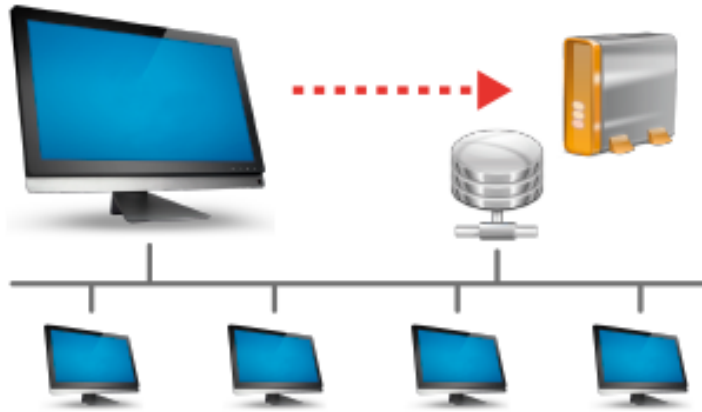




## User Profile Central - User guide for remote backup and restore of user profiles.



# USER PROFILE CENTRAL

What is **User Profile Central** or “UPC” as we call it?

UPC is an easy way to manage User Profiles over network. Simply put UPC can back up any User Profile from any PC to a network share and restore it to another PC, or even to another User Profile on the same, or another, PC.



## Contents

User Profile Central - User guide for remote backup and restore of user profiles.....1

Prerequisites to run User Profile Central:.....2

1. Windows versions:.....2
2. Account with extensive access:.....2
3. Allow Remotely running PSEXEC commands.....2

Initial Setup .....3

1. The UPC Tools folder location.....3
2. What Migration User Account (MUA) to use.....3
3. User Profile Store root Folder - UNC path only! .....3

Backing up User Profiles.....4

Restoring User Profiles.....6

Restore Prerequisites:.....6

1. Restoring to AD User Profiles.....6
2. Restoring to Local Profiles.....6
3. Restoring a Domain Profile account to a local Account.....6
4. Restoring a local Account to another Local Account .....6

Change storage Folders.....8

Change Migration User Account .....9

Change Advanced USMT settings .....10

Logging .....11

Do not remove .....11

### Prerequisites to run User Profile Central:

1. **Windows versions:**  
User Profile Central only works on Windows 7, 8, 8.1 and Windows 10 (in both directions! ☺)
2. **Account with extensive access:**  
User Profile Central (UPC) is mainly designed for working with PC's on an Active Directory, utilizing AD features, but CAN be used in a workgroup environment.
  - In any case You will need a powerful Domain or Local user that:
    - a. is Local Administrator on all PC's
    - b. has remote access to the system partitions on the PC's (\\pcName\c\$)
    - c. has access to the "UPC tools folder" (explained on page 2)
    - d. AND has access to the chosen Network storage location for the User Profiles (see page 2)
 We call this the MUA - the Migration User Account –
3. **Allow Remotely running PSEXEC commands**  
To run USMT on remote PC's with UPC, UPC must have access to run remote commands on all PC's.



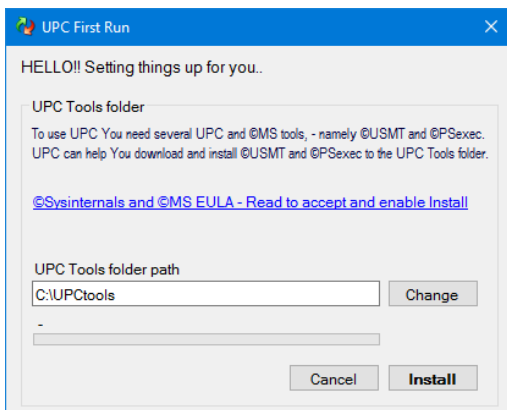
## Initial Setup

First, we go over the initial setup of User Profile Central (Hereafter UPC).

At first startup after the installation, you will need to make some initial decisions:

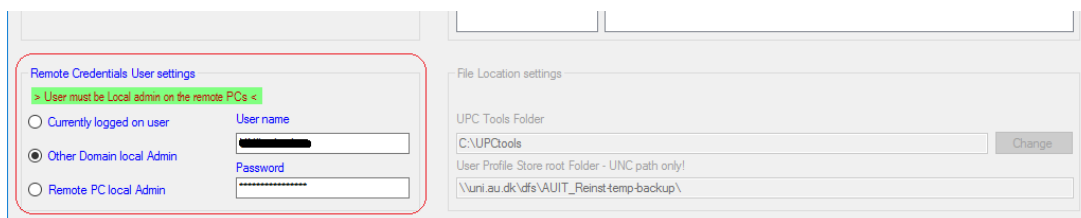
### 1. The UPC Tools folder location

Decide where you would like to store the UPC Tools folder. For simplicity, store it locally!  
(The Migration User Account (MUA) you plan to use (see §2 below) must have Read access to that folder. So if you decide to use another account than the one you login with, you must ensure that the MUA has access rights to the folder.



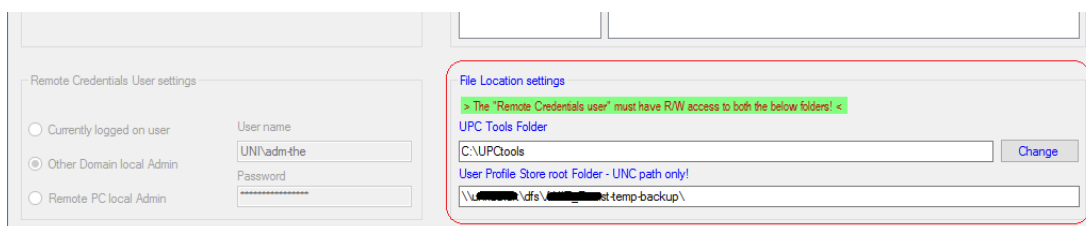
### 2. What Migration User Account (MUA) to use..

You can of course just use the user you login with, provided that the account has the rights mentioned in the Prerequisite (see page 2). But as it is considered bad practice logging into the Administration PC's with such an account, UPC offers the option of running under another Account than the one logged on.



### 3. User Profile Store root Folder - UNC path only!

Decide the NETWORK location where you would like to store the User Profiles.  
The UPC store MUST be entered as an UNC path. In the format ([\\servername\share\optional folder](#)).  
And again, the user selected in step 2 above must have Full access to the folder and subfolders.

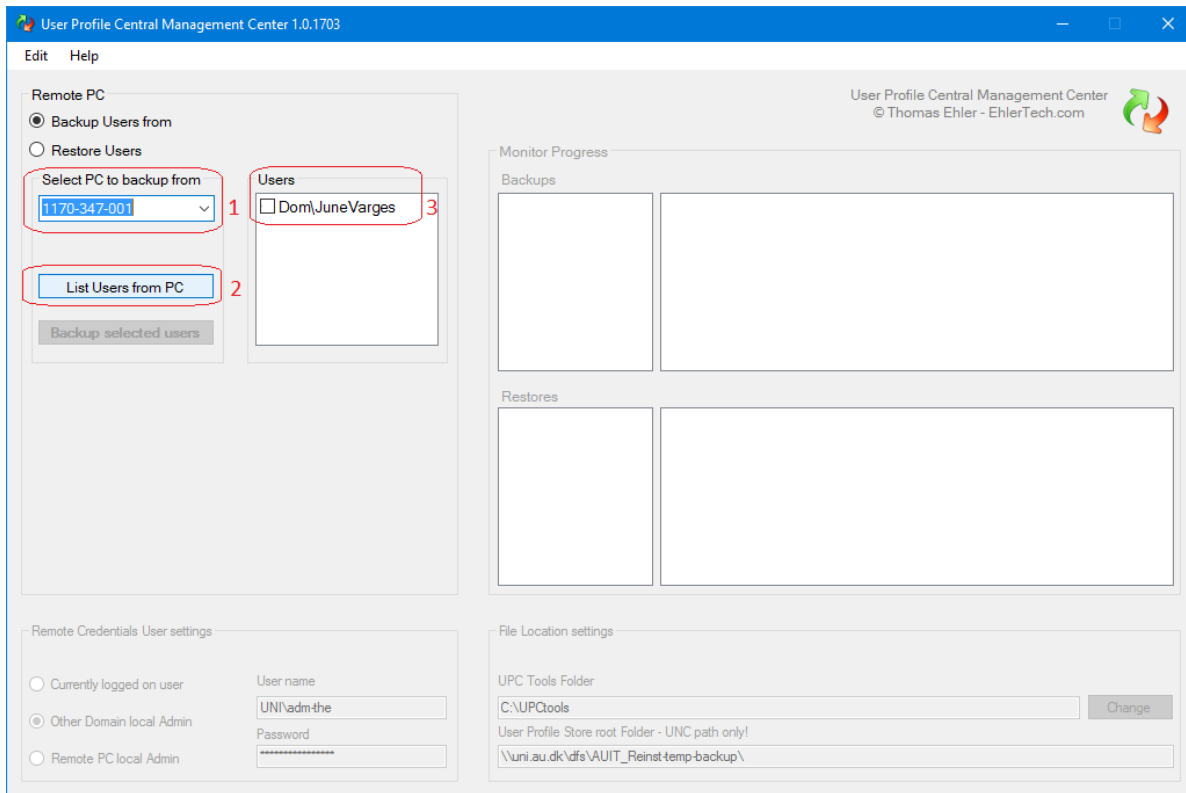


To modify any of the above at a later state, please see the chapters:  
**Change storage Folders** and **Change Migration User Account**

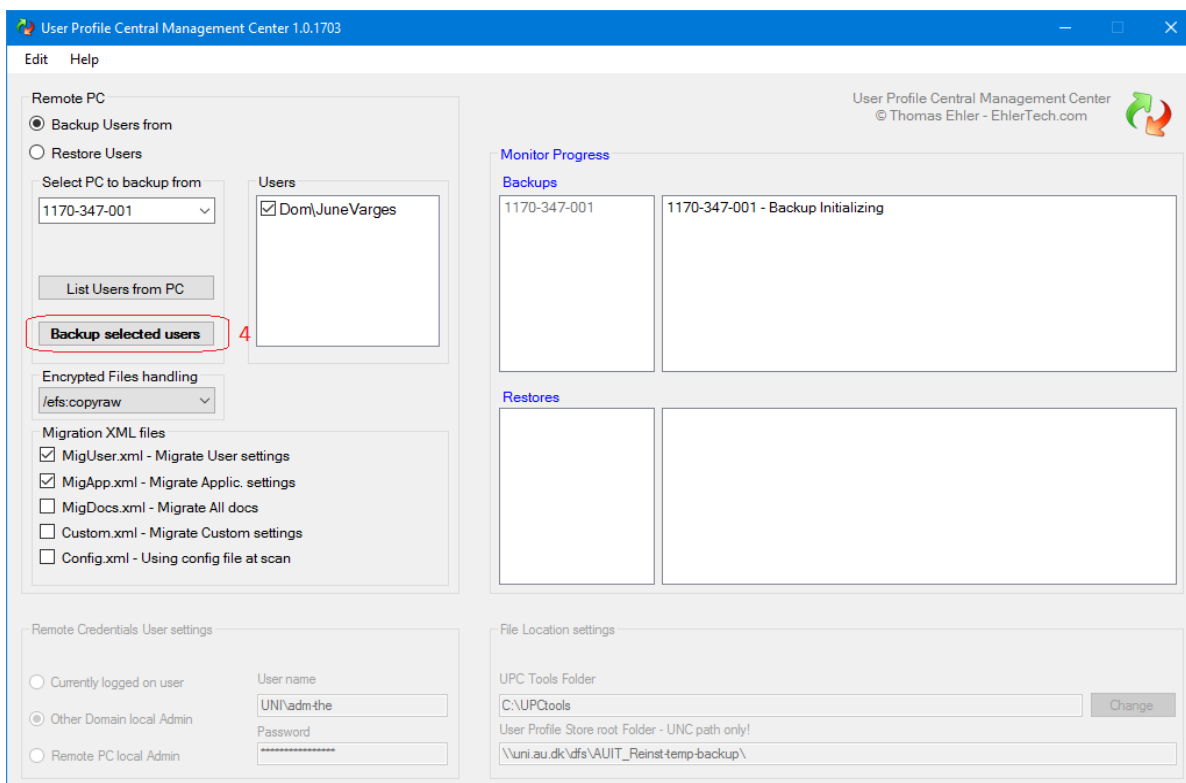


## Backing up User Profiles

To backup one or more User profiles from a PC, type or select the PC from the “Select PC to backup from” listbox, and click “**List Users from PC**”. (The remote process starts and takes 20-40 seconds to finish.) UPC will now attempt to access the remote PC and remotely fetch a list of users on the PC.



Select the User or Users and click “**Backup Selected users**”. Again be patient for 10-20 seconds. After the Backup Process has started after another 20-40 seconds the Monitor will start showing the process.





# User Profile Central Management Center 1.0.1703 User guide

The backup time will of course depend of the User Profiles size and Network speed.  
(The process can be monitored in the Progress monitor but is in reality running on the remote PC. In other words it is independent of UPC and will finish correctly even though you close UPC)

The screenshot shows the 'User Profile Central Management Center 1.0.1703' application window. The interface is divided into several sections:

- Remote PC:** Includes radio buttons for 'Backup Users from' (selected) and 'Restore Users'. A dropdown menu for 'Select PC to backup from' is visible, along with 'List Users from PC' and 'Backup selected users' buttons.
- Migration XML files:** A list of checkboxes for migration options: 'MigUser.xml - Migrate User settings' (checked), 'MigApp.xml - Migrate Applic. settings' (checked), 'MigDocs.xml - Migrate All docs' (unchecked), 'Custom.xml - Migrate Custom settings' (unchecked), and 'Config.xml - Using config file at scan' (unchecked).
- Remote Credentials User settings:** Radio buttons for 'Currently logged on user', 'Other Domain local Admin' (selected), and 'Remote PC local Admin'. Fields for 'User name' (UNI\adm-the) and 'Password' are present.
- File Location settings:** Fields for 'UPC Tools Folder' (C:\UPCtools) and 'User Profile Store root Folder - UNC path only!' (\uni.au.dk\dfs\AUIT\_Reinst-temp-backup\).
- Monitor Progress:** A section with 'Backups' and 'Restores' sub-sections. The 'Backups' section shows a table with two entries: '1170-347-001' and '1170-347-001 - Backup running at 47%'.

This screenshot shows the same application window as above, but the backup process is now complete. The 'Monitor Progress' section shows the 'Backups' table with the entry '1170-347-001 - Backup completed Successfully'.



### Restoring User Profiles

User Profiles can be restored to another PC, to another User Profile on the same PC or even to another User Profile on another PC.

#### Restore Prerequisites:

1. **Restoring to AD User Profiles**

When restoring to an AD User Profile the User **a)** *must* be present with an active account on that AD, **b)** the PC MUST be joined to that AD, and **c)** *cannot* have an existing profile on the target PC.

- So, do NOT logon with the target user, on the target PC prior to restoring!

In the event of c) delete the Profile through Advanced System Settings

2. **Restoring to Local Profiles.**

When restoring to a local User Profile, USMT will by default attempt to create the local account when restoring the profile. If already present, preferably delete the Profile through Advanced System Settings before restoring, or deselect the "Create- and Enable Local Accounts"

3. **Restoring a Domain Profile account to a local Account**

To restore a *Domain account* to a *local account*, just enter the Target PC name in the "Move to new Domain" input box and the local user name in the "Change username" input box.

- see §2 above

4. **Restoring a local Account to another Local Account**

5. To restore a *Local account* to *another local account name*, just enter the Target PC name in the "Move to new Domain" input box and the *new* local user name in the "Change username" input box.

- see §2 above



To restore one or more User Profiles, select the PC and Backup set from where the user was backed up:

User Profile Central Management Center 1.0.1703

Edit Help

Remote PC

Backup Users from

Restore Users

Select PC backup

1170-347-001

Backup set

2017-06-09

List Users from PC

Backup selected users

Users

Dom\JuneVargès

3

2

1

Monitor Progress

Backups

1170-347-001

1170-347-001 - Backup completed Successfully

Restores

Select PC to restore to

Local User account(s)

Create Local Account(s)

Enable Local Account(s)

Restore selected Users

Remote Credentials User settings

Currently logged on user

User name

UNI\adm-the

Other Domain local Admin

Password

\*\*\*\*\*

Remote PC local Admin

File Location settings

UPC Tools Folder

C:\UPCtools

Change

User Profile Store root Folder - UNC path only!

\\uni.au.dk\dfs\AUIT\_Reinst-temp-backup\

Select the User Profile or Profiles to restore and select the PC to restore to:

(To be able to restore a User Profile to *another User Profile*, please only select one at a time)

User Profile Central Management Center 1.0.1703

Edit Help

Remote PC

Backup Users from

Restore Users

Select PC backup

1170-347-001

Backup set

2017-06-09

List Users from PC

Backup selected users

Users

Dom\JuneVargès

4

5

Monitor Progress

Backups

1170-347-001

1170-347-001 - Backup completed Successfully

Restores

Move to new Domain

Domain

Change Username

Username

Select PC to restore to

1231-224-001

Local User account(s)

Create Local Account(s)

Enable Local Account(s)

Restore selected Users

Remote Credentials User settings

Currently logged on user

User name

UNI\adm-the

Other Domain local Admin

Password

\*\*\*\*\*

Remote PC local Admin

File Location settings

UPC Tools Folder

C:\UPCtools

Change

User Profile Store root Folder - UNC path only!

\\uni.au.dk\dfs\AUIT\_Reinst-temp-backup\

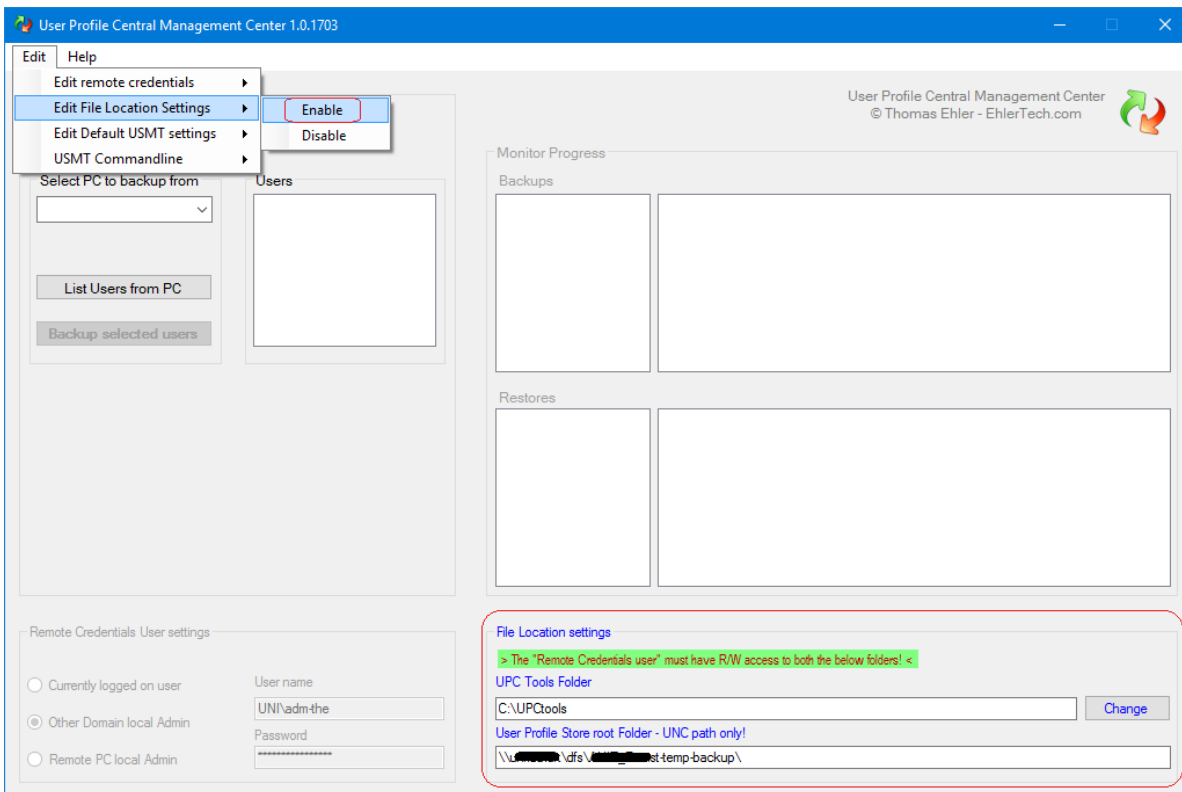


## Change storage Folders

To change Storage locations please enable the *File Location settings*..

Be aware that if you change the location of the *UPC tools folder* the Migration User account must have access to that folder AND you must manually move all folders, from the old tools folder, to the new location.

Likewise if you change the *User Profile Store* root folder..



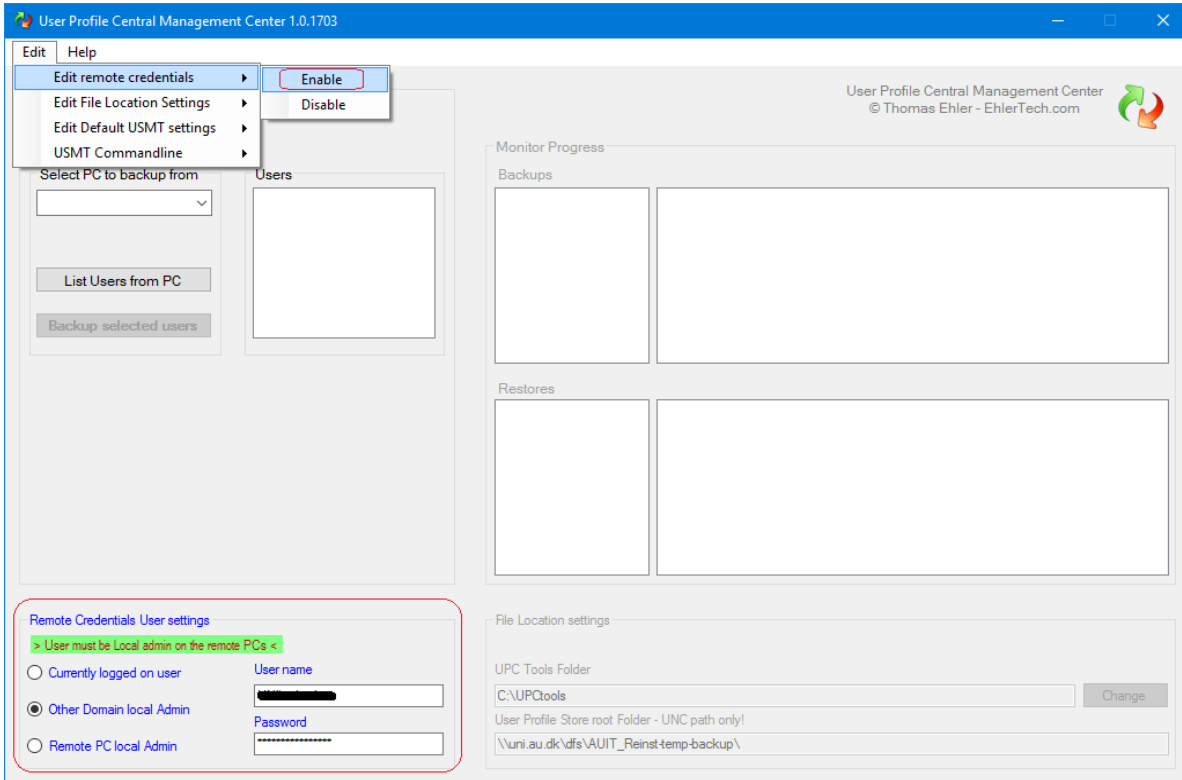




## Change Migration User Account

To change the Migrations User Account please enable the *Remote Credentials User settings* as shown below.

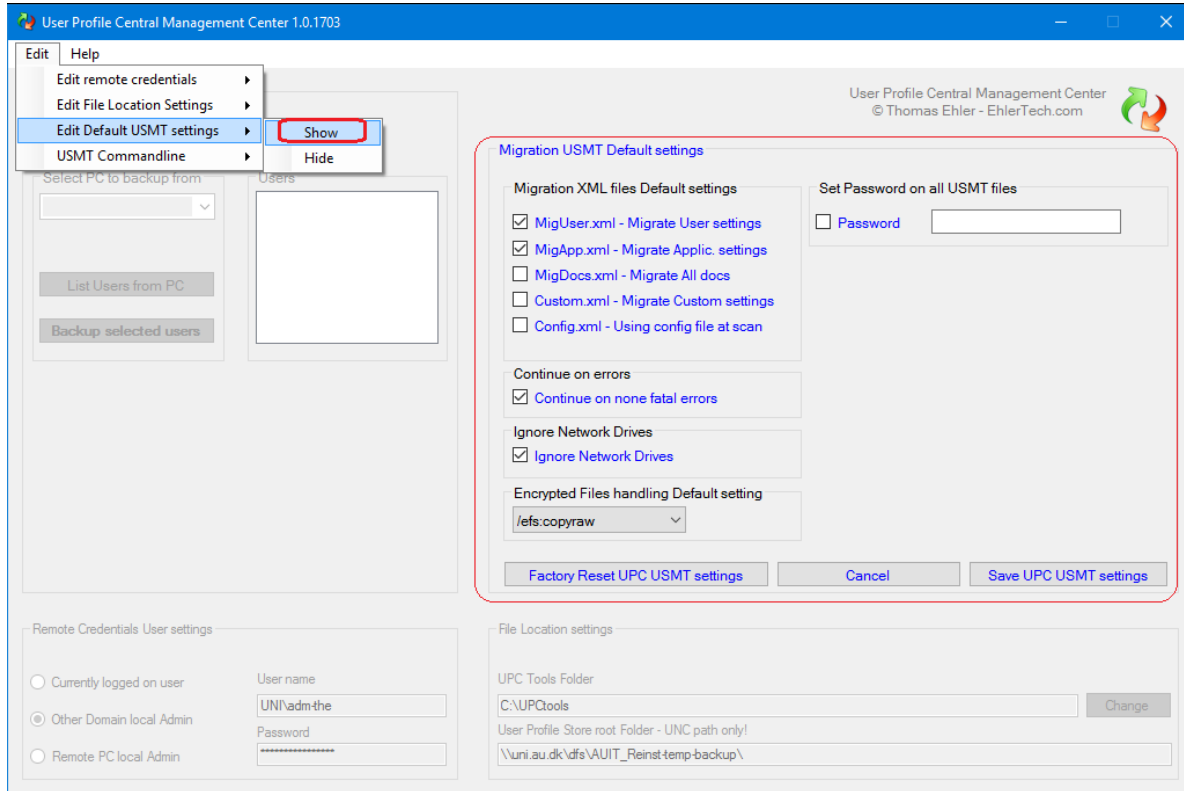
Be aware that if you change the Migrations User Account the new Migrations User Account **MUST** have access to the *UPC tools folder* and full access to the *User Profile Store* root folder AND be local Admin on all PC's.



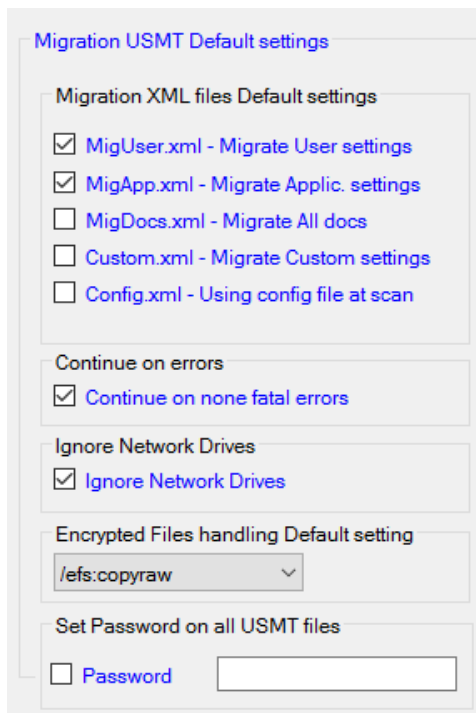


## Change Advanced USMT settings

To change Advanced USMT settings please enable the *Migration USMT Default settings*



Here more complex USMT settings can be changed.



A custom MicDocs.xml file can be used instead of the Miguser.xml

A Custom.xml and Config.xml file can be used by adding it to the UPC Tools - USMT\_x64\_v10 and USMT\_x86\_v10 subfolders.

The Default, ignoring none-fatal errors, can be disabled.. (Don't)

The Default, Not backing up network drives, can be disabled.. (Don't)

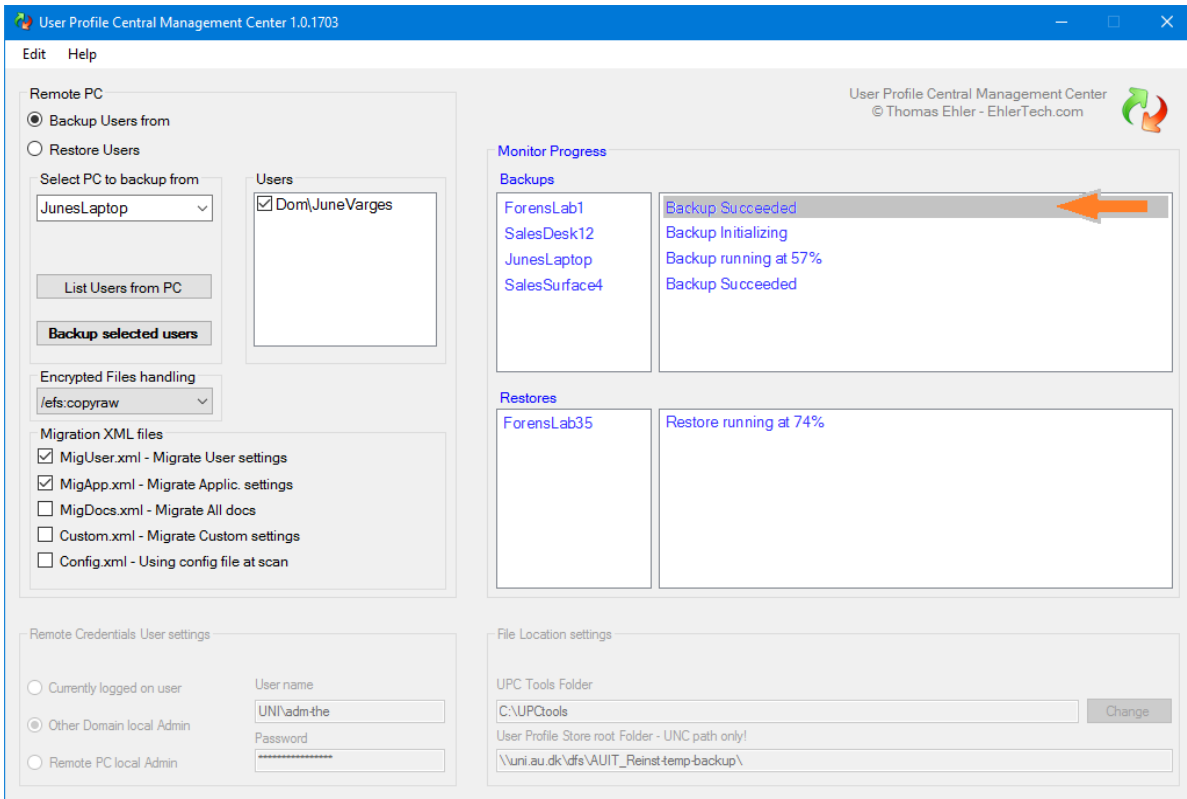
Encrypted files handling can be modified.

THE USMT.mig backup files can be encrypted with a password. It's fine. Just don't loose the password..



## Logging

By simply Double clicking the line for a PC, UPC opens the Primary backup- or restore log.



## Do not remove

In the storage library additional logs are found, including the *USMTuserlist.txt*.

Do not remove these files or alter content in the *USMTuserlist.txt* and the XML files.