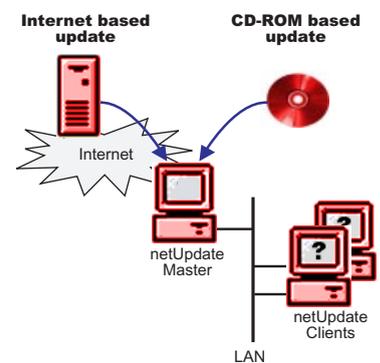


netUpdate *help*



Introduction *what is it?*

The netUpdate package consisting of 3 cooperating programs (netUpdate_master, netUpdate_client, and netUpdate_daemon) brings other software packages in the local area network (LAN) up-to-date by a mouse click. After the start netUpdate runs over 10 steps to analyze, download, distribute, and install new files in the LAN. This allows for an on-demand update and ensures to always run the most recent versions of all programs being under the surveillance of netUpdate. The source of the new files is either a CD-ROM or dedicated servers in the Internet. Since security is of major concern these days, several safe guards on various levels have been built into netUpdate to ensure protection towards potential intrusions.



How to start *netUpdate*



If the primary installation was done correctly, then a small icon in the tray container (right bottom corner) signals the readiness of the netUpdate package, that is all netUpdate_daemons are standby. To start the update process one either double click onto the icon or right click the icon and select "Start NetUpdate".

If for any reasons the icon in the tray is not shown then choose "Programs>netUpdate>netUpdateDaemon" from the desktop menu to start the daemon. Thereafter proceed as described above. Please note that (under normal conditions) the executable netUpdate_daemon.exe should be started upon system start by placing an alias into the start-up folder (this is initially done by the installer).

10 steps to an *up-to-date system*

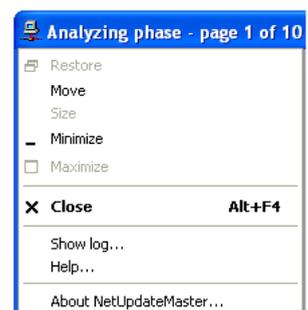
Once the netUpdate process is triggered the first of a maximum of 10 windows will be shown (see figure on next page). Window 1 is the main switchboard for controlling the update process, the remaining windows serve mainly as an information and progress source.

A click onto the left upper icon of each window reveals 3 utility menus, namely

Show log... opens a separate window with a log trace of what is going on. In the case of a severe error, the log window is opened automatically to reflect the error state.

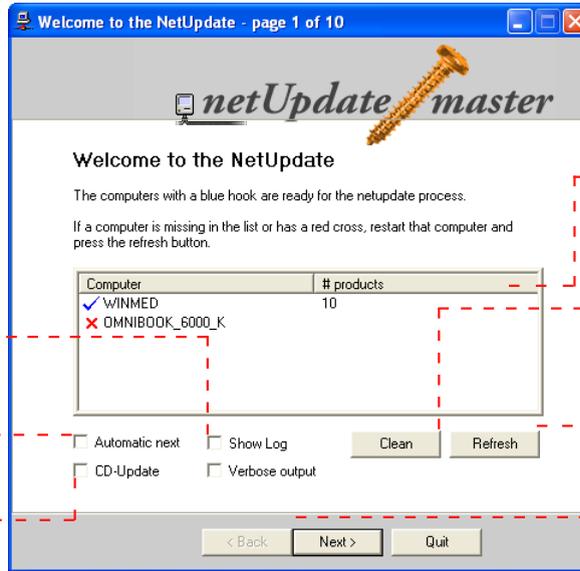
Help... opens a PDF file with this help text.

About... gives some information about the program.



Window 1 of 10: Start

In this first window all active netUpdate hosts are displayed. If one of the hosts is not reachable the a red cross is shown left to the name. Under these circumstances check out that host and possibly start it then press the "Refresh" button to update the host list. While not mandatory one should always upgrade all hosts! If the "next" button is clicked while there are still hosts missing an appropriate message is displayed. After conforming that message the missing hosts are not considered as updateable in the current run.



Displays the number of "products" known to the netUpdate package. These products are all updateable by netUpdate.

Press the "clear" button to forcefully empty the local netUpdate cache. This is seldom needed.

Press the "refresh" button to update the list of hosts

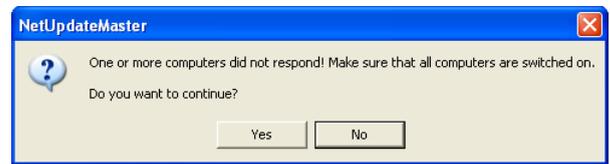
Press the "next" button to proceed one step or "quit" to exit netUpdate

If selected, netUpdate shows the log window. The log window can be display by using the menu list as well.

If selected, netUpdate does proceed to the next window automatically

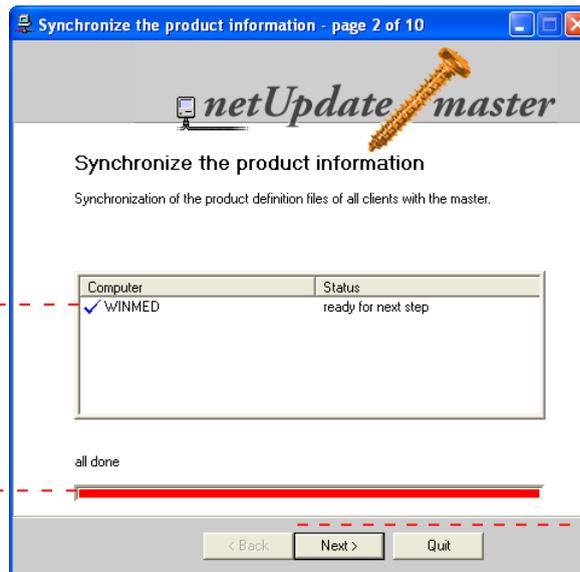
If selected, netUpdate read all information from a CD. You are asked to select then ^netUpdate.html file on the CD root.

Note that the window message shown to the right is popping up if not all hosts known to the netUpdate master are available . If pressing the "OK" button the netUpdate proceeds to the next step. Clicking onto the "No" button resumes at window 1 allowing for a further host "Refresh" (see above).



Window 2 of 10: Synchronize

In this second window all products of all attached clients (hosts) are synchronized regarding the known products



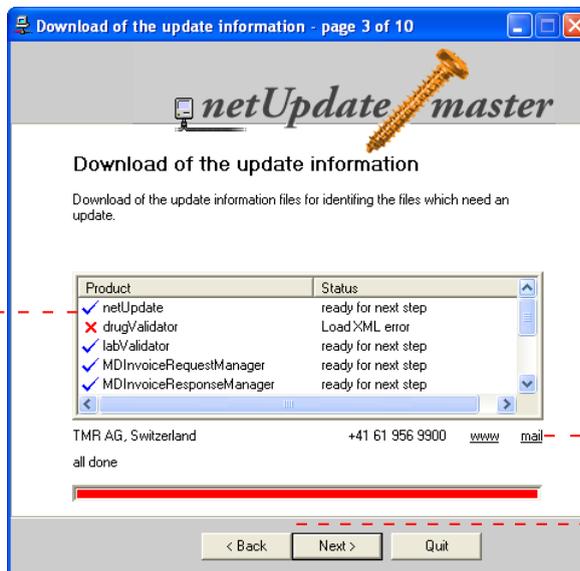
Press the "next" button to proceed one step or "quit" to exit netUpdate

List shows all active hosts and their status regarding the status of the products synchronization

The bar shows the process within the current task. If the task is finished there is a notice "all done" displayed above.

Window 3 of 10: Data collector

In window 3 the actual update information are collected from the update source (CD or Internet site).



Displays minimal contact information about a product (company, phone, website, email)

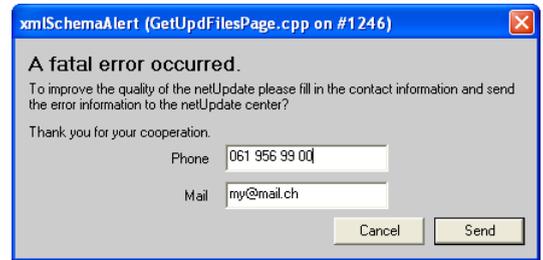
Press the "next" button to proceed one step or "quit" to exit netUpdate

Shows the status of the information gathered for that product. An OK mark means download successful. A red cross mark means unsuccessful download or an error occurred. The status field will then show an error reason, the log window will automatically pop up and a contact window will appear (see below). Products with a red cross mark will be discarded in all following steps.

Talkback quality agent

If there are any errors/problems in collecting the necessary update information for a product then the "talkback quality agent" window is shown. Please fill in your phone and/or email address and click onto the "send" button. By doing so dumb information, error codes, and program stack data about the running netUpdate software is propagated back to the software maintainer (TMR AG) and if necessary the product maintainer. This talkback agent serves as an improvement utility for the netUpdate package.

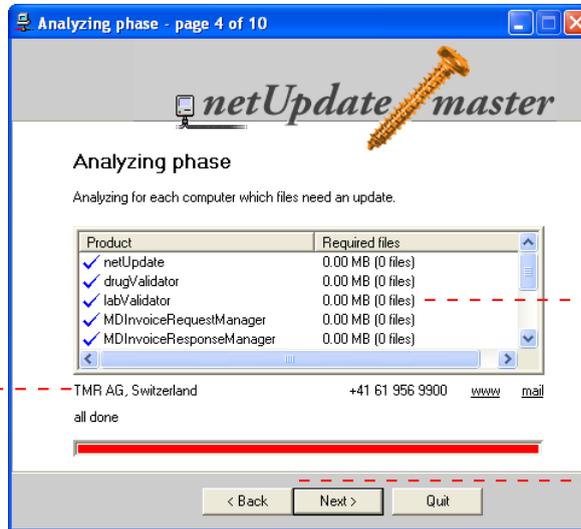
Please note that we do under no circumstances collecting private information from your host nor do we save any of your personal contact information. It is solemnly used for having a contact possibility should there be any need to do so.



Window 4 of 10: Analyze

Since all information about possible updates of a product are downloaded, the individual files per product that need an update are analyzed in this step.

Displays minimal contact information about a product (company, phone, website, email)



The number of required files and resulting MBytes that need an update are displayed per product

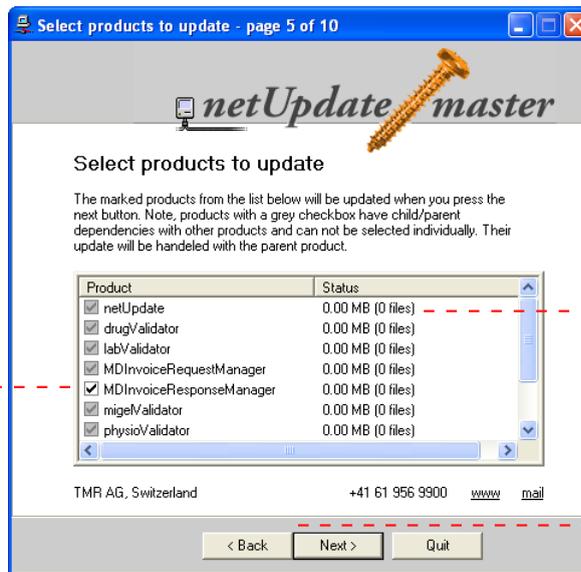
Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 5 of 10: Update selection

In window 5 all needed updates per product are shown again together with the possibility to defer the update by deselect the checkbox.

Please note that certain products can not be deselected independently as these modules have a dependency to other products (such a product can only be updated together with the "main" product)

Only products without child/parent dependencies can be deselected



The number of required files and resulting MBytes that need an update are displayed per product

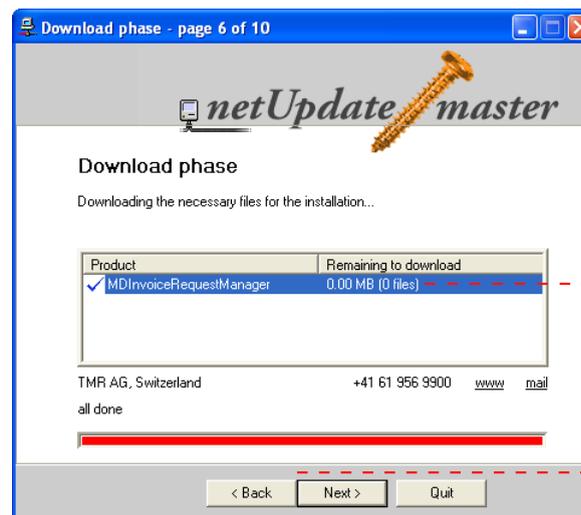
Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 6 of 10: Download

In step 6 all necessary files are downloaded.

Please note that the last window (cf. window 10) is shown directly if there are no files that need an update.

Please note as well that all data is held in the local cache once step 6 has finished. No further Internet access is needed thereafter.



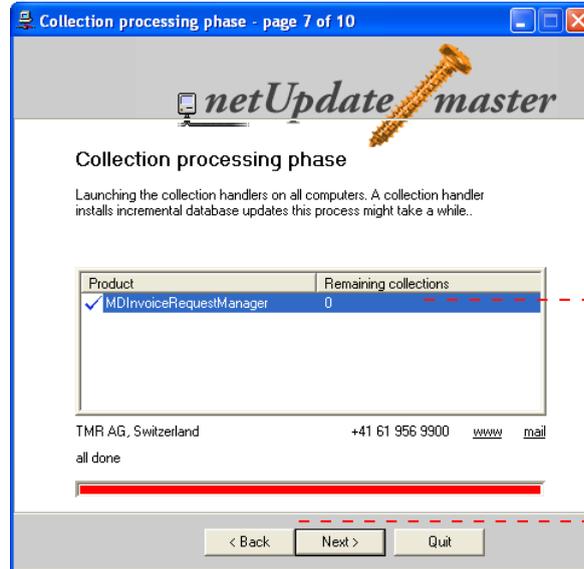
Displays the progress by showing the remaining files to download

Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 7 of 10: Collection handler

Window 7 starts the collection processing. Collections are a feature of the netUpdate package to update large amounts of data e.g. databases by incremental updates in order to save time and network bandwidth.

Please note that such an incremental update might need some time to finish!

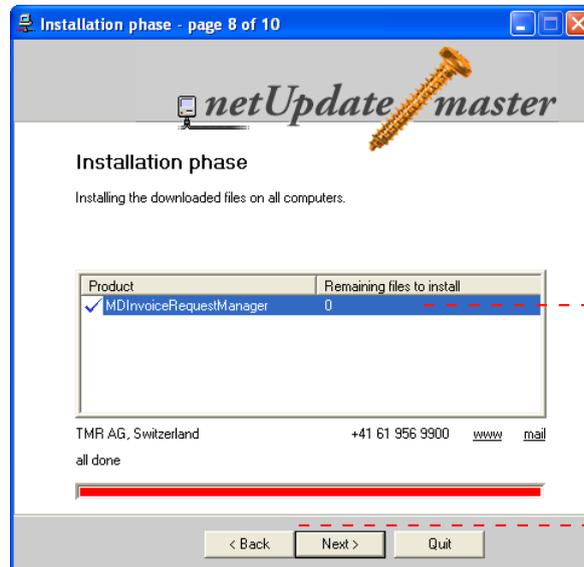


Displays the progress by showing the remaining collections to process

Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 8 of 10: Installation

Eventually step 8 covers the actual installation of the downloaded files on all attached client hosts.



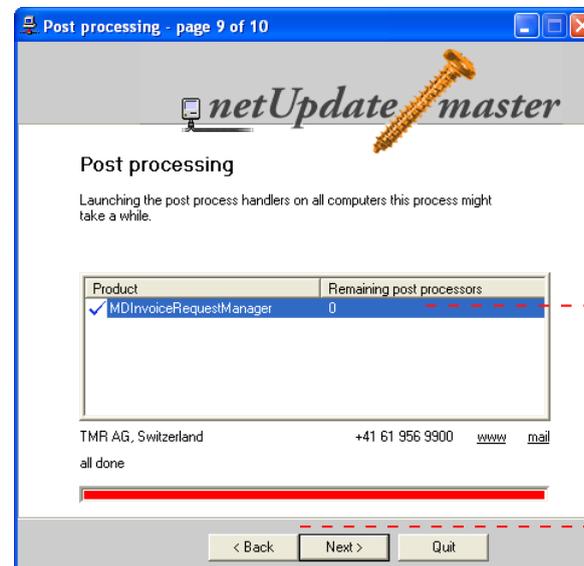
Displays the progress by showing the remaining files to install

Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 9 of 10: Postprocessing

After installing all necessary files on the clients the requested post processor handlers are started on the clients. An optional post processor allows to finish an upgrade by e.g. make registry entries or the like.

Please note that such an post processor might need some time to finish!



Displays the progress by showing the remaining post processors to start

Press the "next" button to proceed one step or "quit" to exit netUpdate

Window 10 of 10: Clean up

In this last window some clean up is performed like deleting temporary files. Then each client host signals back to the netUpdate master if it does need a restart to finalized the installation.

If the checkbox is selected that that host needs a restart. One can manually postpone the restart by deselecting the checkbox. But keep in mind that the installation is not finished if you do so! The installation might even be in an intermediate undefined state regarding the correct behavior of a product.

List of all upgraded hosts. If a host needs a restart then the checkbox is selected

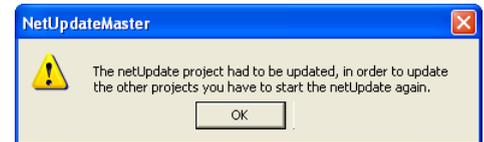


Press the "Finish" button to quit the upgrade. If the restart option is selected the hosts restarts

A special situation occurs if the netUpdate package needs an update as well!

Under this condition from window 5 on only the netUpdate product is considered and processed. All other products are discarded. When reaching the end of step 10 the message window shown to the left are displayed the inform you about that situation.

After a possible restart you should run the netUpdate again to upgrade the remaining installed products. Since the netUpdate product is already up-to-date possible new features are then available.



Operating system requirements

- ▶ Update CD-ROM or Internet access (ADLS/256k is recommended)
- ▶ Windows 2000/XP or higher
- ▶ Ethernet card on each client either LAN or W-LAN based
- ▶ TCP/IP protocol and NetBIOS over TCP/IP enabled
- ▶ For a standalone Laptop without access to an Ethernet "LAN NWLink IPX/SPX/NetBIOS compatible transport protocol" must be installed (cf. www.microsoft.com)

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