

Ticketing System

DUALIS TS



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The DUALIS TS Ticketing System is the expansion of the proven CMS Central Management System. It integrates the full range of distribution channels, e.g. subscription, self-service vending machines, staff-operated sales and control equipment as well as chip card validators. Moreover, it is designed for the parallel processing of paper tickets and smart cards. The pioneering solution can be tailored specifically to customer requirements, is responsible for all administrative and operational tasks necessary for the management and monitoring of essential distribution infrastructure, as well as internal and external interfaces.

The System consists of various extendable modules and open configurable interfaces. It can be installed either as a standalone system or as an additional unit suitable for integration. Full integration into existing systems can be performed in a highly efficient and cost-effective manner. The scalable system with one or several integrated servers is designed to incorporate a range of different database systems such as ORACLE (TM), with browser-supported access. The usual spectrum of solutions, e.g. ISDN, DSL, GSM, GPRS, LAN, W-LAN or mobile data media, can be used for the transmission of information. Thanks to the exclusive use of industry standards, DUALIS is geared to the future – for total peace of mind.

System module

Product and Tariff Management	Supports definition, import and distribution of complex paper tickets and chip card products
Card and Sales Management	Administration and control of distribution channels, provision of tariff product data, receipt of sales transactions, sales accounting and forwarding to standard admin systems, including chip card management (card management)
Point of Sales	Dispensing function for the staff-operated sale of tariff products on a paper or chip card basis, processing payments using cash or cashless methods, operation of ticket printers, document printers or chip card readers
Customer Relationship Management	Solution for subscriptions taking into account contractual practice, tracking of payments and administration of customer contacts
Payment Management	Management of the different cash flows such as cash, standardised electronic payments or pre-paid and post-paid operations specific to publicly operated transport services
Action List Management	Management of action lists for automatic extension of validity period and loading of electronic purses or the disabling of products or chip cards
	The comprehensive system functions include database administration, transaction management, user management, multi-language functionality, equipment control and configuration management, key management as well as monitoring, reporting, import and export functions