position, a connection with the London travel information system that was implemented by **mdv** last year is important. The new system will integrate the entire London system with that for the South East region, and together will cover an area where almost 20 million people live.

The system should begin operation in autumn 2003. **mdv news** will keep you informed.



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