



PayCon Product Prices in VMC

When a vending machine has our payment system connected to it, there are two options: either the PayCon determines the price or the Vending machine itself determines the price. This is done with the 'Price location' setting in the PayCon.

Warning: If the Vending machine determines the price, changing the prices in the Inepro Back Office Manager will not effect the prices in the machine, the product will still be sold at the old price. It will however change how the price is registered in the manager, according to the report the product was sold for the price in PayCon.

Warning: If you let an executive machine set the prices then all the transactions will register as 'Product 0' in the PayCon and as the product registered to hardware code '0' in the Inepro Back Office Manager.

MDB
The **Multi Drop Bus** protocol (**MDB**) is used in vending machines to interconnect different modules like our PayCon. It has a (button / product) ID and a price. The price location can be set to 'VMC', in which case the charge price cannot be effected, however the prices that Inepro reports the product to be sold for is the price set in the Back Office Manager and therefore the PayCon (because the manager will transfer the price to the PayCon automatically) So if the price location is 'VMC', then the price of a product must be the same in both the PayCon & VMC otherwise incorrect transactions will be registered.

MDB



Price in PayCon					Price in Vending				
Inepro Back Office	PayCon	Vending Machine	Registered at	Sold for	Inepro Back Office	PayCon	Vending Machine	Registered at	Sold for
Product 1 = 0,80	1:0,80	ID 1 = 0,60	0,80	0,80	Product 1 = 0,80	1:0,80	0,60	0,80	0,60
Product 2 = 0,90	2:0,90	ID 2 = 0,70	0,90	0,90	Product 2 = 0,90	2:0,90	0,70	0,90	0,70
Product 3 = 1,00	3:1,00	ID 3 = 0,80	1,00	1,00	Product 3 = 1,00	3:1,00	0,80	1,00	0,80
Product 4 = 1,10	4:1,10	ID 4 = 0,90	1,10	1,10	Product 4 = 1,10	4:1,10	0,90	1,10	0,90
Product 5 = 1,20	5:1,20	ID 5 = 1,00	1,20	1,20	Product 5 = 1,20	5:1,20	1,00	1,20	1,00
Product 6 = 1,30	6:1,30	ID 6 = 1,10	1,30	1,30	Product 6 = 1,30	6:1,30	1,10	1,30	1,10
Product 7 = 1,40	7:1,40	ID 7 = 1,20	1,40	1,40	Product 7 = 1,40	7:1,40	1,20	1,40	1,20
Product 8 = 1,50	8:1,50	ID 8 = 1,30	1,50	1,50	Product 8 = 1,50	8:1,50	1,30	1,50	1,30
Product 9 = 1,60	9:1,60	ID 9 = 1,40	1,60	1,60	Product 9 = 1,60	9:1,60	1,40	1,60	1,40

The prices in the vending machine are ignored by the PayCon, when the price location is PayCon. When the price location is VMC the product will be sold for the price in the VMC, **but registered as sold for**



the price in the PayCon! So make sure these prices are one and the same in this case. In this example product 1 will be sold for 0,60 but the sale will be registered at a price of 0,80 cent!



Executive

The Executive protocol (also known as Protocol A) was developed by Mars (MEI) and can only contain a price. However, if you assign the price 1-9 cent to the buttons 1-9, it will show the prices as ID's in the PayCon, and the PayCon can link the correct price to the correct button.

Executive



In this example we use the prices in the MDB table for the prices in the Vending machine as the prices in the image have a special meaning.

Price in PayCon					Price in Vending				
Inepro Back Office	PayCon	Vending Machine	Registered at	Sold for	Inepro Back Office	PayCon	Vending Machine	Registered at	Sold for
Product 1 = 0,80	1:0,80	0,01	0,80	0,80	Product 0 = 0,00 (open price)	0:0,00	0,60	0,60	0,60
Product 2 = 0,90	2:0,90	0,02	0,90	0,90	Product 0 = 0,00 (open price)	0:0,00	0,70	0,70	0,70
Product 3 = 1,00	3:1,00	0,03	1,00	1,00	Product 0 = 0,00 (open price)	0:0,00	0,80	0,80	0,80
Product 4 = 1,10	4:1,10	0,04	1,10	1,10	Product 0 = 0,00 (open price)	0:0,00	0,90	0,90	0,90
Product 5 = 1,20	5:1,20	0,05	1,20	1,20	Product 0 = 0,00 (open price)	0:0,00	1,00	1,00	1,00
Product 6 = 1,30	6:1,30	0,06	1,30	1,30	Product 0 = 0,00 (open price)	0:0,00	1,10	1,10	1,10
Product 7 = 1,40	7:1,40	0,07	1,40	1,40	Product 0 = 0,00 (open price)	0:0,00	1,20	1,20	1,20
Product 8 = 1,50	8:1,50	0,08	1,50	1,50	Product 0 = 0,00 (open price)	0:0,00	1,30	1,30	1,30
Product 9 = 1,60	9:1,60	0,09	1,60	1,60	Product 0 = 0,00 (open price)	0:0,00	1,40	1,40	1,40

As you can see, when the prices are set in the vending machine, all the transactions will be reported as a Product 0, sold by the PayCon vending, it cannot differentiate between the buttons on the machine. Furthermore you can see that when you set the special prices of 1-9 cent in the vending machine, you can let the PayCon determine the price for 9 different products.

The prices in the vending machine are ignored by the PayCon, when the price location is PayCon. **When the price location is VMC there may only be a Product 0 with an open price in IBOS! In the reports no difference can be made between the different products!**