

TELEKURS A.G.
Att. De M. Fredy Wagner
Hardturmstr. 201 / Postfach
8021 Zürich

Plan-Les-Ouates, October the 22nd 2004.

Concern: PSVIC protocol agreement on the RB2008C Module from IEM

Dear,

The "CASH" module RB2008C from IEM is using the PSVIC protocol under this agreement between IEM and Telekurs.

Point 1 : The modem link is only homologated for the cash initialization. The telecollection is not yet homologated. For the moment the collections are done with the Velocard.

Point 2: The PSVIC commands are following the "VENDING_EPT I/F using PSVIC" specification WKTIS003 V1.6.

PSVIC supported commands	PSVIC non supported commands
VMC_PURSE_REQUEST	VMC_COMMAND
PDV_PURSE_RESULT	PDV_COMMAND_REPLY
PDV_ERROR	VMC_DATA
VMC_CANCEL	PDV_DATA
VMC_STATE_REQUEST	PC_UNSEC_WRITE
PDV_STATE_INFO	PDV_SECU_TOKEN_SET
VMC_DEBIT_REQUEST	PC_SET_SECU_TOKEN
PDV_DEBIT_RESULT	PDV_UNSEC_WRITTEN
PC_UNSEC_READ	
PDV_UNSEC_INFO	
VMC_CONFIG ¹⁾	
PDV_CONFIG_REPLY	
VMC_SEND_TRANSPARENT ²⁾	
PDV_TRANSPARENT_RESULT	

1) see restriction in point 8.

2) see restriction in point 10.

Point 3: The information on the screen does not exist anymore and these informations are reported on the integrator interface.

Point 4: The info button on the "CASH" module is replaced by the PSVIC command "Purse request" send by the integrator.

Point 5: **The stop button** on the «CASH » module does not exist anymore. This function is released by withdrawing the card before the payment begin.

Point 6: **Time and Date** are set during the “CASH” initialization through the modem only. There is a possibility for the customer to adjust the time on the field but not the date.

Point 7: **Syn entry**: following the specification, a synchronization (syn entry) should be done each new day. On the IEM “CASH” module, this synchronization is done after a terminal wakeup for each new day.

Point 8 **The PSVIC command: VMC_CONFIG** does not use the pdv_state_mask field, and this field should be set at 0 otherwise the terminal answer pdv_error(iep_tx_inc).

Point 9 **The PSVIC command: DEBIT_REQUEST** will return an pdv_error if a card is already inserted except in the option «PSVIC DEBIT_REQUEST with card inserted». This option can be enabled in the "maintenance mode³" by the integrator. In this case the integrator has to integrate the OK button functionality in the vending machine and take the responsibilities on the fact that it is not possible to debit a cash card without the cardholder acceptance. The default setting is enabled.

3)To enter in the maintenance mode, connect Hyperterm program to P7 and press T2 button.

Point 10 **PSVIC transparent Message** is only implemented for IEM private messages. Only with the field Vic_Transparent_Device = 131 (0x83).

This document replace the previous from june 22th 2004.

Best regards

IEM SA F. Menoud

Annexe:

- Specification "VENDING-EPT I/F using PSVIC / WKTIS003 V 1.6 du 22.06.2004

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