



Utilities (MSALGO)

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Scheduling > Maintenance > MSALGO > Process > Utilities

This tab allows you to perform various MSALGO processes.

The screenshot shows a software interface with a navigation bar at the top. The 'UTILITIES' tab is selected, indicated by an underline. Below the navigation bar, there is a section titled 'Processes' containing five options. The second option, 'Clear All MSALGO Tables', is selected, as indicated by a green circle with a dot. To the right of the 'Processes' section is a green rectangular button labeled 'Run Process'.

Process	Status
Move MSALGO Sections to ASCENDER	Not Selected
Clear All MSALGO Tables	Selected
Clear all Placed Courses	Not Selected
Backup MSALGO Tables	Not Selected
Restore MSALGO Tables	Not Selected

Run a utility:

Under **Processes**:

Move MSALGO Sections to TxEIS	<p>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.</p>				
	<p>The following will occur:</p> <ul style="list-style-type: none"> • 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. 				
	<p>The Password and Verify Password fields are displayed.</p> <table border="1" data-bbox="346 720 1472 878"> <tr> <td data-bbox="346 720 600 833">Password</td><td data-bbox="600 720 1472 833">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="346 833 600 878">Verify Password</td><td data-bbox="600 833 1472 878">Retype the password to confirm that you typed it as intended.</td></tr> </table>	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.
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Verify Password	Retype the password to confirm that you typed it as intended.				
	<p><input type="checkbox"/> Click Run Process.</p> <p>You are prompted to verify that you want to move MSALGO sections and meeting times to ASCENDER:</p> <ul style="list-style-type: none"> • 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. <p><input type="checkbox"/> You are prompted to open or save the zipped file. Save the file in a known location.</p> <p>A message is displayed indicating that the move to ASCENDER was successful.</p>				
Clear All MSALGO Tables	<p>This option clears MSALGO tables. This process can be used if you are going to re-export to MSALGO.</p> <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>				

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="350 595 1468 752"> <tr> <td data-bbox="350 595 600 707">Password</td><td data-bbox="600 595 1468 707">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="350 707 600 752">Verify Password</td><td data-bbox="600 707 1468 752">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 users 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="350 1291 1468 1628"> <tr> <td data-bbox="350 1291 600 1336">Import File</td><td data-bbox="600 1291 1468 1336">Click Browse to locate and select the file. The file name is displayed.</td></tr> <tr> <td data-bbox="350 1336 600 1628">Password</td><td data-bbox="600 1336 1468 1628"> <p>Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility.</p> <p>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.</p> </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	<p>Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility.</p> <p>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.</p>
Import File	Click Browse to locate and select the file. The file name is displayed.				
Password	<p>Type the password for the file. This password is created when the file is created using the Backup MSALGO Tables utility.</p> <p>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.</p>				

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



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