

7TH SENSE SOLUTIONS
ADVANCED ELECTRONICS AND SYSTEMS

Passenger
information
systems

URBAN TRANSPORTATION

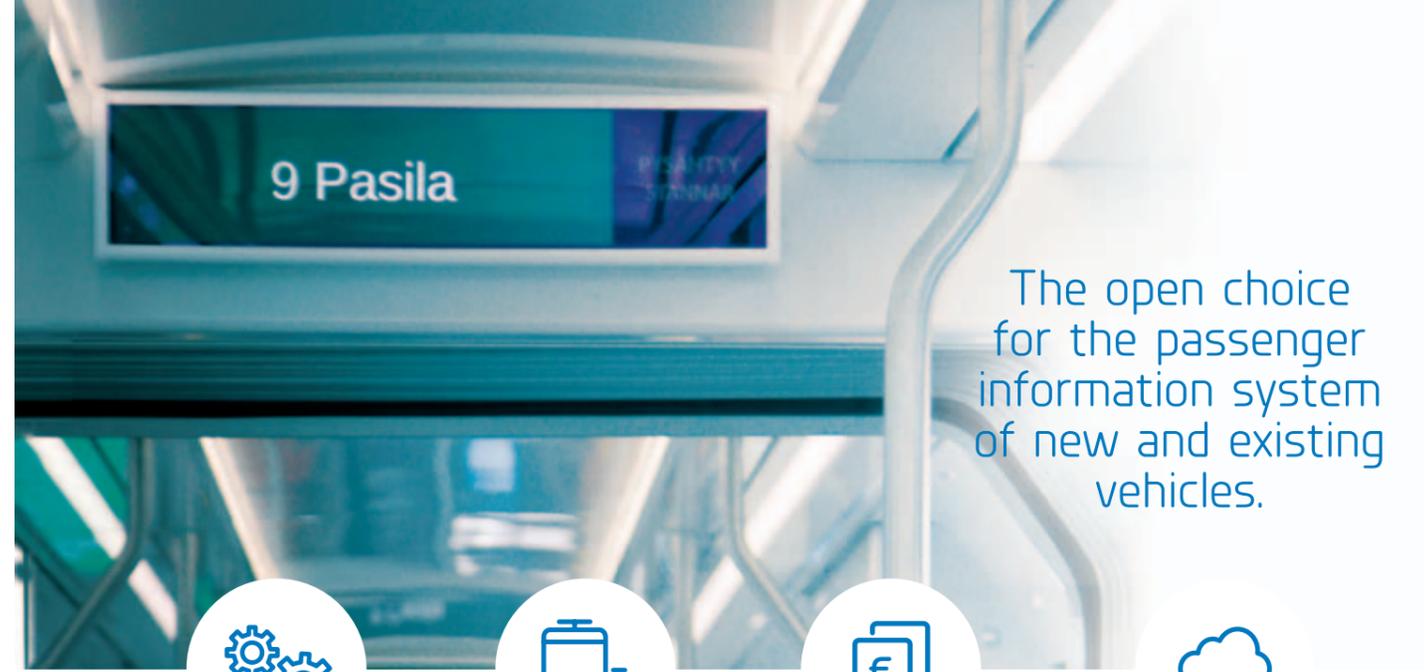
Smart performance with vehicle information equipment

DA-Design supplies smart, high performance and reliable solutions and products for public transportation. Our solutions provide vehicle manufacturers and operators displays and vehicle computer systems in open IP network.

OPEN COMPUTER INTERFACES FOR INTEGRATION AND WIDE RANGE OF OPERATION

DA-Design's display and computer system presents a sound investment for operators as products are robust and durable to meet the demands of extreme environments. System and displays

can easily be customised for special uses, which are suitable for challenging retrofitting of existing fleet. Additionally, the display system offers operators excellent opportunities to collaborate with advertisers to run their campaigns in vehicle display media as well to manage real-time update of passenger information.



The open choice for the passenger information system of new and existing vehicles.



The robust and reliable system with highest safety and quality standards.

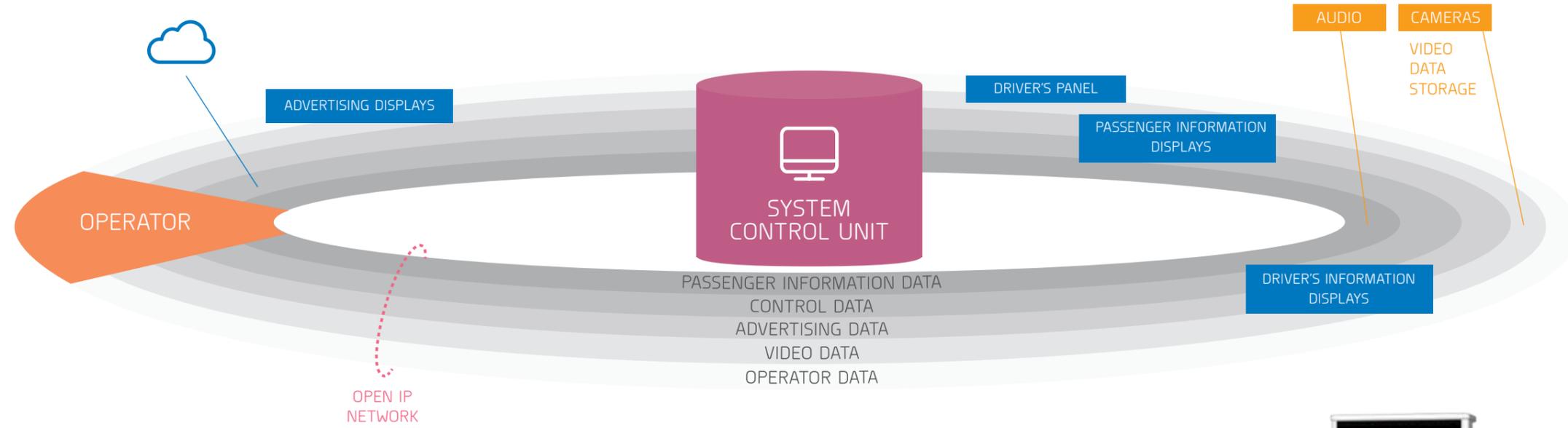
Increased passenger safety and satisfaction with visualized information.

Long product life cycle with a flexible and scalable system for the future.

Open IP offers an easy customization for retrofitting.

The Heart of Information

Share all real-time and timed information (data, audio, videos) from one central computer. The computer retrieves and receives operator transportation and vehicle data to display the information on various devices, such as passenger info and advertising displays as well as driver control panels. In addition, the system interfaces with third party devices, such as cameras and speakers. The computer is a pumping heart for vehicle and passenger information.



Vehicle Computer



The vehicle computer works as part of the network managing all devices in open IP networks, including the displays, driver interfaces, CCTV cameras and servers, audio announcements by using IP audio amplifiers and interface to outer networks. DA-Design can also provide user interfaces for drivers by using high-brightness LCD displays and touch-screens or separate buttons.



Vehicle Displays



The displays have integrated display controllers with a large amount of different interfaces. The products can work as part of an information system or stand-alone. The displays, which can be connected to Ethernet or WLAN networks or directly to GPRS / 3G networks, can also be controlled by using many serial connections or the displays can work stand-alone according to timed content.



The products are designed to have a low lifecycle cost with durable and lightweight displays, as well as low energy and maintenance requirements. Aluminium profile housing with anti-reflective and hardened front glass is ruggedised to withstand demanding use in public environments. Each display has a mounting possibility to walls or ceilings, which can be mounted in the portrait or landscape position.

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Advanced electronics and systems provider

DA-Design is the 7th Sense Solutions provider and partner for vehicle manufacturers and public transportation operators, defence and space authorities, as well as the industry sector. We provide the best and robust way to increase the performance of applications with new solutions or replacing and modernising existing systems with cutting-edge electronics.

DA-Design presents intelligent system engineering and customer focused project management. Our efficient, high-performance solutions are used in various demanding environments from sea depths to space vacuum.

The proven DA7 Quality System meets public transportation requirements and the key standards: ISO 9001:2008 and products are compliant with EN50155 standard, 'Railways Applications Electronic Equipment Used on Rolling Stock'. The company also fulfills military and space requirements.

Facility Security Clearance - EU SECRET
National Security Auditing Criteria - KATAKRI II

Operations in accordance with:

- / ISO 9001:2008
- / AQAP 2105
- / AQAP 2110
- / ESA PSS/ECSS



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