PASSENGER INFORMATION DISPLAY SYSTEMS APPLICATION SOFTWARE









SOFTWARE & SOFTWARE SUPPORT

SERVICE STANDARD SOFTWARE: File management (copy, delete, edit,..), Application management (scripts run - stop), Variables R/W, Command execution, Memory monitor;

CONTROL APPLICATION SOFTWARE is normaly programmed by the system integrator. SWARCO FUTURIT provides full support.

- Customised display applications (firmware, display driver, scripts)
- Protocol documentation
- Application command documentation
- DLL libraries

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- gMicra service software
- LCD display simulator

Your local contact:

SWARCO I FIRST IN TRAFFIC SOLUTIONS.

SWARCO FUTURIT is the leading global player in LED-based signalling technology. The company specialises in traffic lights, variable message signs, in-road markers and railway signals that all work with the energy-saving long-life technology of light-emitting diodes (LEDs). Customers in over 60 countries around the world rely on the outstanding quality of SWARCO FUTURIT products, made in Austria to the highest standards and supporting road safety and improved traffic mobility.



SWARCO FUTURIT

Verkehrssignalsysteme GesmbH

PASSENGER INFORMATION DISPLAYS SHOWING UP-TO-DATE INFORMATION

SWARCO FUTURIT, world leader in the development and production of traffic signal heads and LED-based Variable Message Signs (VMS) understands, that being accurately informed, in a timely manner and on the spot is of crucial importance to the passengers travelling on public transport.

SWARCO FUTURIT has developed numerous LED Passenger Information Displays for Airports, Railway Stations, Bus- and Tram-Terminals. The product range includes main station signs as well as platform displays and on-board-screens. The combination of the latest LED technology and communication interfaces by a skilled and experienced international team provides smart and highly versatile displays with excellent viewability. Our displays can easily be incorporated to public vehicle and station management systems. SWARCO FUTURIT's LED Passenger Information Displays are highly flexible. They can display flight, platform, tram and bus numbers with destination and arrival/departure information and real time data. We can also combine a wide range of messages and graphics including voice announcements and vehicle detection.

DESIGNED FOR THE PURPOSE OF INFORMATION

applications.

Generally Outdoor Displays are composed of higher mechanical protection and provide information to passengers with higher luminosity and decreased viewing angle.



SWARCO FUTURIT Verkehrssignalsysteme GesmbH

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SWARCO I First in Traffic Solutions.

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SWARCO FUTURIT LED Passenger Information Displays are designed to meet demanding environmental conditions for outdoor applications as well as for semi-outdoor and indoor

Semi-outdoor and Indoor Displays are composed of lower mechanical protection and provide information with lower luminosity and a wider viewing angle.

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PASSENGER INFORMATION DISPLAYS Long lifetime and high luminosity.

Keybenefits:

- Displays for all types of public transport e.g.:
- bus
- tram
- railwavs
- ferries
- airports

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- Full product range of LED signs for: - main station platforms
- on-board coaches
- Full matrix displays: offer unlimited possibilities of combining animations
- Multiline displays: the economical solution for applications where only text is required
- Design that gives you flexibility for customized installation and integration
- SWARCO FUTURIT displays enable wide viewing angles and great uniformity even at short viewing distances
- The innovative design of the display dramatically extends operation time, reduces service and maintenance, and lowers the total cost of maintenance
- Easy and fast service access to all electronic components



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PASSENGER INFORMATION DISPLAYS TECHNICAL DETAILS

Display



Pixel
Colour of LED diodes

Character height

Linija Flight	Prihod iz Arrival from	Čas Time	Opombe Remarks	
			PREDVIDEN	
			PREDVIDEN EXPECTED	
	SKOR			
JP781	SAROLIEVO			



Viewing angle
Luminosity setting
Audio
Error detection

Options

Service access

Standards

Control

Supported protocols

Application software

Data storage

- Real-time clock
- Communication
- Input voltage

Housina

MULTILINE DISPLAYS The economical solution



Dolgi Most arrived 23 Kranjska Gora 1 min 99 Lesce 3 min 5 Spodnji Brnik 10 min 15 min delay for bus no 15:03:54 6.10.2009

The perfect solution for showing text only. Easy and fast service access.

Enables display of 1 to 32 lines (depending on the type of the display) Enables display of 1 to 256 characters per line (depending on the type of the display) Display of text, numerical and graphic contents (depending on the type of the display) Possible display contents: scrolling text, flashing text, individual variable messages, animations, etc. (depending on the type of the display) Display of the uploaded content without constant connection to the main computer 32 mm, 48mm, 64mm, 80 mm Max: 65.000 pixel amber (other options: red, green, blue) min. 150° Automatic / manual luminosity level regulation Pre-recorded messages or audio announcements possible Error detection for each LED, cable error detection Possible installation of additional sensors Quick and simple service access CE and EMC Control by means of a personal computer; computer software for content editing Linaria, Flash, JP open protocol (dll libraries) Others on request. optional, on the customer's demand 32 MB, extended by a CF-card: max. 8GB displays time and date, 12/24 hour format, keeps track of the current time without electric power USB, Ethernet (LAN, W-LAN), RS-485, RS-232, RS-422, GPRS, UMTS 230 V / AC (optional: 24 V / DC) Material: aluminium Front plate: Antireflective coated Lexan or Tempered glass Operating temperature range: -40°C to +60°C Protection: standard IP55, optional IP65 Protection against environmental influences