Customized Training.

Training Brochure
2017

init

The Future of Mobility

Your success through competent training

Dear INIT customer,

INIT has successfully realized numerous projects worldwide. However, even a sophisticated INIT product can only be as good as the user deploying it. That's why we want to provide you with the tools you need to allow you to use the INIT system as efficiently as possible. Our team is ready to provide you with comprehensive support and documentation, as well as training materials. We carry out practical trainings in Karlsruhe or on site at your agency.

Our experience is that valuable knowledge is often lost, e.g. due to staff changes. As far as understanding of the system's functions is considered, it is known that the users tend to pass on what they like to use or what they remember from their own training. Furthermore, from time to time the system is updated and new program modules are installed, which makes further training even more advisable.

To provide you with better support in your daily work, we also offer advanced training. One of the examples is MOBILEstatistics which is now a web-based application with much more flexibility. Another example is

MOBILEsurvey, a tool that measures the existing lines and GPS data, records routes, and after approval, transfers the data automatically to MOBILE-PLAN. Substantial progress has also been made in the areas of vehicle maintenance and driver behavior. MOBILE-ECO^2 recognizes increased cooling water or oil temperatures and reports it before any damage to the vehicle can occur.

In addition to training, our team offers you professional consulting services during your company's operational hours. We would be glad to set up a visit to demonstrate how to get better results in your daily operations through the optimized use of our products.

Our trainers have years of experience with use of our products in public transportation operations. Let them offer you their professional knowledge and expertise. Feel free to contact us to arrange a training session. Of course, we are also at your disposal if you have any questions or requests.

We are looking forward to speaking with you!

PRICES AND SERVICES

We will gladly send you price information upon request. Training documentation is included in the price; however, travel expenses and overnight stays are not.

Services

- Training will be conducted by specially trained technical personnel
- Training documentation tailored to the course
- Refreshments and snack breaks in case of trainings on our premises

Training appointments available upon request: Please be aware that the number of participants is limited.

If more registrations are received, we will offer alternate dates where possible. We reserve the right to reschedule training courses when the minimum number of participants (3) is not reached, or in exceptional cases, to cancel the course.

TABLE OF CONTENTS

MOBILE-PLAN Data Supply (PVPS01)

Training Content

- User administration

- Input of GPS points and additional action points

- Input of signal/reporting points

- Stop and route data maintenance

- Vehicle data maintenance

- Input of passenger information

- Definition of passenger information displays

- Data preparation for vehicles and the control center

Training Goal

This training provides participants with all the necessary knowledge about the Data Management System MOBILE-PLAN, e.g. exchange between vehicle data and the ITCS data.

Training Length
1 day

Prerequisites
Local knowledge of the respective transport company

Participants
This training is intended for employees working with data input and maintnance of ITCS components, e.g. GPS coordinates, LSA signal points and vehicle data

MOBILE-PLAN Basic
Schedule and Duty Planning (PVPS02)

Training Content

- General system setup, general functions from master data tables, master data maintenance

- Versioning concept, timetable, calendar administration, timetable creation based on basic routing, route, travel time (city) or freely editable (regional)

- Line input, setting poster and pocket timetables, route and duty cards, editing footnotes

- Route and duty processing in city, regional or mixed operations

- Parameterization, master data, route and duty parameters, dead-runs, route times, driver replacement points

- Definition of working area, manual or automatic route and duty scheduling, route and duty statistics, driver's duty status

- Application of interfaces

Training Goal

This training provides the participants with all the basic knowledge concerning the schedule and duty planning program, MOBILE-PLAN. It describes timetable creation, line and duty planning, poster and pocket timetables, line and duty cards, and driver's duty status.

Training Length
2 days

Prerequisites
Knowledge of the applicable working time regulations and employment agreements

Participants
This training is intended for employees working with data input and maintenance of ITCS components, e.g. GPS coordinates, LSA signal points and vehicle data.

MOBILE-PLAN Advanced Schedule and Duty Planning (PVPS03)

Training Content

- Answers to questions regarding system application, especially timetable creation, routing and duty scheduling
- Testing of publications
- Duty status validation and interfaces
- In-depth system knowledge

Training Goal

This training provides participants with advanced knowledge about the schedule and duty planning program MOBILE-PLAN in the areas of timetable creation, route and duty planning, testing of publications and driver's duty status.

Training Length
1 day

Prerequisites
Successful completion of the basic course MOBILE-PLAN (PVPS02), knowledge of the applicable working time regulations and employment agreements

Participants
This training is intended for employees working with the creation, input, and maintenance of timetable specific data.

MOBILE-PLAN GIS:
Detours – Data Maintenance

Training Content

- Operation of the GIS
- Administration of the location beacons
- Administration of the reporting point and detours
- Modifying stop and route data
- Administration of passenger information displays
- Routes in the GIS-data
- Planning detours using the GIS
- GIS-data preparation

Training Goal

This training provides participants with knowledge about the GIS display of the data management system MOBILE-PLAN, e.g. administration and modifying map relevant data.

Training Length
1 day

Prerequisites
Local knowledge of the respective transport company

Participants
This training is intended for employees working with data input and maintenance of ITCS components, e.g. GPS coordinates, LSA signal points and vehicle data.

MOBILE-ITCS System Administrator (RS01)

Training Content

- Administration from individual computers

- Creation of backup concepts

- Performing software updates

- Error recognition and correction

- Processes in the ITCS software components

- Parameterization and its effects on the ITCS system

- Emergency reaction: Backup policy using voice radio

Training Goal

This training provides participants with knowledge about the administration of radio systems, workstations and servers. Additionally, participants will learn how to perform system updates, create and use backup concepts.

Training Length
1 day

Prerequisites
Operating system knowledge, basic knowledge of the software in operation

Participants
This training is intended for employees working with hardware and software used in the transport company's computers.

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MOBILE-ITCS Basic Dispatcher Course (RS02)

Training Content

- Explanation of the individual displays

- Execution of computer-aided service restoration (CASR)

- Handling of speech radio communication and coded messages

- Basics and operation of the passenger information system (if available)

Training Goal

This training provides participants with knowledge in the areas of monitoring and computer-aided service restoration (CASR).

Training Length
1 day

Prerequisites
Knowledge of the route network, timetable data, as well as the vehicles in use

Participants
This training is intended for employees working in the control center and/or in the field.

MOBILE-ITCS Advanced Dispatcher Course (RS03)

Training Content

- Evaluation of the individual displays

- Strategic approach to computer-aided service restoration (CASR)

- Development and planning of a rail replacement bus service

- Connection protection and city map display

Training Goal

This training provides participants with advanced knowledge in the areas of monitoring and computer-aided service restoration as well as passenger information (if it is part of your project).

Training Length
1 day

Prerequisites
Successful completion of the basic course MOBILE-ITCS (RS02), knowledge of the valid working time regulations and employment agreements.

Participants
This training is intended for employees working in the control center and/or in the field.

MOBILEcall
Paratransit Operations (RS04)

Training Content

- Explanation of the individual displays and terms used in paratransit traffic operations

- Accepting passenger travel requests

- Customer administration

- Explanation of the data flow and its integration within the system

Training Goal

This training provides participants with knowledge about the operation and creation of paratransit transport. Participants learn also how to administrate user-specific trip requests. To enhance understanding, the participants receive an overview of connected interfaces.

Training Length
1 day

Prerequisites
Knowledge of the route network, timetable data, as well as of the deployed vehicles

Participants
This training is intended for employees working in the control center and/or the ride request center.

MOBILEic (RS05)

Training Content

- System description including the dataflow

- Evaluation of various log files and statistics

- Device and vehicle data provision and removal

- User administration

Training Goal

This training provides comprehensive knowledge of monitoring and data loaded on devices and vehicles. The participants will receive training on the data flow beginning with the timetables and tariff data up to the transfer to the vehicles. Furthermore, participants learn to perform manual and scheduled releases as well as partial releases.

Training Length
1 day

Prerequisites
Basic technical knowledge and understanding of the processes within transportation company

Participants
This training is intended for system and ITCS administrators as well as for technical personnel.

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MOBILEvario Basic Course (BTSW01)

Training Content

- Overview of the data flow in MOBILEvario

- Creating and editing personnel and sales modules

- Handling of cancellations and special tickets

- Handling of non-cash and electronic tickets

- Sales control, account management and sales statistics

Training Goal

The participants will be able to supply ticket vending equipment with the necessary data for selling. Moreover, they will learn how to evaluate incoming sales data.

Training Length
2 days

Prerequisites
Knowledge about the route network and the characteristics of the transport company, knowledge of the tariff system

Participants
This training is intended for employees working as auditors and/or as administrators of ticket sales.

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MOBILEvario Administration (BTSW02)

Training Content

- Overview of the data flow in MOBILEvario

- Creating and editing personnel and sales modules

- Tariff and matrix maintenance

- Handling of cancellations and special tickets

- Handling of non-cash and electronic tickets

Training Goal

The participants will be able to take over administrative tasks, they increase their knowledge in regard to specific requirements.

Training Length
1 day

Prerequisites
Knowledge about the route network and the characteristics of the transport company, knowledge of the tariff system

Participants
This training is intended for employees working as auditors and/or as administrators of ticket sales.

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MOBILEvario Tariff Management (BTSW03)

Training Content

Advanced knowledge of tariff and matrix maintenance

Training Goal

The participants will be able to maintain tariffs and create and maintain the associated tariff matrices.

Training Length
1 day

Prerequisites
Knowledge about the route network and the characteristics of the transport company, knowledge of the tariff system

Participants
This training is intended for employees working as auditors and/or as administrators of ticket sales.

MOBILEstatistics Basic Course (BOS-PP01)

Training Content

- Operation of the data browser

- Examination of the daily log files

- Creation of manual and automatic evaluations

- Influence of changing parameters

Training Goal

This training provides participants with knowledge in the area of statistical data.

Training Length
1 day

Prerequisites
Knowledge of the route network, timetable data, traffic signal systems, as well as of the deployed vehicles

Participants
This training is intended for employees working with the ITCS system, as well as with the schedule and roster planning.

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MOBILEstatistics Advanced Course (BOSPP02)

Training Content

- Customer-specific problem solving
- Solutions to specific questions/problems
- Technical details concerning MOBILEstatistics
- Creation of a line investigation

Training Goal

This training provides participants with advanced knowledge in the area of statistical data.

Training Length
1 day

Prerequisites
Successful completion of the basic course MOBILEstatistics (BOSPP01), knowledge of the route network, timetable data, traffic signal systems as well as of the deployed vehicles

Participants
This training is intended for employees working with the ITCS system as well as with the schedule and roster planning.

MOBILEforms (BOSPP03)

Training Content

- Introduction to MS-Infopath

- Creation of simple form templates

- Installation and administration of form templates

Training Goal

This training provides participants with knowledge of MOBILEforms.

Training Length
1 day

Prerequisites
PC and MS-Office product knowledge.

Participants
This training is intended for employees creating forms.

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MOBILEreports (BOSPP04)

Training Content

- Introduction to Crystal Reports

- Creation of simple reports

- Introduction to the databank interfaces to MOBILEstatistics and MOBILEforms

Training Goal

This training provides participants with knowledge of MOBILEreports.

Training Length
1 day

Prerequisites
PC knowledge, knowledge of MS-Office products and SQL basics

Participants
This training is intended for employees creating reports.

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MOBILEsurvey (BOGIS01)

Training Content

- Introduction to MOBILEsurvey

- Detailed presentation of an operational cycle

- Import of vehicle data

- Presentation of exported and calculated data

Training Goal

This training provides participants with knowledge of MOBILEsurvey.

Training Length
1 day

Prerequisites
Knowledge of the local routes

Participants
This training is intended for employees that are responsible for data supply and improvement.

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Maintenance Course Vehicle Hardware (TDEL01)

Training Content

- Repair: Troubleshooting and problem solving on the module level

- Device testing and preventative maintenance for error prevention

- Explanation of the statistical error evaluation and its possibilities

- Questions and answers based upon customer-specific case examples

Training Goal

This training provides participants with knowledge in the area of professional error analysis and correction regarding the on-board computers, COPILOTpc and EVENDpc, as well as their peripherals.

Training Length
1 day

Prerequisites
Knowledge of the operations in a transport company and troubleshooting in regards to the electronic vehicle equipment

Participants
This training is intended for the employees in the workshop responsible for the electronic vehicle equipment.

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Maintenance Course Vehicle and Wayside Hardware (TDEL02)

Training Content

- Repair: Troubleshooting and problem solving on the module level

- Device testing and preventative maintenance (to reduce failures)

- Questions and answers based upon customer-specific case examples

Training Goal

This training provides participants with knowledge in the area of professional error analysis and correction of passenger information display systems.

Training Length
1 day

Prerequisites
Knowledge of the operations in a transport company and maintenance skills regarding electronic vehicle and stop equipment troubleshooting

Participants
This training is intended for employees in the workshop responsible for the electronic vehicle and stop equipment.

Driver Training Vehicle Logical Unit (TDSW01)

Training Content

- Explanation of vehicle positioning and the influence of the traffic signal priority system

- Route login and duty selection

- Location positioning and handling of detours

- IITCS operations and autonomous operations

- Transmitting and processing accident or assault reports as well as coded messages

Training Goal

This training provides participants with knowledge in the usage of the on-board computers COPILOTpc or EVENDpc.

Training Length
4 hours

Prerequisites
Knowledge about the route network and the characteristics of a transport company including vehicle equipment

Participants
This training is intended for employees and team leaders responsible for the training and qualification of drivers.

Multiplier Training Vehicle Logical Unit (TDSW02)

Training Content

- Deepening of the knowledge gained in the basic course
- Unusal operational conditions
- Rail replacement bus transport and detour management
- Didactic principles for the usage of training materials

Training Goal

This training provides participants with advanced and deeper knowledge of the use of the on-board computer and ticket printer EVENDpc, as well as the didactic fundamentals for the use of training materials.

Training Length
4 hours

Prerequisites
Knowledge about the route network and the characteristics of a transport company including vehicle equipment

Participants
This training is intended for employees responsible for training and qualification of drivers.

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Terms and Conditions

All training courses take place on our premises on the stated days, as long as no other individual arrangements were made and confirmed in writing.

The training courses are either for one or two days. Start time is 9:00 am in both cases and end at 4:00 pm (unless other arrangements are made on site).

The trainings are held in the English language. The number of participants is limited, the minimum number is three (3).

Individual trainings can be arranged upon request. The minimum number of participants for individual courses is four (4). In any case, the fee for an individual training is based on the number of four, even if less participants take part.

In-house training courses on your premises are calculated taking into account additional travel costs and expenses, including costs incurred by providing the technology.

Registration and Participation Fees

Registrations must be made in writing. Participation is confirmed in writing in the order of receipt. The prices stated are per participant plus the statutory valued added tax (VAT). Included in the price are: training documentation, training certificates, refreshments and one light meal per day. Travel and hotel costs are not included.

Training fees are due after training is completed, and no later than 14 days after receipt of invoice.

Date Change / Cancellation

We reserve the right to change or cancel trainings due to an insufficient number of participants. Should the maximum number of registrations for a certain date be exceeded, we offer additional training dates if possible.

Furthermore, we reserve the right to change appointments due to extraordinary circumstances, e.g. illness of the trainer, and/or cancellation from several participants. In such cases, the participant can book another date or cancel the training. Cancellations and changes must be made in writing.

The following cancellation deadlines apply:

- 4 calendar weeks prior to the seminar date free of charge.
- 2 calendar weeks prior to the seminar date is subject to the processing fee of 200 EUR.
- In case of no cancellation, the whole amount is due.
- The participant has the right to send a replacement.

Previous Knowledge

For some of the training courses, previous knowledge is required. For further information please address one of our contact persons.

Confidentiality / Rights of Use / Copyright

All information, including records or documents, is confidential and must not be disclosed to third parties. Any reproduction and use of the records and information is permitted only to the extent necessary for your own use, or for in-house maintenance and repair. All other use is prohibited.

Court of jurisdiction is Karlsruhe.

Directions
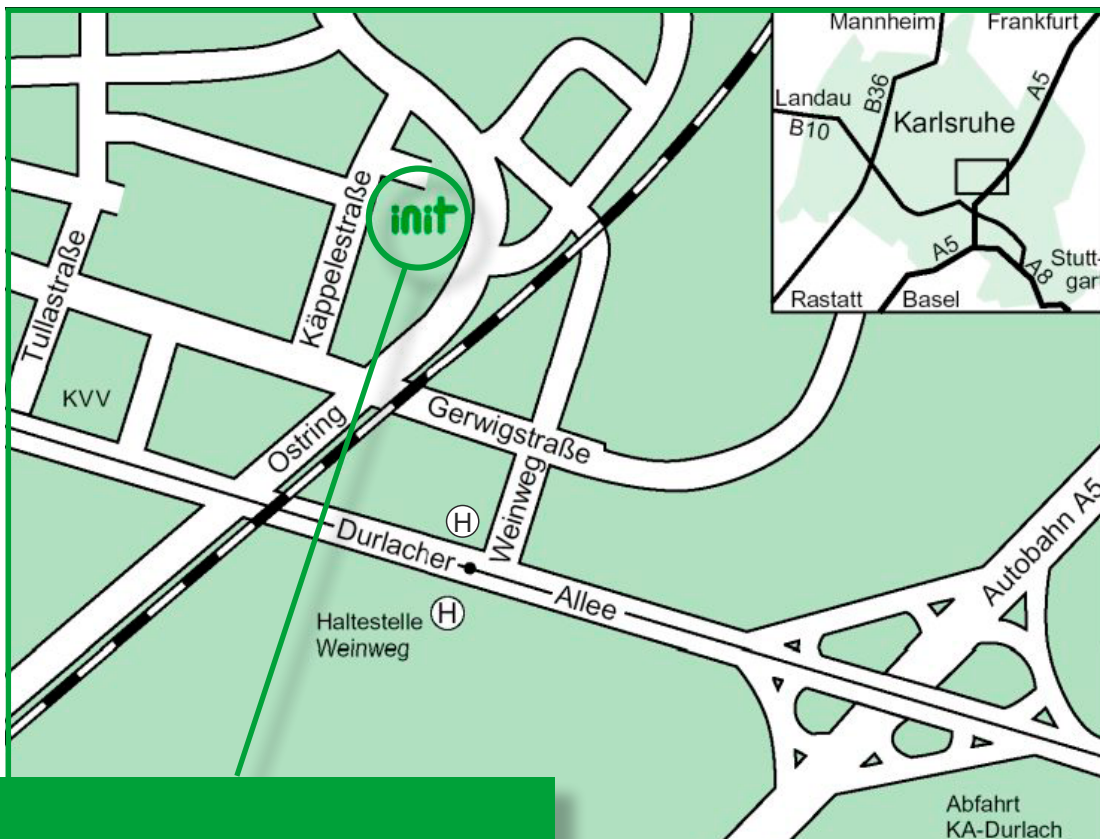
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By car

- Autobahn A5, Exit KA-Durlach, but CAREFUL: **Direction Karlsruhe**
- 1st traffic lights turn right (Weinweg)
- next traffic lights turn left (Gerwigstraße)
- next traffic lights straight ahead
- next street turn right (Käppelestraße)
- after passing the BAUHAUS-Hardware Store take the next street/entry on the right

By public transport

- From the central station with the tram line S4 direction Eppingen / Heilbronn, until the Weinweg stop and then 5 minutes on foot.
- Alternative way: with the tram line 2 direction Wolfartsweier until the Weinweg stop and then 5 minutes on foot.
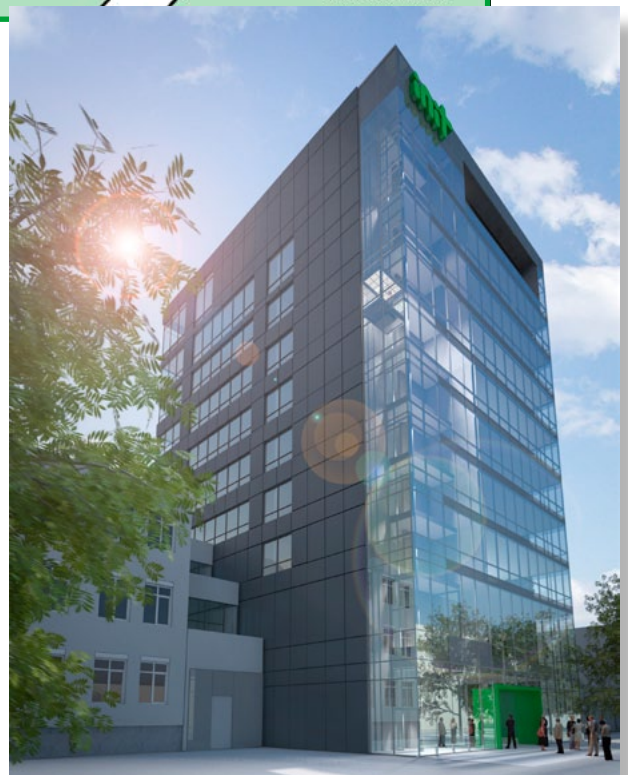
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