

EXCEL IMPORT EXPORT TOOL FOR DATABASE UPDATE

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1. PRELIMINARY NOTES

ALTEC provides a tool which allows the user to update price values and share them with Altec.

The User will be able to modify costs using an Excel sheet. The procedure described in this guide will prevent the User or ALTEC to make changes to the price archive at the same time. This will help to mitigate the possibility of errors with future updates.

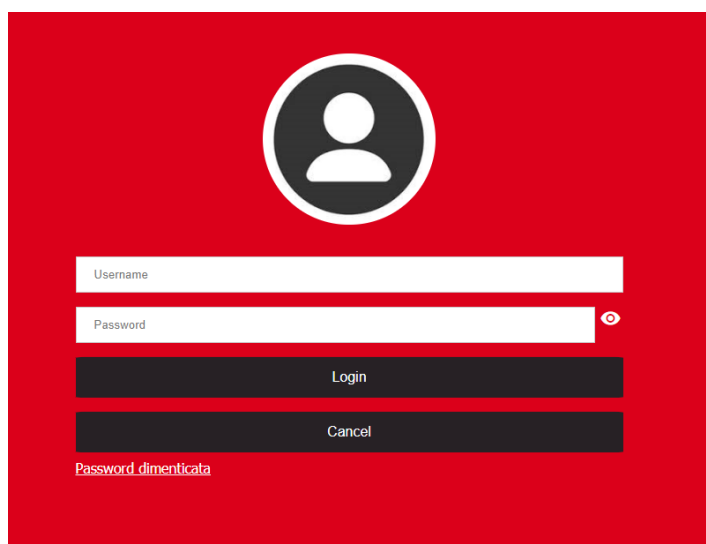
The service is based on a Cloud platform managed by Altec and an Interface tool distributed separately to the CTAPRO software.

An additional feature of the tool is to the possibility to make a price version “public” and automatically update CTAPRO prices to all of your users without the need of a software update.

2. CLOUD SERVICE DATABASE MANAGER

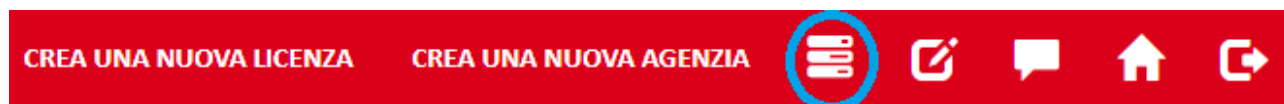
2a. Database management page

Log-in into your License web application at the link: <https://alteclicensemanager.azurewebsites.net/>




The login form is displayed on a red background. At the top center is a white circular icon containing a black silhouette of a person. Below this icon are two white input fields: the first is labeled 'Username' and the second is labeled 'Password'. To the right of the password field is a small eye icon. Below the input fields are two dark gray buttons: 'Login' and 'Cancel'. At the bottom left of the form, the text 'Password dimenticata' is written in a small, light gray font.






In the main page you can find the following button.



It will bring you to the Database manager page where you will be able to monitor the archive sharing status.


DB	Last update	Version	Send request
 Prezzi.mdb	10/29/2021 2:56:30 PM +00:00	53	


The icon shows the status of the archive, while "Version" and "Last update" refers to the latest version available on the cloud


Icon	ID	Status	Description
	0	Download available	ALTEC has made the latest archive version available for download.
	1	Altec uploaded a new db version	ALTEC checked the last shared archive and have re-uploaded it. From now on, it is possible to request again a price change.
	2	Locked by ALTEC	ALTEC have downloaded your shared archive version and is now checking the archive. Status will be soon brought back to Status 1.
	3	In use	The user has downloaded the available version from the cloud and is modifying it with the provided tool.
	4	Shared	User has uploaded a new version, but ALTEC has not downloaded it yet.

2b. Request for new price modification

When in State "1: Altec uploaded a new db version" it is possible to ask for a new price modification.

A new button  will show up, press it and an automatic request will be sent.

DB	Ultima modifica	Versione	Richiedi modifica
 Prezzi.mdb	10/21/2021 9:52:49 AM +00:00	1	

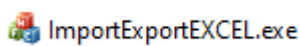
Once received the request, ALTEC will make available latest Cloud version for download and status will change to "0: Download available" .

It is now time to move to the modification tool.

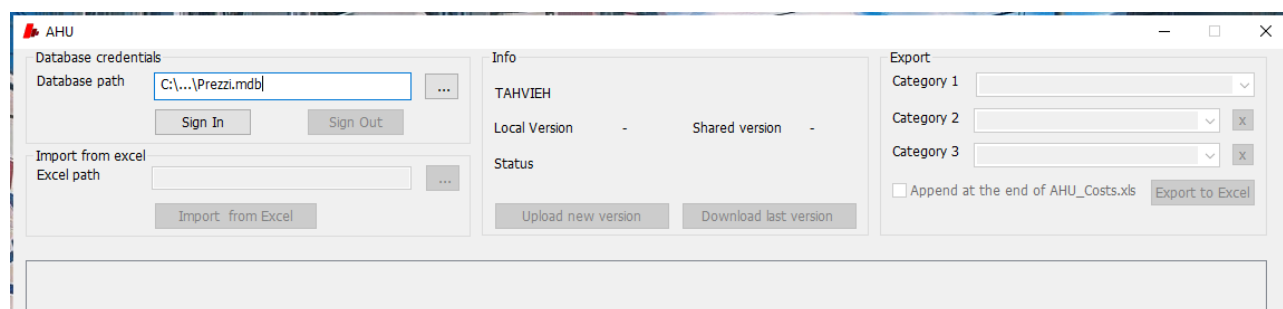
3. DOWNLOAD LATEST CLOUD VERSION USING MODIFICATION TOOL

The tool is distributed within a .zip that must be unpacked into a folder for which you have system rights (Read and write).

Launch the "ImportExportEXCEL.exe" executable inside the folder.

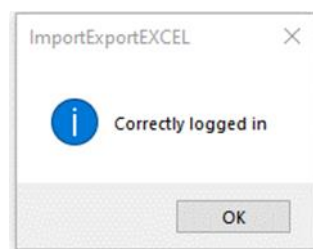


When the application is started, the following screen appears

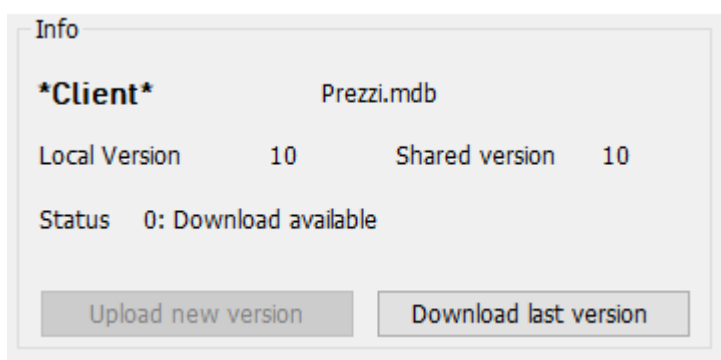


It is necessary to select the path of the "prezzi.mdb" archive you want to modify and click on "Sign in".

We advice to copy the Prezzi.mdb archive located in the software subfolder \Archivi under the Tool folder. Using the copy of the file, temporary changes to the prices will not affect results of your CTAPRO software.

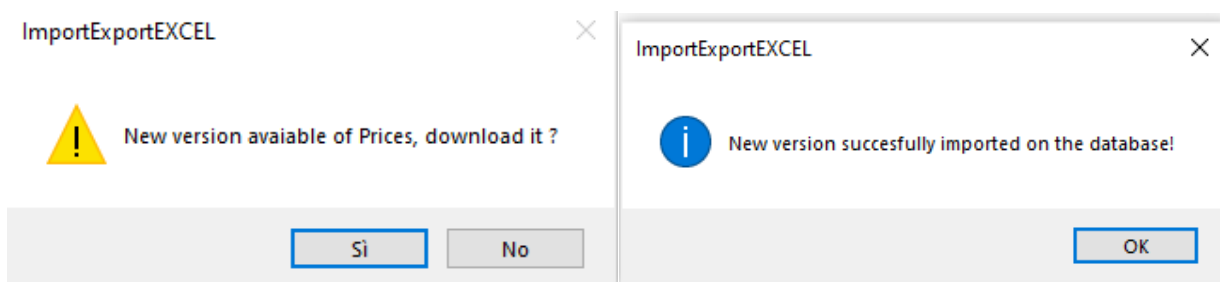


If you correctly followed the steps up to this point, the Status shown should be "0: Download available" and the "Download last version" button enabled.



To download the latest version of the database, click on the "Download last version" button. Once this operation has been carried out, the values present in the selected Prezzi.mdb will be overwritten with the ones available online.

Confirmation messages will appear:



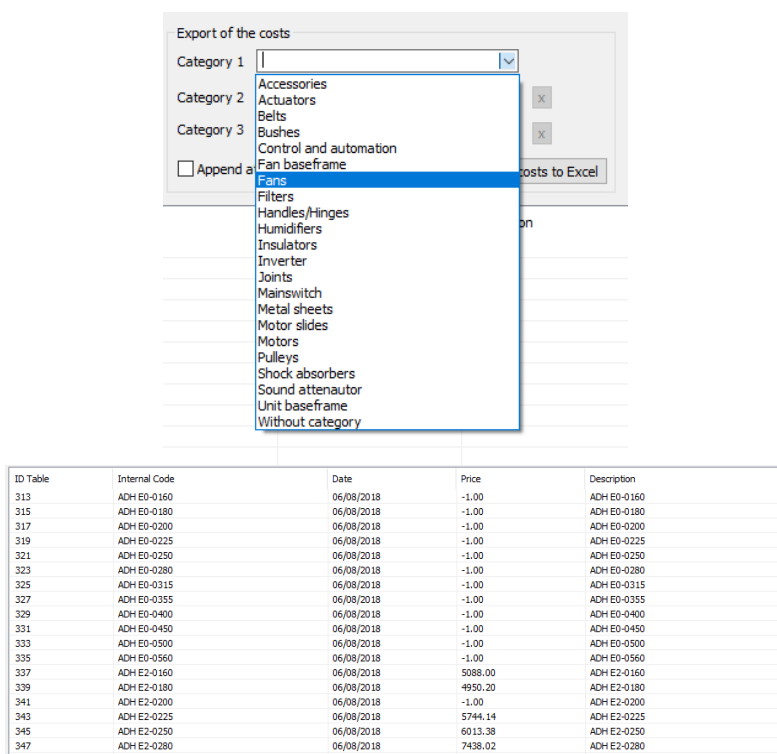
Once the archives have been imported, status will change in "3: In use" and you will be able to modify price values with Excel.

4. MODIFY PRICE VALUES USING EXCEL MANAGER

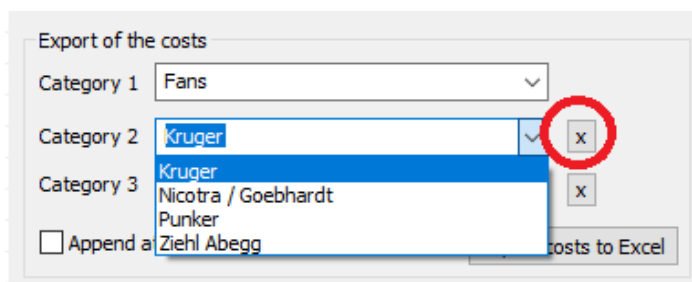
4a. Export prices to Excel file

The procedure for changing the values of the Prices in the local archive is explained below.

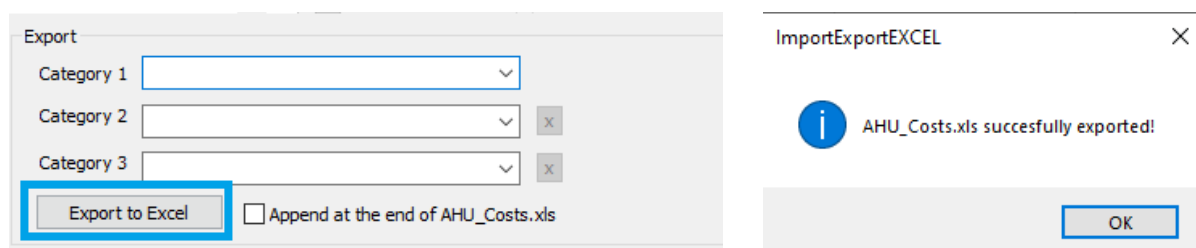
Using the drop-down menus it is possible to filter the archive into various categories and sub-categories of products. The selected values will be shown in the area below.



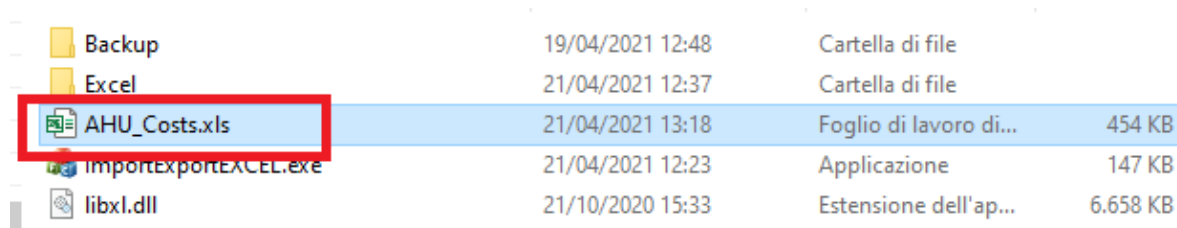
The "x" button allows you to cancel the filter selection and obtain a wider selection.



It is possible to export the current selection of prices to Excel by clicking "Export to Excel".



The "Excel AHU_Costs.xls" file will be generated in the tool folder.



Open it and you will find one of the following structure.

	A	B	C	D	E	F
1	Date	01/01/2021	Version	1.1.43.1		PREZZI
2	ID Table	Internal Code	Date	Price	Part Number	Description
3	1	ACC01	29/10/2021	10	PORTHOLE	Window hole
4	2	ACC02	29/10/2021	20	MDP	Cost of labor
5	3	ACC03	29/10/2021	30	RAINHOOD	RAINHOOD
6						

	A	B	C	D	E	F	G	H
1	Date	29/10/2021	Version	1.1.43.12	Table	PREZZI CAMERA DI MISCELA		
2	ID Damper	Height	200	300	400	500	600	700
3	577	110	10000	1200	1400	1600	1800	2000
4	578	210	20000	2200	2400	2600	2800	3000
5	579	310	30000	3200	3400	1600	3800	4000
6	580	410	40000	4200	4400	1600	4800	5000
7	581	510	50000	5200	5400	1600	5800	6000
8	582	610	60000	6200	6400	1600	6800	7000
9	583	710	70000	7200	7400	1600	7800	8000

	A	B	C	D	E	F
1	Date	29/10/2021	Version	1.1.43.12	Table	COMPONENTI STRUTTURA
2	Code	Article Code	Type	Price	Weight	
3	GUARN20		9	1	0,01	
4	GUARN25		9	1	0,01	
5	GUARN30		9	1	0,01	

Within the Excel file, you can only change the values in the highlighted columns. It is important not to change the structure of the table or the columns not highlighted.

Once all the required changes have been made within Excel, save and close the file.

4b. Export multiple categories to Excel file

If you need to modify more categories within the same Excel file, follow the steps below:

Select the category you want to add to the already exported list;

Export of the costs

Category 1
Inverter

Category 2

Category 3

Check the box indicated below

Export

Category 1
Inverter

Category 2

Category 3

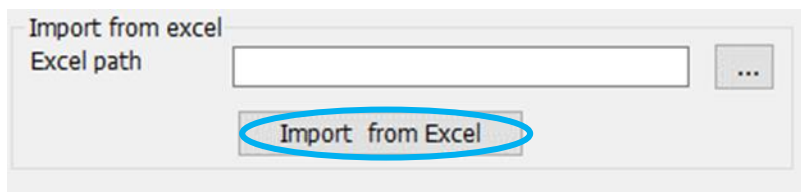
Export to Excel
☐ Append at the end of AHU_Costs.xls

and proceed with a new export.







The new items will appear at the end of the Excel file, after the previously exported list.

4c. Import changes from Excel file

Select path of the Excel file in which the changes were reported and press "Import from Excel". You will see the updated values in the display window inside the tool.



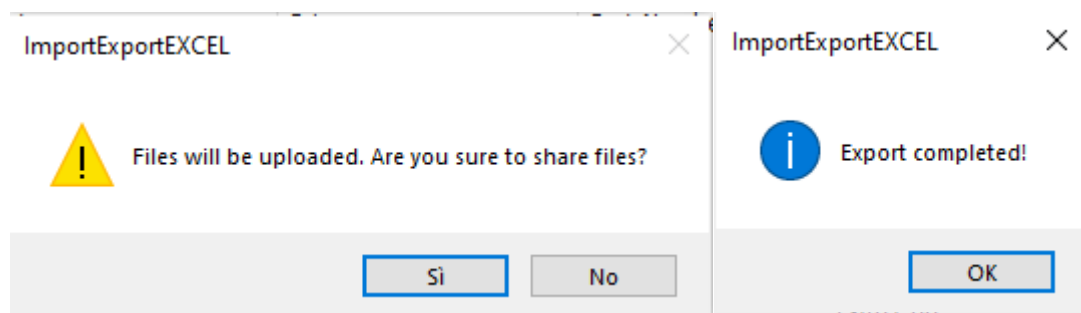
Before overwriting the database with the changes in the .xls file, the program creates a backup copy of the archive in the "backup" folder.

 Backup	22/04/2021 12:08	Cartella di file	
 Excel	21/04/2021 13:02	Cartella di file	
 AHU_Costs.xlsx	22/04/2021 11:54	Foglio di lavoro di...	29 KB
 ImportExportEXCEL.exe	21/04/2021 13:05	Applicazione	147 KB
 ImportExportEXCEL.rar	21/04/2021 13:09	Archivio WinRAR	1.835 KB
 libxl.dll	21/10/2020 15:33	Estensione dell'ap...	6.658 KB

5. UPLOAD NEW PRICE VALUES ON THE CLOUD

When the user has completed all the modification needed, it is time to upload those values on the cloud.

At this point you should be in Status "3: In use" and have the button "Upload new version" enabled. After clicking it, these confirmation messages will appear and the status will change in "4: Shared"



Once this operation is completed, the user will no longer be able to publish a new version of the archive without first requesting a new modification.

Make sure you have completed all necessary changes before continuing with this last step.

6. SHARE PRICES TO ALL CTAPRO USERS

6a. Publish price version

Note: This feature is available only in status “1: Altec uploaded a new db version”.

Follow Chapters 2 to 5 to complete the share procedure between your company and ALTEC. Once we have run our internal tests we will switch status to 1 and you will be able to use this feature.


Go to the Database management page [\(2a\)](#)

Prezzi.mdb			Condividi
DB	Ultima modifica	Versione	Richiedi modifica
 Prezzi.mdb	10/29/2021 4:34:40 PM +00:00	55	


Choose Prezzi.mdb in the drop down menu and click on the button “Condividi”. This action will make available the download of price values of current shared version to all CTAPRO users.

Future exchanges between ALTEC and the user via tool won’t be shared with CTAPRO users, unless an additional sharing procedure will be carried out.

6b. History tab

Access the history of published version by clicking on  button:

Cerca...	
Data	Tabella
25-10-2021	Prezzi.mdb - vers: 3

By clicking on  of an element inside the publish history you will see the complete list of CTAPRO users who downloaded that version.

Cerca...	
Data	Nome Utente
29-10-2021	User 1
29-10-2021	User 2
29-10-2021	Lorenzo
29-10-2021	IT User

6c. CTAPRO interaction

When CTAPRO is launched, it will check for a new “published” version and automatically update price values of the selection software.

When a new price version is available, CTAPRO will show the following messages:

