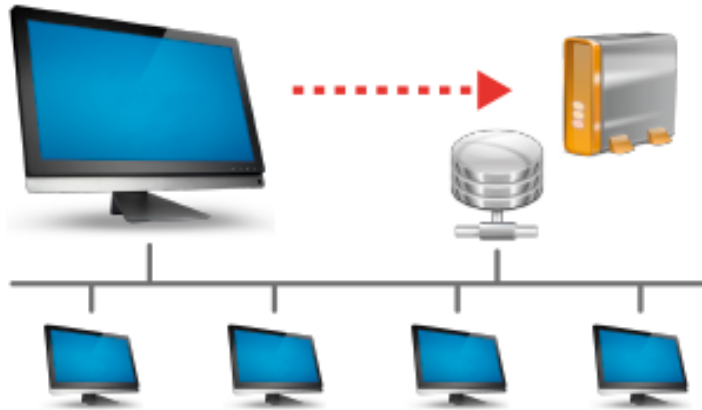




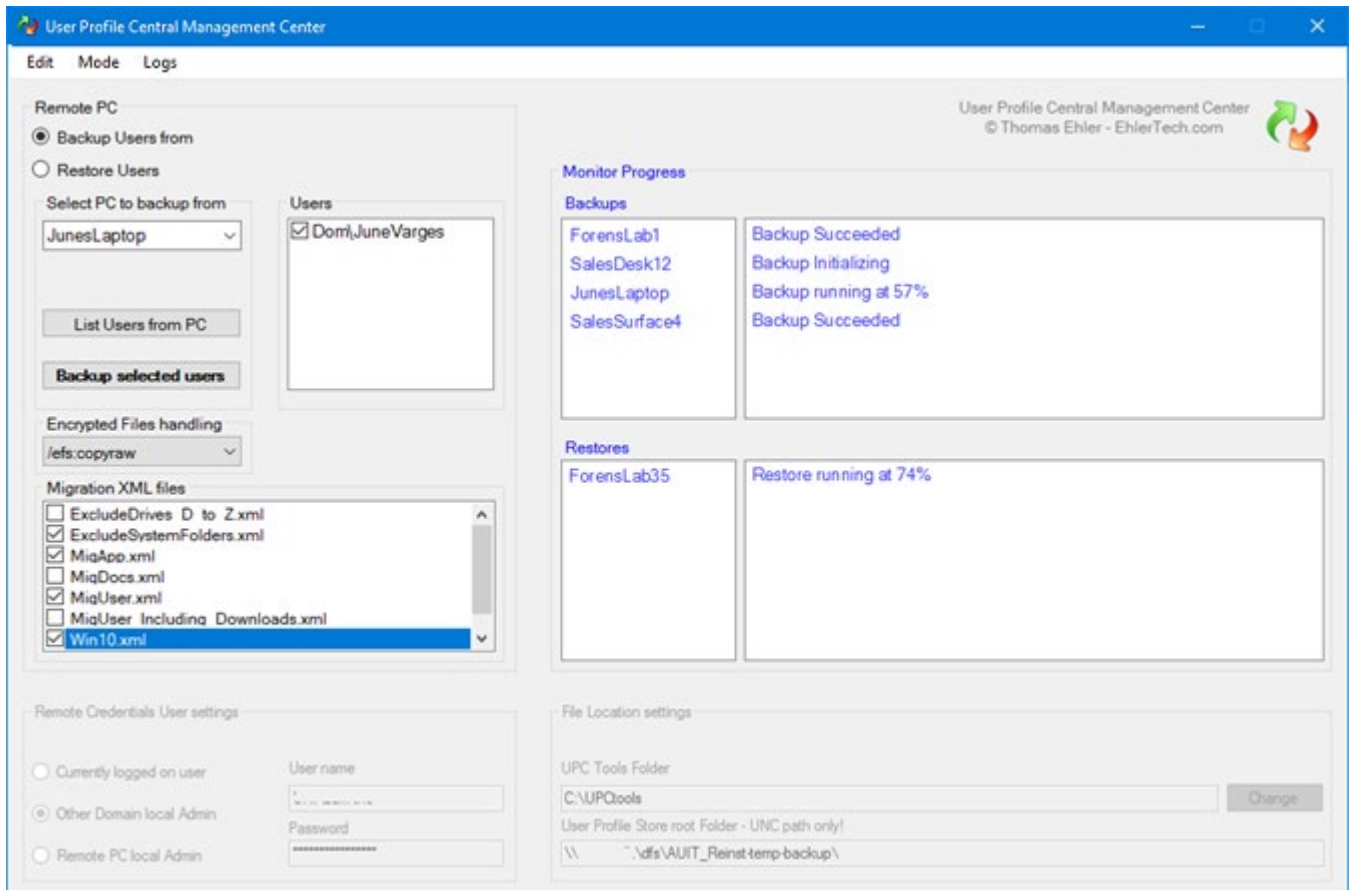
User Profile Central - User guide for remote backup and restore of user profiles.



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.





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Prerequisites to run User Profile Central:

1. **Windows versions:**

User Profile Central only works on Windows 7, 8, 8.1, 10 and Windows 11 (in both directions! 😊)

2. **UPC should be installed on a Windows 10 or 11 PC.**

Install UPC on a Workstation. Not a server.

Note: The migration job is started by UPC, but runs locally on the PC where the User Profile resides, and therefore UPC can be run from one or more Windows 10/11 workstations simultaneously.

3. **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 3)

d. AND has access to the chosen Network storage location for the User Profiles (see page 3)

We call this the MUA - the Migration User Account –

4. **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.

5. To use Tranxition ©Migration Manager with UPC, see [Running Tranxition Migration Manager with UPC](#).



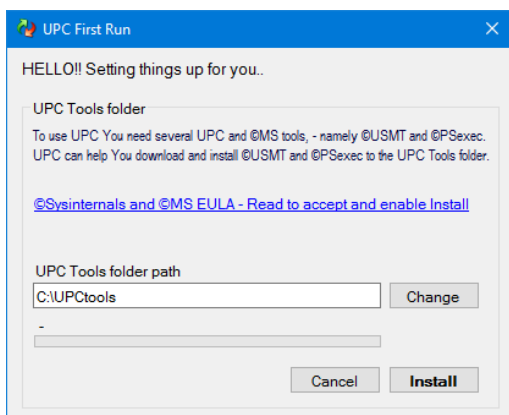
Initial Setup

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 and speed, store it locally!

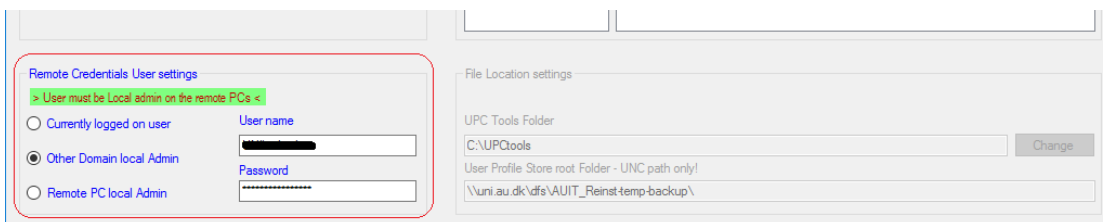


2. What Migration User Account (MUA) to use..

You can of course just use the user you login with, if the account has local Admin rights on all PCs.

But as it is considered bad practice logging into the Administration PC's with such a powerful account, UPC offers the option of running under another Domain account than the one logged on:

Note: That user must be local Admin on all PCs you intend to access with UPC



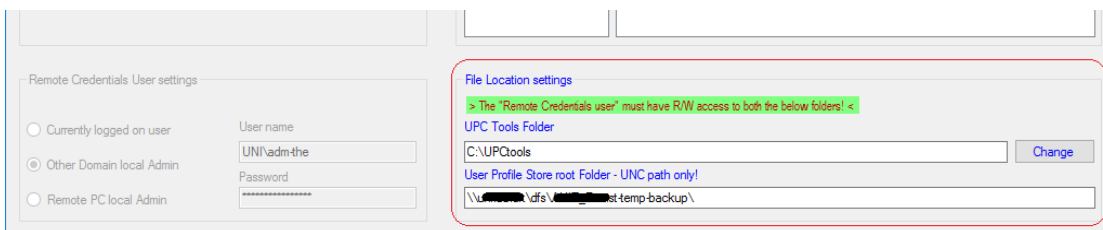
3. User Profile Store root Folder - UNC path only!

Decide the NETWORK location where you would like to store the User Profiles.

The UPC store MUST be entered as an UNC path ([\\servername\share\optional folder](#)).

- The reason is simple. We do not want to mount a drive from each PC we access 😊

And again, the user selected in step 2 above must have Full access to the folder and subfolders.



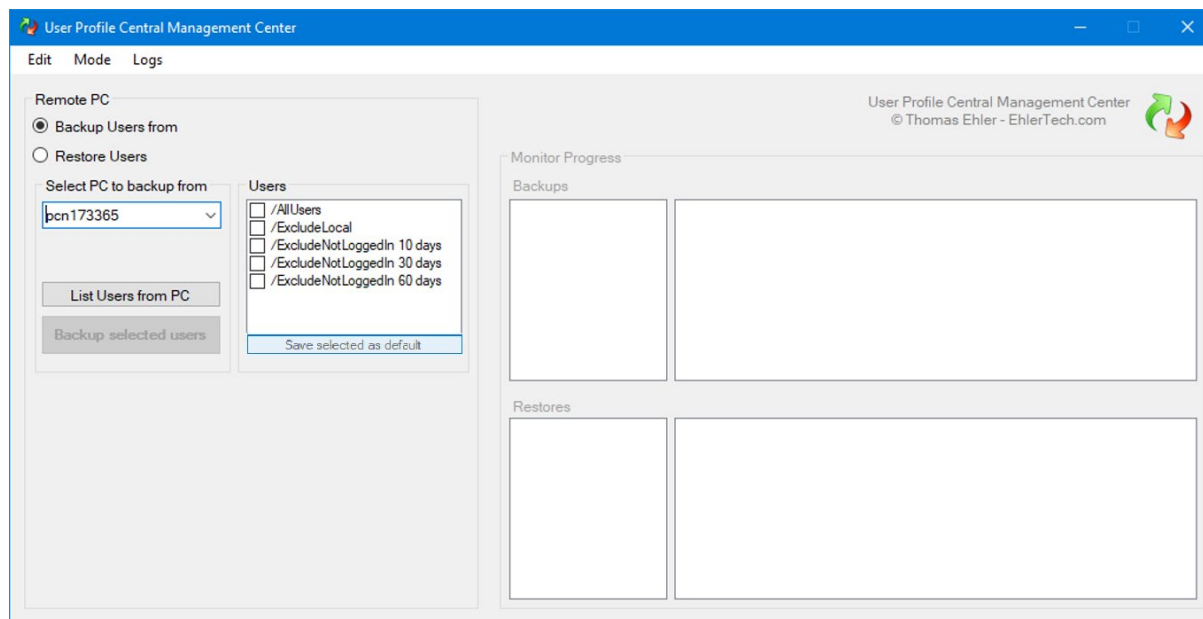
To modify any of the above at a later state, please see the chapters:

Change storage Folders and **Change Migration User Account**



Backing up User Profiles

To backup Users from a PC, select/type the PC name in the “Select PC to backup from” listbox.



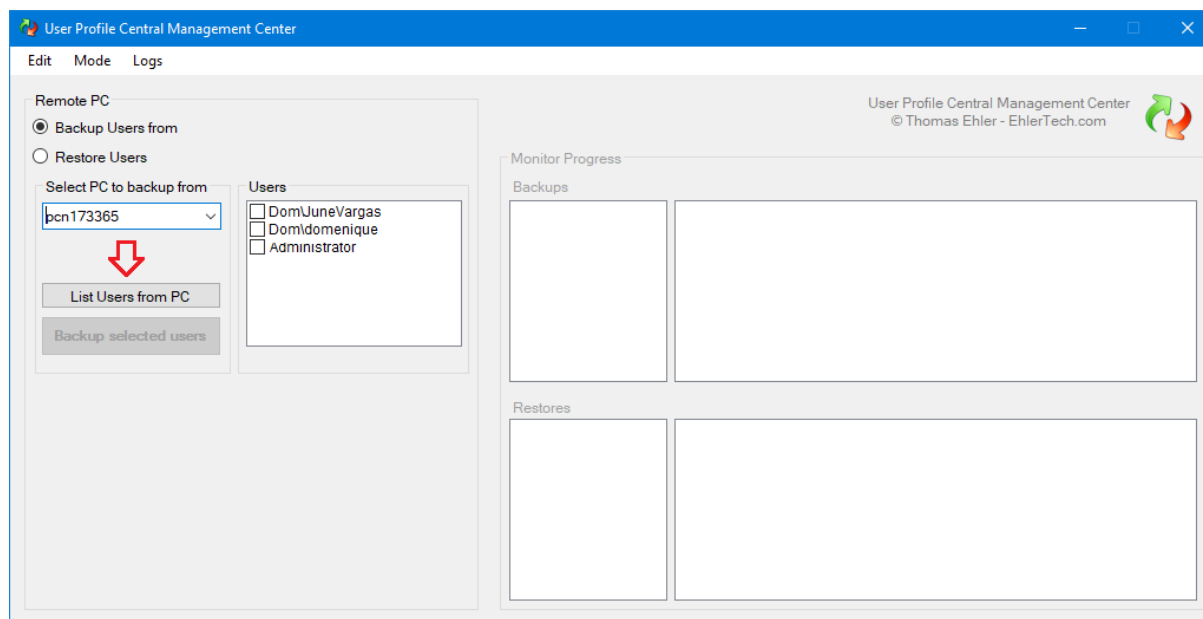
You will, right away, be presented for a range of backup options:

- /All Users simply includes all local - and domain user
 - /ExcludeLocal include all Domain profiles but skip any local account e.g. “Administrator”
 - /ExludeNotLoggedIn 10 exclude any user that has not been logged in for 10 days
 - /ExludeNotLoggedIn 30 exclude any user that has not been logged in for 30 days
 - /ExludeNotLoggedIn 60 exclude any user that has not been logged in for 60 days
- Select one or more options (and perhaps “save selected as default”).

Backup specific User Profiles

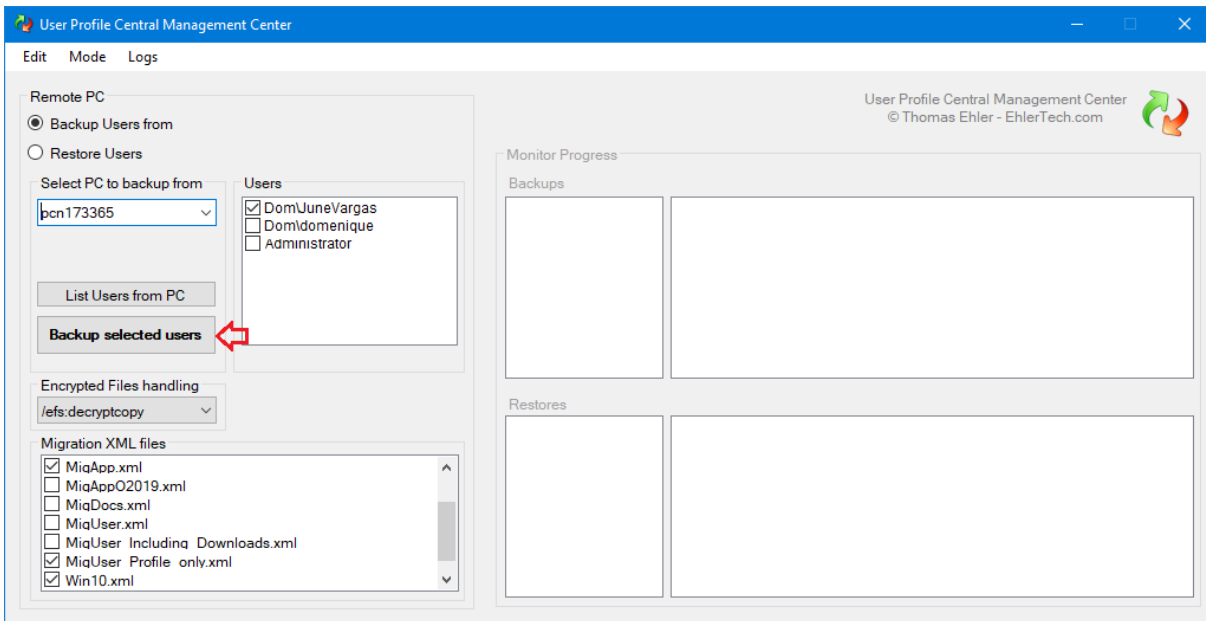
If instead you want to select specific user(s), click “**List Users from PC**”.

UPC will now access the remote PC and fetch a list of users on the PC. (takes about 20 seconds...)

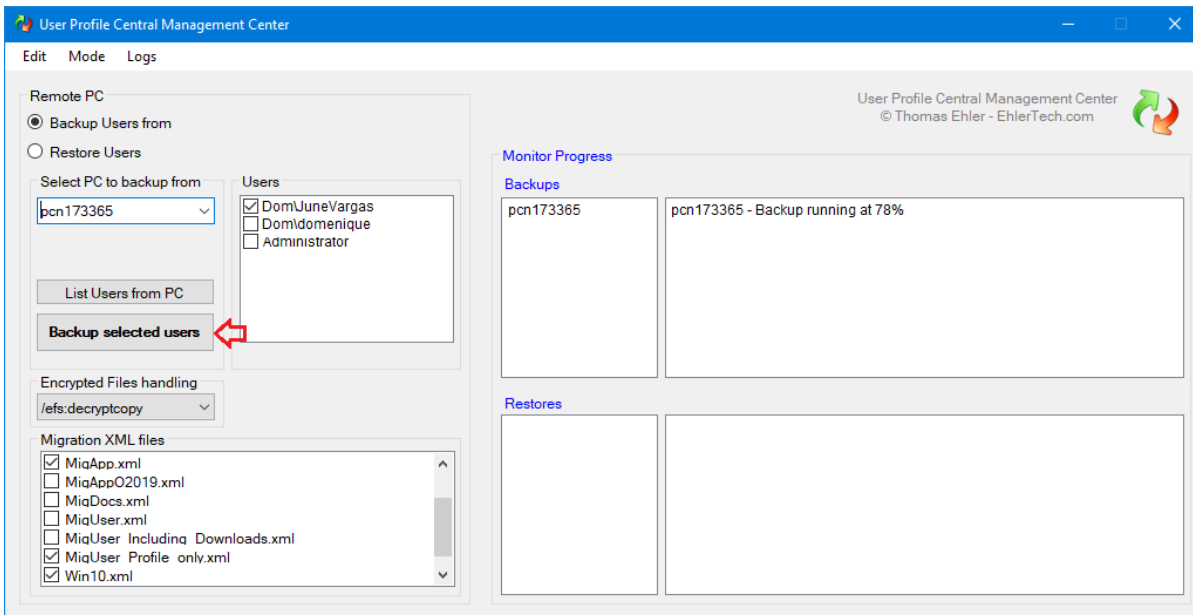




Select the User or Users and click “**Backup Selected users**”. Again be patient for 10-20 seconds.



After the Backup Process has started, after another 10-20 seconds the Monitor will start showing the process.



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.



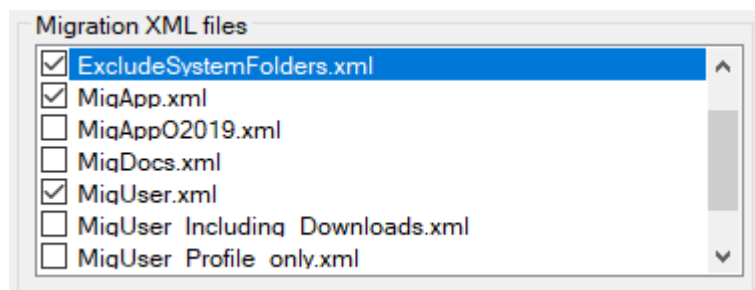
Backup optimization

The backup time will of course depend of the User Profile(s) size and Network speed.

But more important USMT has the ability to scan the whole system or parts of it, which takes time.

MigUser.xml will do a thorough scan outside the user profiles for a list of known document types.

MigDocs.xml will do a thorough scan outside the user profiles for **all** known document types. Big backups!



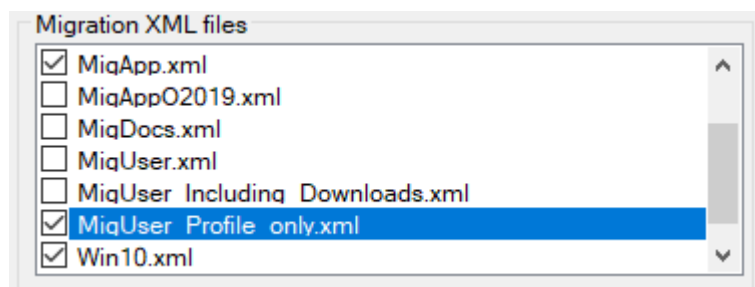
Recommendation:

A lot of redundant document files, from all over the drive, for programs etc. may be collected.

When using **MigUser.xml** or **MigDocs.xml** it is therefore recommended to also use **ExcludeSystemFolders.xml**

Backup speed optimization using MigUser_Profile_Only.xml

To optimize for speed you can choose to ignore anything outside the users profiles, using **MigUser_Profile_Only.xml**



This has two advantages as USMT will not spend time searching through the drive and of course there will be less data.

BE AWARE

In case the user has data outside the user profile, data will *not* be backed up.

XML Documentation

See more about the EhlerTech XML files in the [XML Functions guide](#)



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) *At best* does not have an existing profile on the target PC.

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

In the event of c) you can delete the Profile through *Advanced System Settings* on that specific PC.

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

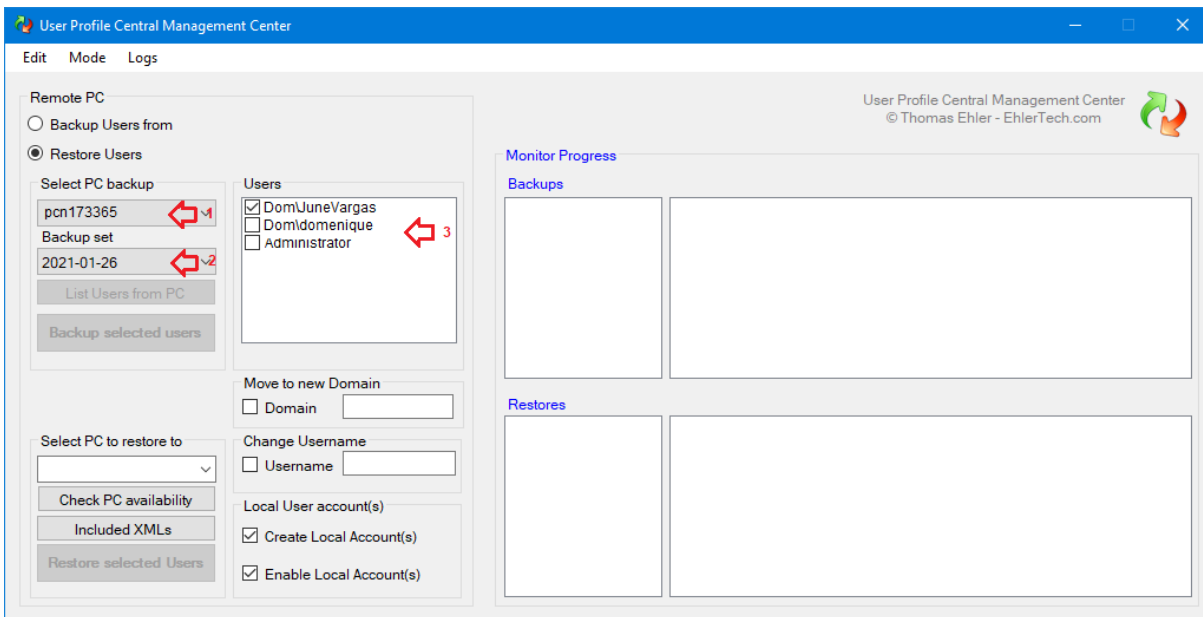
4. Restoring a local Account to another Local Account

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

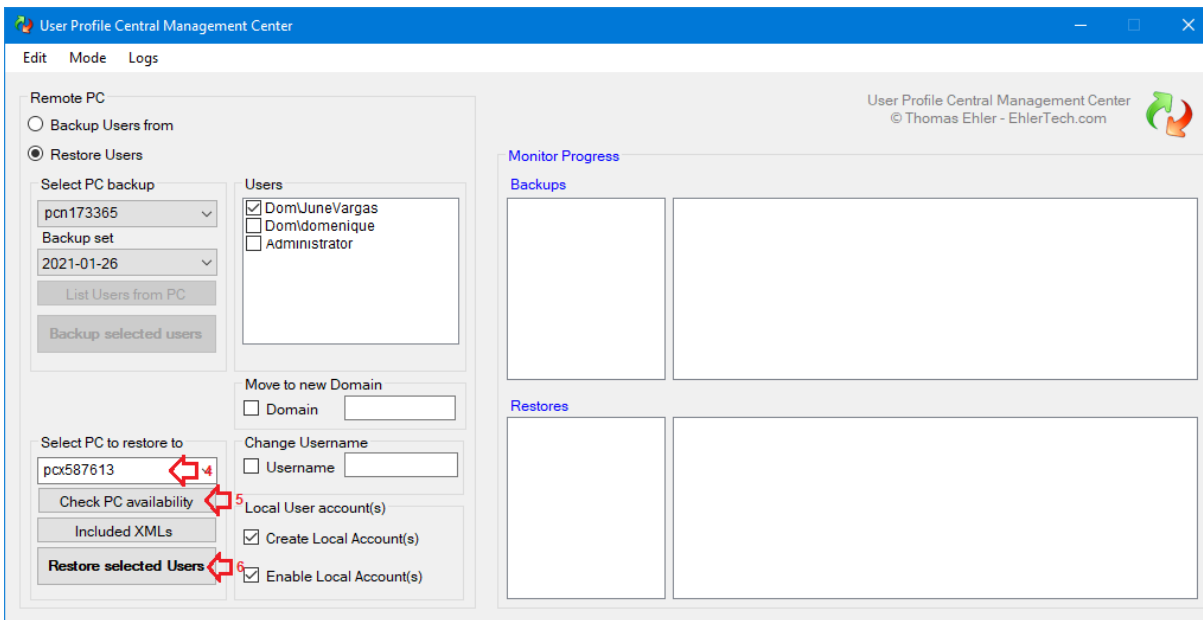


1. To restore one or more User Profiles, select the source PC and backup set from where the user was backed up
2. backup set from where the user was backed up
3. Select the User Profile (or Profiles) to restore



4. Select the PC to restore to
5. Click on “Check PC availability” to update UPC on the target PC’s Windows version.
6. Start Restore

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



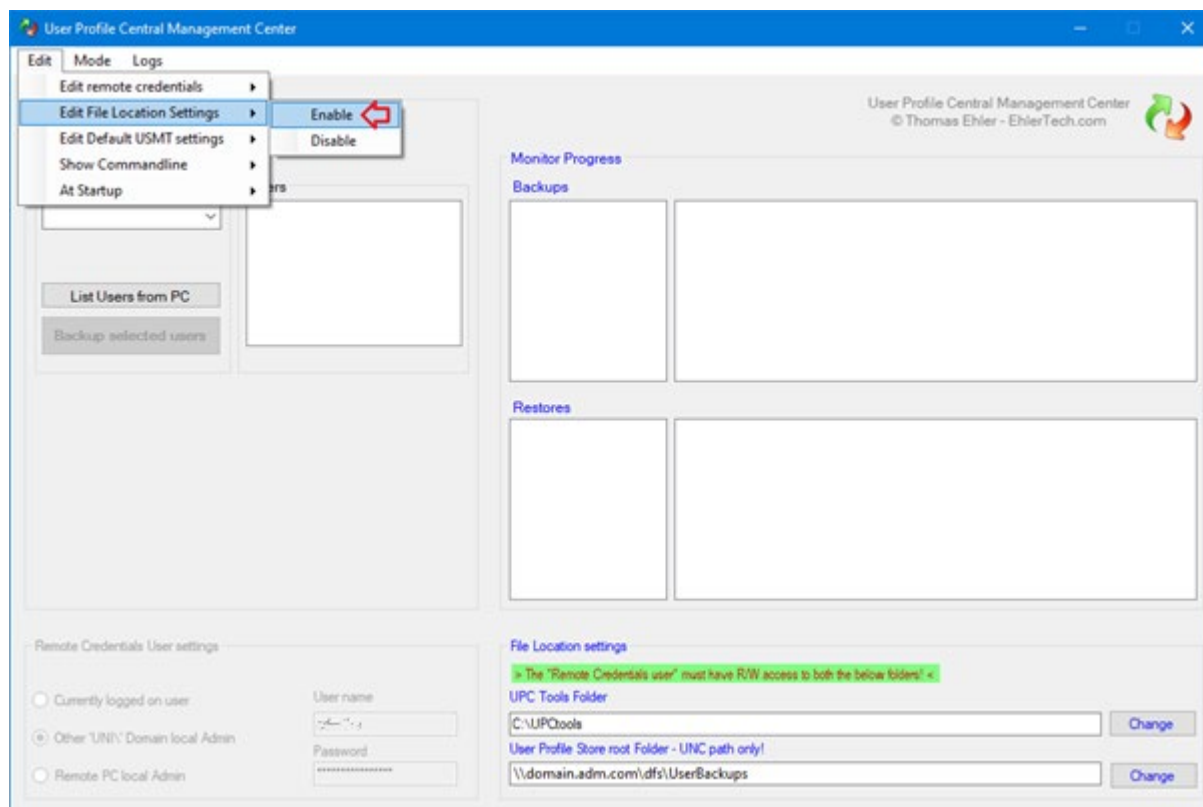


Change storage Folder location

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..

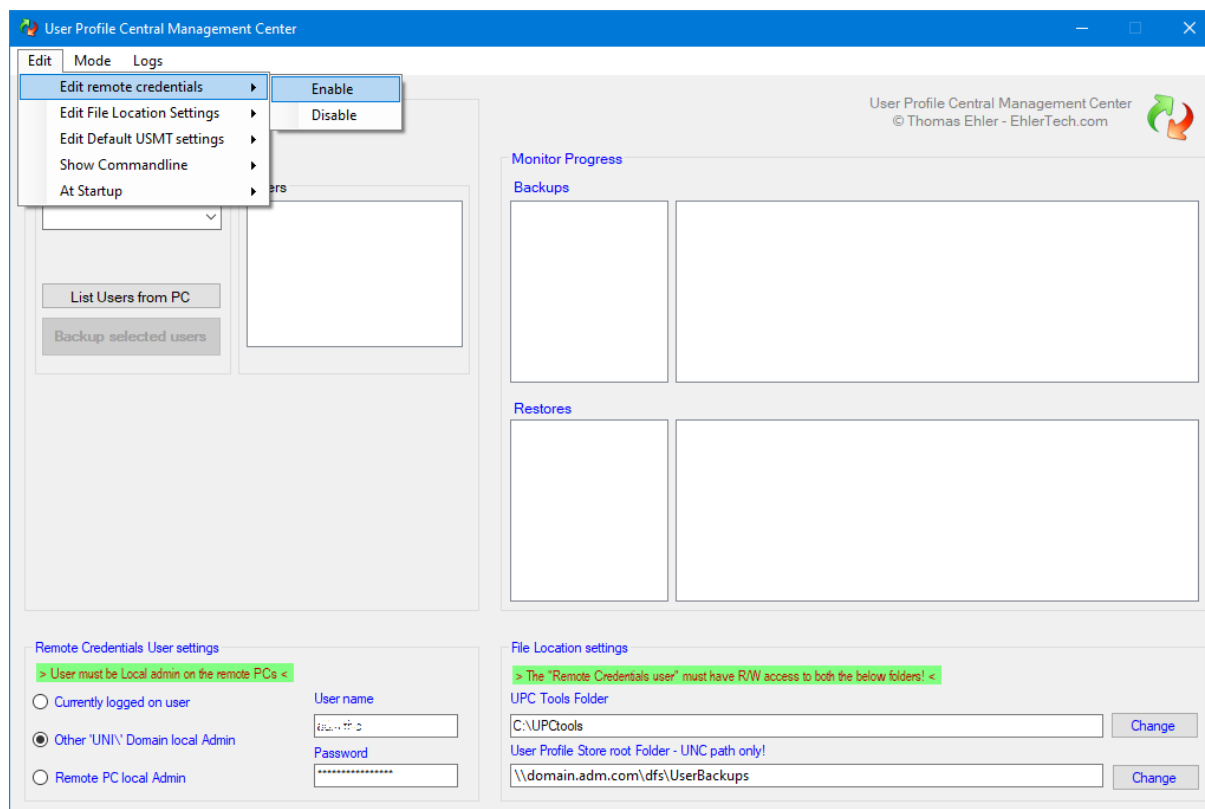




Change Migration User Account

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

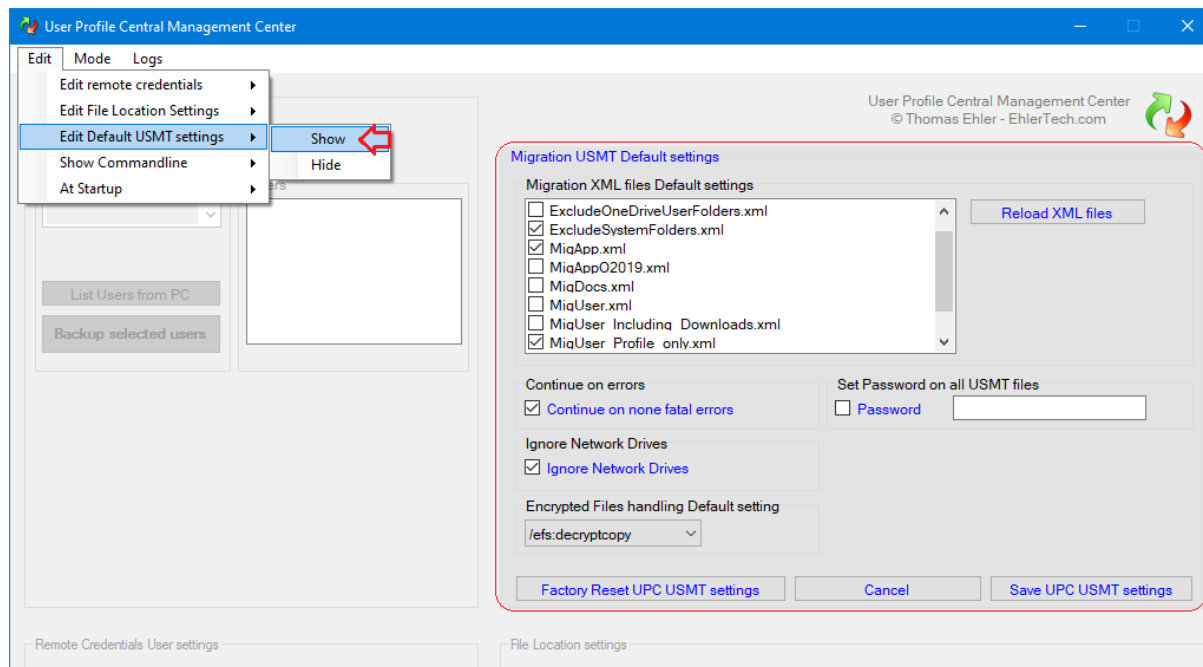
Be aware that if you change the Migrations User Account the new Migrations User Account **MUST** have access to the *UPC tools folder* and full access to the *User Profile Store* root folder AND be local Admin on all PC's.





Change Advanced USMT settings

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



Adding Custom XML's

Here more complex USMT settings can be changed.

The **MigUser_Profile_Only.xml** or **MicDocs.xml** file can be set default instead of the **Miguser.xml**. Note that **MigDocs.xml** creates bigger backups as it scans the whole disk for *all* registered filetypes, whereas **Miguser.xml** only scans for more common document types. Using **ExcludeSystemFolders.xml** along with **Miguser.xml** and **MigDocs.xml** is highly recommended.

MigUser_Profile_Only.xml grabs all documents inside the user profiles but does *not* scan the rest of the disk. Hence **MigUser_Profile_Only.xml** is very fast and creates smaller backups.
- However make sure your users does not store important documents outside their user profile

Any *Custom.xml* and *Config.xml* file can be used by adding it to the UPCTools - *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.

Recommended: **Decryptcopy** decrypts with the known key before copying, preventing data loss.

THE USMT.mig backup files can be encrypted with a password.

It's fine. Just don't lose the password..



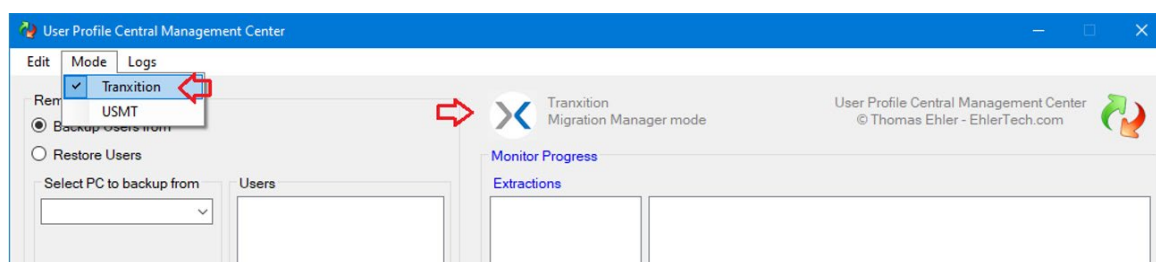
Running Transition Migration Manager with UPC

From release 2.1.2009 of UPC, UPC supports TMTransition ©Migration Manager for extractions and Injections.

Most functions in UPCs user interface are the same. Only UPC utilizes the power of ©Migration Manager.

How to setup UPC to run with TMTranxitions ©Migration Manager:

1. Acquire a perpetual license through TMTranxition.
2. Install and activate ©Migration Manager on a PC.
3. Now copy the entire C:\Migrationmanager *folder* (not just the content) over to the \\User Profile network store root folder\ you selected when configuring in Initial Setup.
4. Now, under the menu **Mode** shift to **Transition**

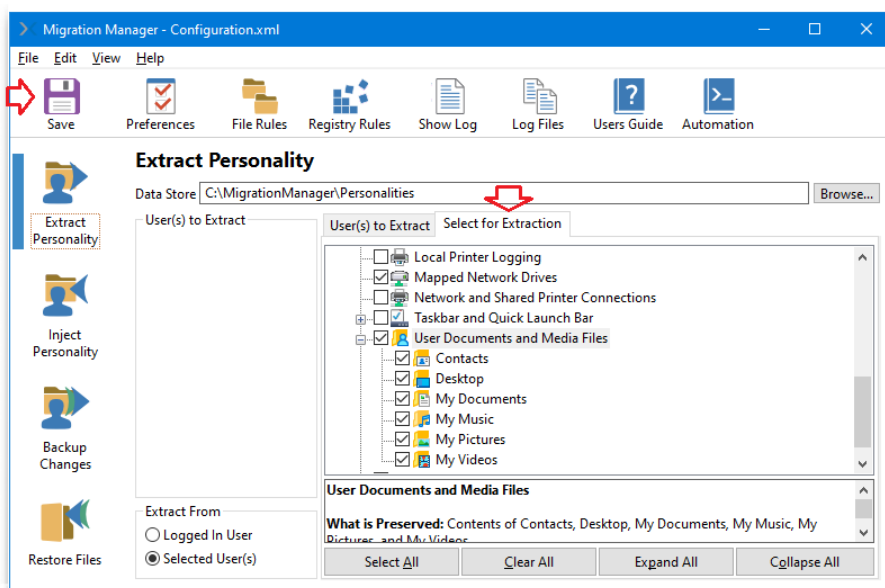


Setting Migration Manager backup options

Backup options with TMTranxition ©Migration Manager are handled through configuring “Configuration.xml”

Setup Migration Manager with the file- and settings options you need and save to Configuration.xml or another optional config xml.

All config xml files placed in the \\User Profile network store root folder\Migrationmanager\ will be selectable from within UPC when initiating an extraction. The same config xml will be auto-selected at injection.



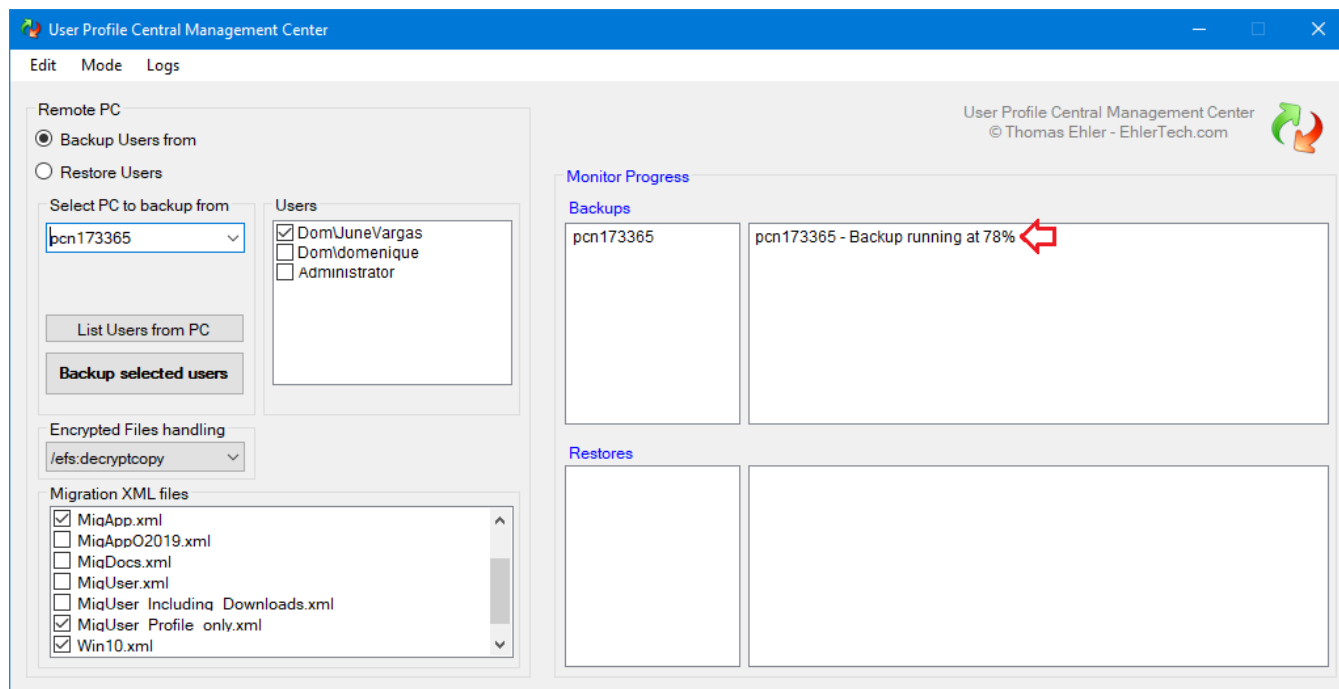
Please consult the TMTranxitions [configuration guide](#) for setting up ©Migration Manager.

Note: Ignore user selections. They are controlled with UPC, as are the storage location!



Logging

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



Monitor consistency improved

The UPC log monitor has been completely rewritten and is now multi-threaded.

Offline consistency

UPC now retains full overview even when closing or restarting UPC.

If closing/restarting UPC the running and finished backups/restores, running while UPC was closed, will be reloaded into the Monitor, showing current status (still running or completed).

Do not remove any log or xml files at the storage folders

In the storage libraries additional logs are found, including the *USMTuserlist.txt* (If user detection was used)

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

EOF.