

MultiCash[®] 3.23

Fundamental Notes

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1 Preliminary notes

MultiCash is a standard software for Electronic Banking, which many banks provide to their customers for the collection of account information and the processing of payment orders.

The system supports a broad range of formats for the usage in national and international payment transactions. The system can be kept always current by the simple over-installation of sub-modules and can be flexibly supplemented with further formats.

MultiCash supports several national and international communication procedures and is also modularly extensible in this respect (with supplementary modules if need be).

The system is conceived as Windows application, but can be equipped by means of the supplementary module "MultiCash@Web" with a HTML user interface, whereby only a internet browser is needed on the individual workstations.

This document is addressed to all users of MultiCash and their administrators as well as to the consultants, who setup and configure the application for a customer.

First you find an overview on the available documentation in Chapter 2, so that you find as fast as possible the answers to your questions, e.g.:

- the System Requirements
- a Quick Reference for Administrators, which guides through the installation and the technical *configuration*
- a Quick Reference guiding from the first steps to the collection of account information and the transmission of payment orders
- an Overview on the Changes of the current version.

The update of older versions is a special area of challenges, because partly fundamental changes had to be accomplished here in the interfaces or the handling. In parts special points are to be considered for this, so that a furthermore smooth running is ensured. In **Chapter 3** you find a description of the notable points with the **update from version 3.01 to version 3.20**.

The **update from version 3.20 to 3.21**, however, is unproblematic, since here no fundamental structural changes have been made, but only extensions have been implemented for the use of the new German Standard Communication Protocol EBICS.

Something near it applies to the **update from version 3.21 to 3.22**. Here only the crypto/signature environment was changed fundamentally. Therefore no registration of components is necessary in the Windows Registry data base any longer.

2 Overview on the documentation

2.1 Details on Installation

In the root directory of your installation CD you will find this document

MCC323-Readme-GB.PDF

with details on installation and set-up.

2.2 Technical Information/System Requirements

In the root directory of your installation CD you will find the document

MCC323-TechInfo-GB.PDF

with current requirements for the *operation* of the current MultiCash version concerning hardware und software.

2.3 System Administrators Quick Reference

In the root directory of your installation CD you will find the document

MCC323-QuickRef_Admin-GB.PDF

with instructions on the technical setup of the systems.

2.4 Users Quick Reference

In the root directory of your installation CD you will find the document

MCC323-QuickRef_User-GB.PDF

with instructions on the first steps for the start of the system.

2.5 Key Changes to Version 3.22

In the root directory of your installation CD you will also find the document

MCC-Changes_322_323-GB.PDF.

This document describes the substantial changes in contrast to the previous version.

2.6 Help Texts

In the ..\MCCWIN\DOC directory you find files like this:

<mmm>DLG<ss>.HLP und <mmm>DLG<ss>.CNT

<mmm> stands for the application abbreviation (e.g. IZV, AZV or RFT)

<ss> stands for the language abbreviation (e.g. DE, GB or FR)

These files contain the on-line help, which can be called from the Windows dialogs or directly.

2.7 User Manuals

In the ..\MCCWIN\DOC directory you also find files like this:

<mmm><vv>_<ss>.PDF

<mmm> stands for the application abbreviation (e.g. IZV, AZV or RFT)

<vv> stands for the version abbreviation (e.g. 30 or 32)

<ss> stands for the language abbreviation (e.g. DE, GB or FR)

These files contain the user manuals with tables of contents and indices in the pdf format.

3 Important Notes

3.1 Version 3.20

In this chapter you find special references to the innovations of the version 3.20, which you should consider by all means, because they can lead to technical or organizational changes.

Remark: All substantial innovations are described in detail in a separate document (see Chapter 2.5 *Key Changes to Version 3.2*).

Also you find the fundamental proceeding with an update installation in a separate document (see Chapter 2.3 *System Administrators Quick Reference*).

3.1.1 Screen Resolution

Due to the extended information in several dialogs the minimum requirement for the screen resolution had to be increased from 800x600 to 1.024x768 pixel.

3.1.2 Old Modules



Please note absolutely:

The running of modules from the 3.0X version under a Core module of version 3.20 represents an exceptional case and must always be agreed before with your Omikron Partner.

In order to run modules of the program version 3.0X under MultiCash 3.20, the supplementary module "3.00 modules support " must be installed as well as the appropriate format sub-system of the new type (P31XXYY.DLL) already available in the Core version.

If the 3.00 modules support is installed, the old modules keep on running as before. Only the function for the immediate Comms. execution from within the module cannot be used. The communication then must be triggered within the File Manager.

Remark: Naturally the old modules do not support new functionalities, e.g. central logs and access classes. In particular, if it should be worked with access classes, all modules should have to be version 3.20.

3.1.3 ADMIN2 file

The backup of files before an update installation should also comprise the storing of the ADMIN2 master password file, which is usually present on disk, since it is converted with the first start of the version 3.20. In the case of restoring of an older version the access is only possible using this also stored ADMIN2.MPW belonging to the older version.

3.1.4 File Manager and DAD files

The functions "Maintain DAD", "Execute DAD" and "Delete DAD" are omitted. The controlling and monitoring of the communication is carried out by means of the File Manager exclusively. With the migration of version 3.0X to 3.20 the orders from existing DAD files not yet completed, are transferred to the File Manager. The DAD file name is retained as ID-group. The cycles for the automatic execution of collection orders can also be found in the File Manager.

Please check after the update installation whether all collection orders have been transferred correctly from your DAD files.

3.1.5 File Manager: File Display

The file display for transmission jobs is carried out in a new standardized layout for all session types in the same way. For this the Internet Explorer must be installed correctly on your system.

If you should wish the character display as before, please set the system parameter "Program – Logs/File view – Display payment files 'classic'".

Remark: Up to now on problems the data base files "DATEI.Z*" or "RNAME.Z *" were deleted occasionally. This should be absolutely avoided starting from version 3.20, since otherwise all Comms. orders or Comms. PCs are deleted.

3.1.6 Electronic Signature: Installation

The components for the Electronic Signature were fundamentally revised. Therefore the following is to be considered starting from version 3.20:

1. After an update installation the central setup must be called **on each client in a network**, so that the ES components are registered correctly in the Windows environment.
2. If MultiCash is to be removed from a computer, you should always use the Uninstall function ("start - settings - system control - software - MultiCash"). If only the MultiCash directory is deleted (as it was common in former times), registry entries remain, which can cause problems with later installations.
3. When changing an environment with a version of the Electronic Signature before 3.01.008 to version 3.20, you should also save the key files on your signature diskettes, since also in this case the keys which have been used once in the new version will no longer be identified by the old program version.

3.1.7 Electronic Signature: Setup

Now different signature media can be administered in parallel (please read the descriptions for this in the separate documentation specified in Chapter 2.5). For this the media supported here must be defined **for each computer** in the system parameters first. Afterwards in the user administration the medium used is assigned to each user. Diskette signature is supposed as default. In this case the users can continue to work without any adjustments.

If you use **chip cards** for the signature, the appropriate settings **must** be made in the system parameters and the user master data.

3.1.8 Parameters

The allocation of the parameters to overall system, computers and users was fundamentally reorganized (please read the descriptions for this in the separate documentation specified in Chapter 2.5). Unfortunately thereby not all settings could be assigned automatically again.

Therefore we strongly recommend, that besides the administrators also each user has to check its parameter settings and to save them again.

3.2 Version 3.21

The update from version 3.20 to version 3.21 is unproblematic, since only extensions for the operation of the EBICS Communication module have been implemented on the basis of the platform generation 3.2. Therefore only the following notes:

3.2.1 New modules

With version 3.21 only the following modules must be exchanged besides the Core module:

- Electronic Signature (all versions)
- BCS-FTAM
- EBICS

All other modules of the 3.20 generation can be processed unchanged in the Core module system 3.21.



Please note:

After updating the network version, you have to call the central setup from the server resource once again on the clients.

3.2.2 EBICS Communication protocol

For this, please read the documentation delivered together with this module.

3.2.3 SEPA Payments module

For the new european payments via SEPA procedure a new Payments module (and corresponding format sub-systems for the transfer of third-party files) have been developed, containing all features of the MultiCash Payments modules of the 3.2 generation. As all other additional modules, it is also executable under the Core module systems of the 3.20 version.

3.3 Version 3.22

The update from version 3.21 to version 3.22 is also unproblematic, since beside enhancements for the new cryptographic procedures of the EBICS and MCFT Communication modules only the local file encryption have been implemented on the basis of the platform generation 3.2. Therefore only the following notes:

3.3.1 New modules

With version 3.22 only the following modules need to be exchanged beside the Core module:

- Electronic Signature (all variants)
- All Communication modules
- MultiCash@Web Core module

Due to the technical changes in the crypto environment, described in the documentation of changes, however for additional modules an update to a new release of the generation 3.20 can be necessary, in order to use all functionalities correctly. This applies e.g. to

- Austrian Payments modules
- SEPA Payments module
- Foreign Trade modules



Please note:

After the update of the network version, the central Setup can be called on the clients from the server resource once again. Thereby, the registry entries of the old signature environment are then removed. This step is technically not necessary, but the only possibility to remove the registration entries completely. In later versions this functionality will not be contained any longer, since then the Setup creates only the program shortcut on the clients automatically.

3.3.2 Electronic Signature

Please read chapter 2.2 in the description of the changes very carefully!

3.3.3 Communication protocols EBICS and MCFT

No special precautions or organizational preparations for conversions need to be made. For detailed information please read the appropriate sections in the description of the changes.

3.3.4 SEPA Payments module

The SEPA module was adapted to the official 3.2 version. No special precautions or organizational preparations for conversions need to be made. For detailed information please read the appropriate sections in the description of the changes.

3.4 Known problems

3.4.1 Installation abort with not sufficient folder authorization

Since the default permission for a shared folder has been changed starting from Windows XP and Windows 2003 (from group "Everyone" = Full Control" to group "Everyone" = Read), the installation breaks off with an error (PVER.PAR), if the authorization was not enhanced (to at least "Everyone" = Change).