



Utilities (MSALGO)

Table of Contents

Utilities (MSALGO) 1

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Scheduling > Maintenance > MSALGO > Process > Utilities

This tab allows you to perform various MSALGO processes.



The screenshot displays the 'UTILITIES' tab in the MSALGO interface. At the top, there is a navigation bar with tabs: OPTIONS, BUILD, PLACE, REPORTS, and UTILITIES (which is highlighted with a green underline). Below the navigation bar, on the left, is a white rounded rectangle titled 'Processes' containing a list of five options, each with a radio button:

- ☐ Move MSALGO Sections to ASCENDER
- ☒ Clear All MSALGO Tables
- ☐ Clear all Placed Courses
- ☐ Backup MSALGO Tables
- ☐ Restore MSALGO Tables

To the right of this list is a green-outlined button labeled 'Run Process'.

Run a utility:

Under **Processes**:

Move MSALGO Sections to TxEIS

This option moves MSALGO section data to ASCENDER. This creates section records and meeting time records in the ASCENDER tables. Only course-sections that have been placed in meeting times are moved to the ASCENDER tables.

The following will occur:

- All ASCENDER sections and meeting times are updated with data from matching course-sections in MSALGO (where both course number and section number match).
- Course-sections in MSALGO that do not have matching records in ASCENDER are added to the ASCENDER tables.
- ASCENDER course-sections and meeting times that do not have matching records in MSALGO remain unchanged in ASCENDER.

The **Password** and **Verify Password** fields are displayed.

Password	Type a password for the file. To restore this file using the Restore MSALGO Tables utility, the user must type this password.
Verify Password	Retype the password to confirm that you typed it as intended.

☐ Click **Run Process**.

You are prompted to verify that you want to move MSALGO sections and meeting times to ASCENDER:

- Click **Yes** to overlay ASCENDER records with MSALGO records. All ASCENDER sections and meeting times are replaced with MSALGO course sections and meeting times.
- Click **No** to merge ASCENDER records with MSALGO records.

☐ You are prompted to open or save the zipped file. Save the file in a known location.

A message is displayed indicating that the move to ASCENDER was successful.

Clear All MSALGO Tables

This option clears MSALGO tables. This process can be used if you are going to re-export to MSALGO.

☐ Click **Run Process**.

When the process is complete, a message is displayed indicating that the process was successful.

Clear all Placed Courses	<p>This option clears placed courses. This process clears all courses, meeting times, and sections.</p> <p><input type="checkbox"/> Click Run Process.</p> <p><input type="checkbox"/> You are prompted to verify that you want to clear all placed courses. Click Yes to continue.</p> <p>When the process is complete, a message is displayed indicating that the utility was run successfully.</p>				
Backup MSALGO Tables	<p>This option backs up MSALGO tables. This process creates a zipped file.</p> <p>The Password and Verify Password fields are displayed.</p> <table border="1" data-bbox="359 593 1463 750"> <tr> <td data-bbox="359 593 603 705">Password</td><td data-bbox="609 593 1463 705">Type a password for the file. To restore this file using the Restore MSALGO Tables utility, the user must type this password.</td></tr> <tr> <td data-bbox="359 705 603 750">Verify Password</td><td data-bbox="609 705 1463 750">Retype the password to confirm that you typed it as intended.</td></tr> </table> <p><input type="checkbox"/> Click Run Process.</p> <p><input type="checkbox"/> You are prompted to open or save the zipped file. Save the file in a known location.</p> <p>CAUTION:</p> <ul style="list-style-type: none"> Remember your password and the location of the saved file. 	Password	Type a password for the file. To restore this file using the Restore MSALGO Tables utility, the user must type this password.	Verify Password	Retype the password to confirm that you typed it as intended.
Password	Type a password for the file. To restore this file using the Restore MSALGO Tables utility, the user must type this password.				
Verify Password	Retype the password to confirm that you typed it as intended.				
Restore MSALGO Tables	<p>This option restores MSALGO tables. This process allows you to overlay data or merge data from the backup MSALGO text files.</p> <p>The Import File and Password fields are displayed.</p> <table border="1" data-bbox="359 1288 1463 1617"> <tr> <td data-bbox="359 1288 528 1332">Import File</td><td data-bbox="534 1288 1463 1332">Click Browse to locate and select the file. The file name is displayed.</td></tr> <tr> <td data-bbox="359 1332 528 1617">Password</td><td data-bbox="534 1332 1463 1617"> Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility. NOTE: If the course numbers are invalid because the course number length does not match the Maximum Course Number Length on Maintenance > Master Schedule > District > District Control, the program will convert the course requests from the import file to the correct course numbers and import the record with the correct course numbers wherever possible. </td></tr> </table> <p><input type="checkbox"/> Click Run Process.</p> <p>When the process is complete, a message is displayed indicating that the process was successful.</p> <p>If no files are found from the campus, a message is displayed indicating that a rollback was not performed.</p>	Import File	Click Browse to locate and select the file. The file name is displayed.	Password	Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility. NOTE: If the course numbers are invalid because the course number length does not match the Maximum Course Number Length on Maintenance > Master Schedule > District > District Control , the program will convert the course requests from the import file to the correct course numbers and import the record with the correct course numbers wherever possible.
Import File	Click Browse to locate and select the file. The file name is displayed.				
Password	Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility. NOTE: If the course numbers are invalid because the course number length does not match the Maximum Course Number Length on Maintenance > Master Schedule > District > District Control , the program will convert the course requests from the import file to the correct course numbers and import the record with the correct course numbers wherever possible.				

Click **Run Process**. The outcome varies according to utility selected. See the field descriptions for details.



Back Cover