

Product:
Arcos Management
System

Market:
Public Transport

Application:
Back-end System

Functions:
Monitoring,
Configuration,
Data Distribution

Integration:
Open, Flexible
Interfaces

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Arcos Management System

- Reduce operating costs
- Enhance flexibility
- Support upgradability
- Scalability
- Modularity



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Management System

The Arcos Management System offers you, a transport operator, comprehensive support in the operation of the ticketing system. The synergies resulting from the deployment of Arcos, enable you to reduce operating costs and to increase the flexibility of your product offering. Arcos, in addition, focuses on high upgradability and integration into existing systems.

Monitoring

Arcos is a complete solution for monitoring of vending systems. Arcos receives status information and reports of irregularities from the vending machines and suitably processes them. Processes related to ticket stock and cash, as well as fault rectification measures, can be monitored with Arcos. Error messages can be displayed graphically and forwarded to the concerned departments. The status of the vending machines can be viewed at any time on a network diagram. Furthermore, it is possible to send remote maintenance commands to vending machines. For instance, acceptance of a particular means of payment can be blocked at short notice.

Configuration

Arcos allows administration of a heterogeneous landscape of vending machines which can be reliably provided with configuration data at a defined point in time, either individually, in groups, or universally.

Analysis

Data on sales and receipts, as well as operating data, is collected from the vending machines and transmitted to the management system. Here, Arcos performs the task of suitably preparing the data generated by the various types of vending machines and thus relieving downstream billing systems of device-specific tasks. On the basis of the gathered data, reports can be compiled, based on output the information received from the vending machines in a defined format. Values for optimization of product design can be calculated. Locations with strong sales and weak sales can be identified. It is possible to track how a new product is received and whether there are time dependent or geographical variations in the use of certain products. Moreover, vending machines with high or low utilization can also be identified.

Interfaces

Arcos has the necessary interfaces to external systems and thus enables the transfer of data to third-party systems, as well import of data provided. As an integrative component, Arcos controls the data exchange between the vending machines and the transport company's billing system.



Extensive support from Arcos in the operation of a ticketing system:

- Configuration and administration of vending machines
- Monitoring of vending machines
- Remote maintenance and remote control of vending machines
- Reporting of operating data and sales data
- Modular design
- Flexible upgradability
- Function based authorization concept
- Upgradable on a customer-specific basis
- Interfaces facilitate integration
- Intuitive user interface