

# MultiCash®

Hungarian Domestic Payments module (UZV) 4.0

Parameters of AZUR functions

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Omkron Magyarország Kft.  
Váci utca 49  
1134 Budapest

Tel.: +36-1-237-30-40

[info@omikron-mo.hu](mailto:info@omikron-mo.hu)  
[www.omikron-mo.hu](http://www.omikron-mo.hu)

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# Used session types in MultiCash for instant payments and payment requests

With introduction of AZUR functions in Hungarian payments module (UNG) new sessiontypes are implemented.

These new session types are already included in install package of basis module (MCC 4.00.007 Sp3) so these are automatically insereted into Session type database.

New session types are following:

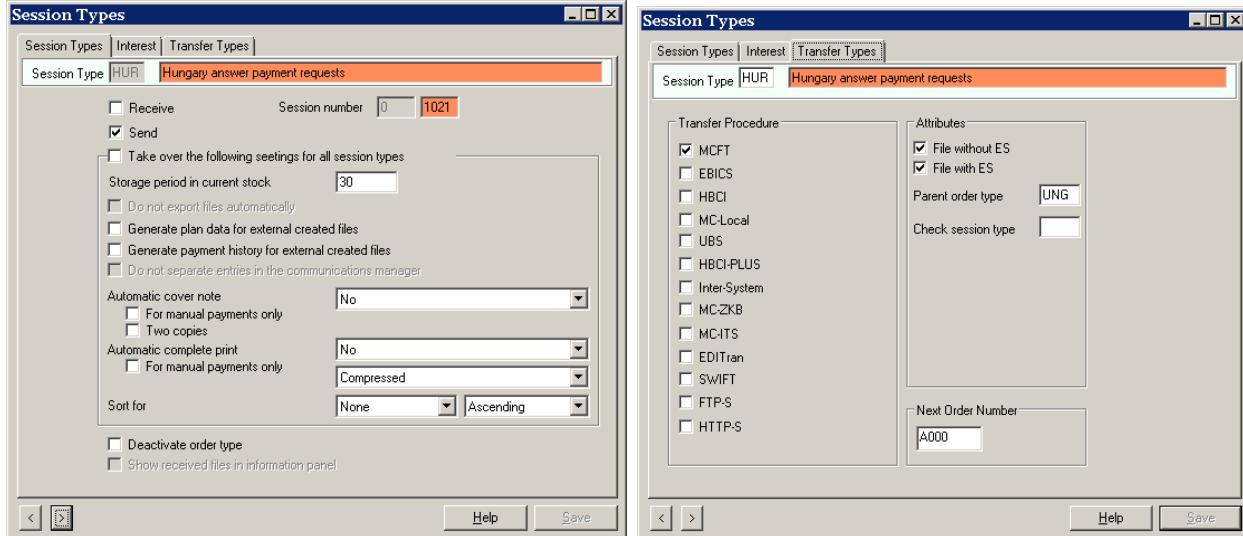
## HUI – Hungarian Instant Payments:

The screenshot shows the 'Session Types' dialog for the session type 'HUI'. The 'Transfer Types' tab is selected. The session number is 1019. Under 'Transfer Procedure', 'MCFT' is checked. Under 'Attributes', 'File without ES' and 'File with ES' are checked, and the 'Parent order type' is set to 'UNG'. The 'Next Order Number' is A000. Buttons for 'Help' and 'Save' are at the bottom.

## HUP – Hungarian Payment Requests:

The screenshot shows the 'Session Types' dialog for the session type 'HUP'. The 'Transfer Types' tab is selected. The session number is 1020. Under 'Transfer Procedure', 'MCFT' is checked. Under 'Attributes', 'File without ES' and 'File with ES' are checked, and the 'Parent order type' is set to 'UNG'. The 'Next Order Number' is A000. Buttons for 'Help' and 'Save' are at the bottom.

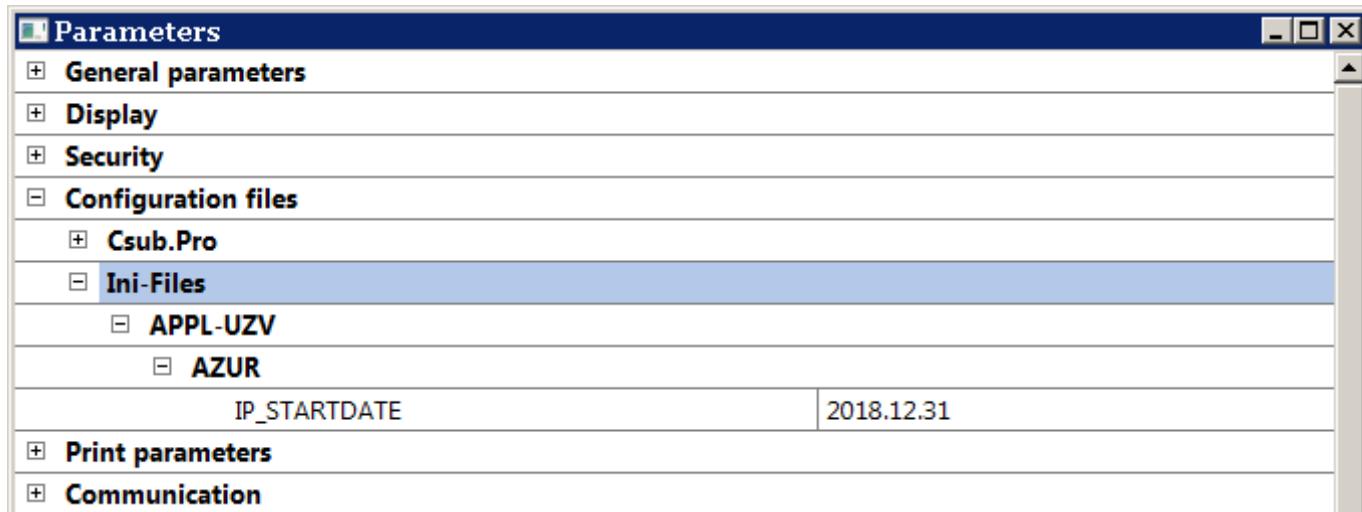
## HUR – Hungarian Answer Payment Request:



## Parameters of Instant Payments and Payment Requests

Global parameters of UZV module should be defined in APPL-UZV.INI, bank specific parameters should be defined in APPL-UZV-<bbb>.INI (where bbb stands for bank id, which is the first three digits of bank's national id).

Each of parameters defined in a configuration INI file can be defined also in GUI of MultiCash 4.0 in menu Administration/Parameters - Configuration - files/ INI-Files



If a parameter is defined both in an INI file and also in GUI, value of the parameter in GUI overwrites the value of the parameter defined in INI file.

INI files are located in ..\WORK\MCCWIN\DAT folder.

Parameters related to both instant payments and payment requests should be defined in section [AZUR] of INI files.

Detailed description of parameters please find in following chapters.

## Parameters of Instant payments

### IP\_STARTDATE - it defines startdate, when instant payments are allowed from

Value of IP\_STARTDATE parameter in APPL-UZV.INI defines when a customer can enter and send an instant payment from. This means also when new fields for instant payments (e.g. secondary ID fields of partner data) appear on enter payment form.

The screenshot shows a Windows-style dialog box titled 'Edit payment orders'. It has tabs at the top: 'Payment' (selected), 'Partner', 'Additional Information', 'Ultimate debtor and partner', and 'Times'. The 'Payment' tab contains fields for 'Order number' (set to 5), 'Beneficiary index' (with a dropdown menu), 'Name' (highlighted in orange), 'Address', 'Country' (set to HUNGARY), 'Not resident' (checkbox), 'Group', 'Identifier type' (dropdown menu set to 'Account number'), 'Partner bank' (dropdown menu set to 'Account number'), 'Id' (dropdown menu), 'Bank name' (dropdown menu), 'Account number' (highlighted in orange), and 'IBAN' (checkbox). A small window with a list of identifier types (Account number, E-mail address, Mobil phone, Tax id, Tax number) is open over the 'Identifier type' field.

From this day on system package and send payment orders - if these meet criteria of instant payment - in HUI format into the bank.

If a bank wants to activate instant payment functions on a different date, it should be defined by IP\_STARTDATE parameter in a bankspecific INI file with a name APPL-UZV-bbb.INI (where bbb stands for bank identification). In this case system take into consideration date defined in bankspecific INI when check or send a payment order.

**Default value: not applicable**

### IP\_LIMITAMOUNT - max amount of an instant payment

This parameter can be set in global configuration file (APPL-UZV.INI) and also in a bankspecific one(APPL-UZV-bbb.INI), if a bank wants to deviate from global value.

**Default value: no limit.**

Example:

IP\_LIMITAMOUNT=10000000

Based on this example from payment orders with an amount less than 10.000.000 HUF can be created a HUI file. Above 10.000.000 HUF system creates an UNG or HCT file - depending on background settings.

### IPS\_PER\_MSG - max number of instant payments written into a payment file

IPS\_PER\_MSG parameter can be set only globally in APPL-UZV.INI. It is not possible to define as a bankspecific option.

**Default value: 1**

Example:

IPS\_PER\_MSG=1

### USERDEFIP - It defines appearing of "Instant payment" option on enter payment form

USERDEFIP parameter can be set only globally in APPL-UZV.INI. It is not possible to define as a bankspecific option. It defines whether "Instant payment" switch appears on enter payment form.

If this parameter is activated (USERDEFIP=1), so customers are able to mark a payment as instant payment using a switch on enter payment form. In this case system sends this payment definitely in a HUI package

**Edit payment orders**

Payment | Partner | Additional Information | Ultimate debtor and partner | Times |

Order number	5	Single	Transfer
Access class			
Account index	?	Account to be debited	?
Ordering party / Debtor	?	?	
Partner	?	Partner name	?
Partner bank code	Partner account number		
Currency	Amount to be credited	EndToEnd Identification	
HUF	0	190116130004100	
Remittance information			
Only the first 3 lines of remittance information will be written to the UNG files. <input checked="" type="checkbox"/> Instant payment			
Approvals	0	of	1
Value date	2019.01.16.	Earliest transmission	2019.01.16
<input type="button" value="Save and store as template"/>		<input type="button" value="Help"/>	<input type="button" value="Save"/>

If parameter USERDEFIP is equal to 0 or missing from APPL-UZV.INI, so system decides at file creation, which session type should be used: UNG, HCT or HUI.

**Default value: 0**

## Parameters of payment requests

### PR\_STARTDATE - it defines startdate, when payment requests are allowed from

Value of PR\_STARTDATE parameter in APPL-UZV.INI defines when a customer can enter and send a payment request from. After this date can be selected "Payment request" payment type on enter payment form:

**Edit payment orders**

Payment | Partner | Additional Information | Ultimate debtor and partner | Times |

Order number	5	Single	Transfer
Access class			
Account index	?	Account to be debited	?
Ordering party / Debtor	?	?	
<div style="border: 1px solid black; padding: 2px; display: inline-block;">           Transfer            Direct debit            Urgent transfer  <b>Payment request</b> </div>			

If a bank wants to use a differ date from the global value, PR\_STARTDATE parameter should be defined (with a different value) also in the bankspecific APPL-UZV-bbb.INI file. A bankspecific value overwrites the global value.

**Default value: not applicable.**

### PR\_LIMITAMOUNT - max amount of a payment request.

This parameter can be set in global configuration file (APPL-UZV.INI) and also in a bankspecific one(APPL-UZV-bbb.INI), if a bank wants to deviate from global value.

**Default value: no limit.**

Example:

PR\_LIMITAMOUNT=5000000

### **PRS\_PER\_MSG - max number of payment requests written into a payment file**

PRS\_PER\_MSG parameter can be set only globally in APPL-UZV.INI. It is not possible to define as a bankspecific option.

**Default value: 1.**

Example:

PRS\_PER\_MSG=1

### **[PartnerParams] section in bankspecific INI (APPL-UZV-bbb.INI) files:**

This section contains configuration related to agreements with partner banks. These line(s) defines when partner banks accept AZUR transactions.

On the left side of "=" is defined the partner bank with its 3 digit national ID (e.g. 117 for OTP Bank). On the right side is defined following separated by comma (,):

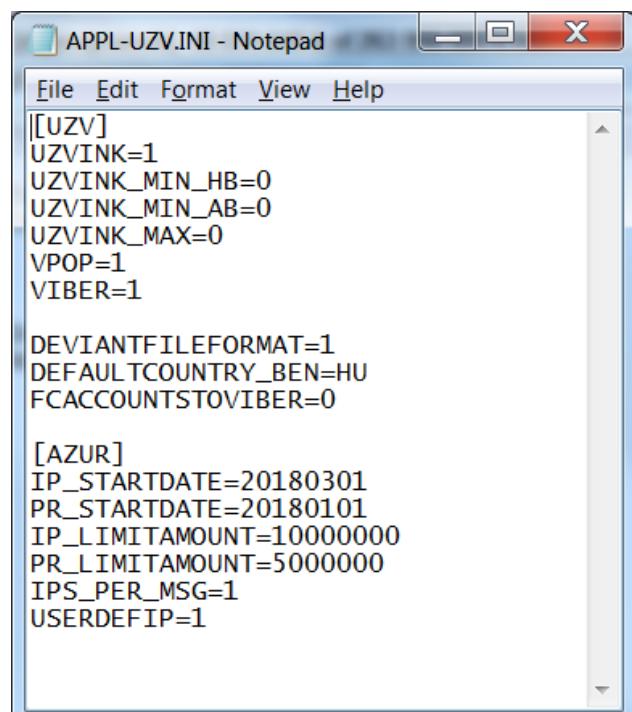
- startdate of accepting instant payments (YYYYMMDD),
- limit of an instant payment,
- startdate of accepting payment requests (YYYYMMDD),
- limit of a payment request.

Example:

[PartnerParams]

117=20190701,12000000,20200701,6000000

### **Example APPL-UZV.INI file**



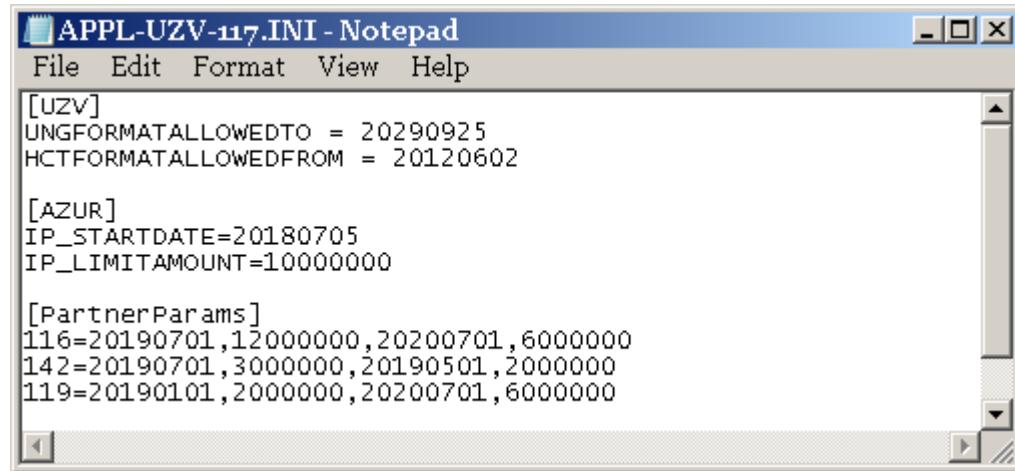
The screenshot shows a Windows Notepad window titled "APPL-UZV.INI - Notepad". The window displays the following configuration file content:

```
[UZV]
UZVINK=1
UZVINK_MIN_HB=0
UZVINK_MIN_AB=0
UZVINK_MAX=0
VPOP=1
VIBER=1

DEVIANTFILEFORMAT=1
DEFAULTCOUNTRY_BEN=HU
FCACCOUNTSTOVIBER=0

[AZUR]
IP_STARTDATE=20180301
PR_STARTDATE=20180101
IP_LIMITAMOUNT=10000000
PR_LIMITAMOUNT=5000000
IPS_PER_MSG=1
USERDEFIP=1
```

## Example bankspecific configuration file (APPL-UZV-bbb.INI)



The screenshot shows a Windows Notepad window titled "APPL-UZV-117.INI - Notepad". The window contains the following configuration file content:

```
[UZV]
UNGFORMATALLOWEDTO = 20290925
HCTFORMATALLOWEDFROM = 20120602

[AZUR]
IP_STARTDATE=20180705
IP_LIMITAMOUNT=10000000

[PartnerParams]
116=20190701,12000000,20200701,6000000
142=20190701,3000000,20190501,2000000
119=20190101,2000000,20200701,6000000
```