

Dynamic Tariffs based on Occupancy

At a glance

The software solution described here makes it possible to calculate five different short-term parking tariffs according to how full the car park is. If the customer enters the car park at a time when it is relatively empty, they will be assigned a cheaper tariff than if they enter at a time when it is more full. The time of entry is key when it comes to determining the tariff to be calculated. Electronic display panels inform the customer of the currently applicable tariff before they pass through the barrier and enter.



Details

▪ Functionality

Up to five occupation-dependant tariffs may be created, for example:

- 1 - 10 free spaces = Tariff 1
- 11 - 30 free spaces = Tariff 2
- 31 - 50 free spaces = Tariff 3
- 51 - 100 free spaces = Tariff 4
- > 100 free spaces = Tariff 5

Depending on the occupation of the car park at the time of entry the appropriate card class is coded to each parking ticket (or Chip-Coin) and the tariff information is shown on the dynamic pricing panels. The payment points (automatic pay stations, manual sales devices or exit control devices) evaluate the card class and calculate the parking fee based on the stored tariff.

▪ Configuration

The central tool for configuring the pricing panels, occupation value ranges and card classes is the entervo Sign Editor. The car park operator is able to make all changes themselves. The tariffs are managed with the help of the entervo Tariff Management module and the card classes are assigned.

▪ Offline Operation

Whenever an entry control device goes offline it continues to encode the last known card class.

▪ Reports

The following reports enable comprehensive evaluation of the occupation-dependant tariffs:

- Card class-dependent turnover listing in statements

Benefits

- ▲ Integrated software solution
- ▲ Optimisation of yield management
- ▲ Active capacity control
- ▲ Flexible parking fee structures
- ▲ Adjustment possible based on system (different thresholds and tariffs for each system)
- ▲ Available for barcode, side stripe and ChipCoin systems

Minimum Requirements

- ▲ entervo V2R4M10 or V2R3M18
- ▲ entervo Sign Editor module
- ▲ Digital display of prices at the entries

Restrictions

- ▲ Vouchers or shop validators which change the card class cannot be used