## Structure of CFA file MCC 3.20 / HC 4.0 / SMO?? / MCT 3.20 (04.04. 2007 version 6)

Format of file for foreign payments (\CZAWIN\\*.cfa) for program MultiCash

Structure of CFA file corresponds to format of Czech Foreign Payment System.

The extension of a CFA file's name is ".CFA". This extension is generated by the program automatically.

The CFA file starts with a file Header.

The payment order starts with a message Header

A payment order starts with a starting brace ("{"),and an **message header**, and ends with an ending brace ("}").

The orders are separated from each other by the "\$" sign.

The fields within an order are separated by the <CR><LF> sequence.

The file can contain more than one payment order.

### File must contain only upper case. File must not contain null row (Null row is several space too) except field 72:. Code page of payment file is CP 852 (Latin2)

**Export from Application** – This is format of output file (created by file creation routine) from these applications MC, HC, SMO. This file is accepted by MCB/Bank.

We strictly recommend keeping this format for connection with accounting systems.

Import to Application – description of checks during import into Application (import routine).

We can check rightness format on address helpdesk@mdpraha.cz

### **Column description:**

Field	=	serial number of data field
M/O	=	completion of a field
		<b>m</b> = mandatory
		o = optional
L/F	=	Length and format of the data field
		<b>n</b> = numeric (0 - 9)
		leading zeroes are allowed, but not compulsory
		<b>a</b> = alphanumeric
		$\mathbf{f}$ = fixed field length
		<b>v</b> = variable length

The structure of the FILE header

	Export	
Content	M/O	L/F
<cr><lf>:01:</lf></cr>	m	4 a f
Customer reference	0	16 a v
<cr><lf>:02:</lf></cr>	m	4 a f
Total amount of all orders, regardless of currencies	m	17 n f
<cr><lf>:03:</lf></cr>	m	4 a f
Number of orders in the file	m	5 n f
<cr><lf>:04:</lf></cr>	m	4 a f
Ordering party Swift address	0	8/11 a f

<b>CR&gt;<lf>:05:</lf></b> Ordering party name and address (at most 4 rows, 35 letters/row, separated by <cr><lf>). This field must contains the same information as field :50: If payment file contains more than one payment order, in this field must be filled information from first payment order.</lf></cr>	<b>m</b> m	<b>4 a f</b> 4*35 a v
<cr><lf>:07:</lf></cr>	m	4 a f
Name of the file CFA	m	12 a v

Structure of the MESSAGE header:

## {1:F01XXXXXXXXXXBBBBTTTTT}{2:I100XXXXXXXXXXXXXY1}{4:

where

1:F01			Basic Header Block				
XXXXXXXXXAXXX	K first four characters ordering party bank ID next fix string = XXXXAXXX						
BBBB	file-number						
	(Ge	(Generated by the program from 0 to 9999)					
ТТТТТТ	tran	saction	number				
	(Inc	reasing	l from 0 to 999999)				
2:1100	Con	Constant Application Header Block					
XXXXXXXXXAXXX	Swit	Swift address beneficiary bank ID (8/11 characters separated "A")					
	lf sv	vift of a	ddress beneficiary bank is not present, will fill beneficiary bank ID from				
	IBAI	N. If IB	AN will not present, beneficiary bank ID.				
	Y	paym	ent type code				
	Ν	00	Standard transfers				
	U	10	Telex payment or SWIFT express				
	А	20	Check, announcements in free format				
	В	21	Check, registered announcements				
	С	22	Check, announcements by courier				
	D	23	Check, registered announcements by courier				
	Е	30	Check for the ordering party				
	F	31	Check for the ordering party, announcements registered				
	G	32	Check for the ordering party, announcements by courier				
	Н	33	Check for the ordering party, registered announcements by courier				
1	Con	stant	End of Application Header Block				
4:	Con	nstant <sup>-</sup>	Text Block				
4:	Con	istant	I EXT BIOCK				

The structure of the payment order:

	Export from Application		
Content	M/O	L/F	
<cr><lf>:20:</lf></cr>	m	4 a f	
Customer reference	m	16 a f	
If the reference is missing fill in 16 blanks.			
If the field is shorter then 16 fill blanks from right			
<cr><lf>:32A:</lf></cr>	m	5 a f	
Subfield 1:	m	6 n f	
order's value date (YYMMDD)			
Subfeld 2 :	m	3 a f	
ISO code of the amount's currency.			
Subfeld 3 :	m	15 n v	
Amount (with 2 decimals, which are always			
separated decimal comma)			
<cr><lf>:50:</lf></cr>	m	<b>4 a f</b> 4*35 a v	
Ordering party (at most 4 rows, 35 letters/row,	m	4°35 a v	
separated by <cr><lf>) The first row must not be empty or contains only</lf></cr>			
spaces. The first row is mandatory			
<cr><lf>:52D:</lf></cr>	m	5 a f	
Subfield 1	m	6 + 10 n f	
Ordering party account number			
pre-c/a + c/a			
<cr><lf></lf></cr>			
Subfield 2	m	6 + 10 n f	
Charges account number			
pre-c/a + c/a			
<cr><lf></lf></cr>			
Subfield 3			
Ordering party account currency ISO code	m	3 a f	
<blank></blank>			
Ordering party charges account currency ISO code	m	3 a f	
<cr><lf></lf></cr>			
Subfield 4		0 = 1	
Statistical code (Leading zeroes from left)	m	3 n f	
<pre><blank> (ASCII 32)</blank></pre>	m	2 a f	
Beneficiary country code (ISO)	m	2 0 1	
<blank> (ASCII 32)</blank>	m	2 a f	
Beneficiary bank's country code (ISO)		201	
<pre></pre> <pre></pre> <pre></pre> <pre></pre>	m	5 a f	
Beneficiary bank Swift address (8 or 11 characters)	0	8(11) a f	
	Ū	0(11)011	
<cr><lf>:57D:</lf></cr>	m	5 a f	
Beneficiary bank name (at most 2 rows, 35	m	2*35 a v	
char./row, separated by <cr><lf>)</lf></cr>			
The first row must not be empty or contains only	m	2*35 a v	
spaces			
Beneficiary bank address (at most 2 rows,			
35 char./row, separated by <cr><lf>)</lf></cr>			
The rows must not be empty or contains only			
spaces			
Note: In format of Euro payment mustn't be fill street			
and town of beneficiary bank.			

		Ii
<cr><lf>:59:</lf></cr>	m	4 a f
Subfield 1	m	1 a f
Hyphen "/"		
Subfield 2	m	34 a v
Beneficiary account number		
<cr><lf></lf></cr>		
Subfield 3		
Name of beneficiary	m	2*35 a v
(at most 2 rows, max. 35 characters/row, separated		
by <cr><lf>)</lf></cr>		
The first row must not be empty or contains only		
spaces.		
Address bank of beneficiary		
	ο	2*35 a v
<cr><lf>:70:</lf></cr>	0	4 a f
Payment details	0	4*35 a v
(at most 4 rows, max. 35 characters/row, separated		
by <cr><lf>)</lf></cr>		
<cr><lf>:71A:</lf></cr>	m	5 a f
cost accounting	m	3 a f
BN1:		
Expenses of the ordering party bank .are on the		
ordering party;		
Expenses of the beneficiary bank are on the		
beneficiary		
OUR:		
All expenses are on the ordering party		
BN2:		
All expenses are on the beneficiary. (If you select		
this option, field :52D: subfield 2 will contain only		
zeroes)		
<cr><lf>:72:</lf></cr>	m	4 a f
Subfield 1	m	4*2 n f
Instructions at most 4 instruction codes		
(2 digits numerical codes separated by spaces)		
01 Payment only for beneficiaries		
02 Payment only with check		
04 Payment only after identification		
06 The beneficiary bank should be informed by		
phone		
07 The beneficiary's bank should be informed		
by fax		
09 The beneficiary should be informed by		
phone		
10 The beneficiary should be informed by fax		
<cr><lf></lf></cr>	m	35 a f
Subfield 2		
Contact person		
<cr><lf></lf></cr>	m	35 a f
Subfield 3		
Supplementary information for the field :52D:		
<cr><lf></lf></cr>	0	3*35 a v
Subfields 4 - 6	-	
Statistics (at most 3 rows, 35 characters/row,		
separated by <cr><lf>)</lf></cr>		

In the following example "|" stands for space.

#### Example for a CFA-file:

```
:01:REFERENCE|DTCFA
:02:200,00||||||||||
:03:1||||
:04:COBACZPX | | |
:05:ORDERING PARTY INFO1
ORDERING | PARTY | INFO2
ORDERING | PARTY | INFO3
ORDERING | PARTY | INFO4
:07:DTCFA.CFA
{1:F010200XXXXXXX0006000001}{2:I100XXXXXXXXXXXXXXXX}}{4:
:20:REFERENCE||||||
:32A:960722DEM200,00
:50:ORDERING | PARTY | INFO1
ORDERING | PARTY | INFO2
ORDERING | PARTY | INFO3
ORDERING | PARTY | INFO4
:52D:000000012345671
000000012345671
CZK CZK
130 DE DE
:57A:SWADDRESS
:57D:BENEFICIARY | BANK | NAME
BENEFICIARY | BANK | NAME
BENEFICIARY BANK ADDRESS
BENEFICIARY | BANK | ADDRESS
:59:/2345678
BENEFICIARY INFO1
BENEFICIARY INFO2
BENEFICIARY INFO3
BENEFICIARY INFO4
:70:PAYMENT DETAILS
PAYMENT | DETAILS
PAYMENT
PAYMENT DETAILS
:71A:BN1
:72:01|06|04|02
CONTACT | | | | | | | | | | | |
REEXPORT
STATISTICS1
STATISTICS2
STATISTICS3
- }
```

### Example of more then one payment orders in CFA file

```
:01:REFERENCE | DTCFA
:02:400,00 | | | | | | | | | |
:03:2 | | |
:04:COBACZPX | | |
:05:ORDERING | PARTY | INFO1
ORDERING | PARTY | INFO2
ORDERING | PARTY | INFO3
ORDERING | PARTY | INFO4
:07:DTCFA.CFA
{1:F010200XXXXAXXX0006000001}{2:I100XXXXXXXXXXXXX}}{4:
:20:REFERENCE | | | | | | | | |
:32A:960722DEM200,00
:50:ORDERING | PARTY | INFO1
```

ORDERING PARTY INFO2 ORDERING | PARTY | INFO3 ORDERING | PARTY | INFO4 :52D:000000012345671 000000012345671 CZK CZK 130 | DE | DE :57A:SWADDRESS :57D:BENEFICIARY BANK NAME BENEFICIARY BANK NAME BENEFICIARY | BANK | ADDRESS BENEFICIARY BANK ADDRESS :59:/2345678 BENEFICIARY | INFO1 BENEFICIARY INFO2 BENEFICIARY INFO3 BENEFICIARY INFO4 :70:PAYMENT DETAILS PAYMENT | DETAILS PAYMENT | DETAILS PAYMENT | DETAILS :71A:BN1 :72:01|06|04|02 STATISTICS1 STATISTICS2 STATISTICS3 -}\${1:F010200XXXXXXXX0006000001}{2:I100XXXXXXXXXXXXXX}}4: :20:REFERENCE||||||||| :32A:960722DEM200,00 :50:ORDERING PARTY INFO1 ORDERING | PARTY | INFO2 ORDERING PARTY INFO3 ORDERING | PARTY | INFO4 :52D:000000012345671 000000012345671 CZK | CZK 130 DE DE :57A:SWADDRESS :57D:BENEFICIARY | BANK | NAME BENEFICIARY | BANK | NAME BENEFICIARY | BANK | ADDRESS BENEFICIARY | BANK | ADDRESS :59:/2345678 BENEFICIARY | INFO1 BENEFICIARY | INFO2 BENEFICIARY INFO3 BENEFICIARY | INFO4 :70:PAYMENT DETAILS PAYMENT | DETAILS PAYMENT | DETAILS PAYMENT | DETAILS :71A:BN1 :72:01|06|04|02 REEXPORT | | | | | | STATISTICS1 STATISTICS2 STATISTICS3 - }

#### Example for a CFA-file with payment statuses:

:01:REFERENCE | DTCFA

:02:200,00||||||||| :03:1|||| :04:COBACZPX :05:ORDERING PARTY | INFO1 ORDERING | PARTY | INFO2 ORDERING PARTY INFO3 ORDERING | PARTY | INFO4 :07:DTCFA.CFA {1:F010200XXXXXXX0006000001}{2:I100XXXXXXXXXXXXXXXX}}{4: 20:REFERENCE|||||||||| :32A:960722DEM200,00 :50:ORDERING | PARTY | INFO1 ORDERING | PARTY | INFO2 ORDERING PARTY INFO3 ORDERING PARTY INFO4 :52D:000000012345671 000000012345671 CZK CZK 130 | DE | DE :57A:SWADDRESS :57D:BENEFICIARY BANK NAME BENEFICIARY | BANK | NAME BENEFICIARY BANK ADDRESS BENEFICIARY BANK ADDRESS :59:/2345678 BENEFICIARY | INFO1 BENEFICIARY INFO2 BENEFICIARY INFO3 BENEFICIARY INFO4 :70:PAYMENT DETAILS PAYMENT | DETAILS PAYMENT DETAILS PAYMENT DETAILS :71A:BN1 :72:01|06|04|02 STATISTICS1 STATISTICS2 STATISTICS3 - }