

## LITIO 2.0 and LITIO 1.3 Troubleshooting

Problem	Possible Reason/diagnosis	Solution
Cannot make LITIO program work	LITIO version is not compatible with your CAD system	<p>Make sure you have downloaded the <a href="#">right version of LITIO</a>, according to your CAD system.</p> <p><b>Note:</b> The following restrictions apply:</p> <p><b>LITIO2</b> for AutoCAD: AutoCAD R2000 and later [AutoCAD 2019]; no LT, no Academic</p> <p><b>LITIO2</b> for GStarCAD: GStarCAD; no LT, no Academic</p> <p><b>LITIO1</b> for BricsCAD: BricsCAD v.11 and higher (either Classic, Pro and/or Platinum). It does not need BricsCAD's Sheet metal module.</p> <p><b>LITIO1:</b> ZWCad v.2017 and higher.</p>
	LITIO files are not properly installed	<p>Make sure all LITIO files are located in <b>same folder</b> (and at no other location in your computer; else, conflicts can arise) and that your CAD system has <b>access</b> to the files (check your CAD's <b>Support file search paths</b> configuration).</p> <p>Check the installation and use procedure in the user manual, at our <a href="#">webpage</a> or the following youtube videos:</p> <ul style="list-style-type: none"> <li>• <a href="https://youtu.be/riCqz0fyn7Y">LITIO2 for AutoCAD</a> - https://youtu.be/riCqz0fyn7Y</li> <li>• <a href="https://youtu.be/nkL3uSBM-EI">LITIO2 for GStarCAD</a> - https://youtu.be/nkL3uSBM-EI</li> <li>• <a href="https://youtu.be/Mtun9vmdeTI">LITIO1</a> - https://youtu.be/Mtun9vmdeTI</li> </ul> <p>For AutoCAD you can download the <a href="#">LITIO2 installer file</a>, located at AutoDESK's official app store (it may require registration).</p>
Dialog images are not clear	Drawing window background color selection may affect the visibility of dialog image lines	<p><b>Option 1:</b> Change your window background color to a different one (usually a white or a black color is good for dialog image lines visualization; check both).</p>
		<p><b>Option 2:</b></p> <p><b>LITIO2:</b> start LITIO and press the <b>SETTINGS</b> button. Select the best dialog background color of your choice.</p> <p><b>LITIO1:</b> <b>replace</b> your existing LITIO.slb file with the alternate one inside your LITIO.zip file [the one inside black lines.zip]</p>
The program crashes after trying to save my LITIO <b>SETTINGS</b> changes	<p>When LITIO <b>settings</b> changes occur, the program needs to save them in the LITIO.cfg file. If the user has no permissions to write/modify files in the folder/directory this file is located, the program may crash and the settings changes remain unsaved.</p> <p><b>Note:</b> These permissions are at the OS level (not at your CAD platform level).</p> <p>OS: operating system.</p>	<p><b>Option 1:</b> Give/Set your OS user the necessary permissions/access privileges to access/write/modify files in the respective folder.</p> <p>You can also check the following <a href="https://youtu.be/U2AyDZSPwZk">Youtube video</a> - https://youtu.be/U2AyDZSPwZk</p>
		<p><b>Option 2:</b> place LITIO files in a folder where you have complete access and full permissions to write/delete/edit files and add this folder to your CAD <b>Support files search paths</b>.</p> <p><b>Important:</b> Please check there is no duplication of LITIO files in other locations within the same computer, since this can lead to software conflicts.</p> <p>Please note, that all LITIO files shall be located in the same folder/directory.</p>

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LITIO dialog boxes show <b>imperial</b> units instead of <b>metric</b> ones (or vice versa)	LITIO uses your CAD system's <b>configuration</b> parameters for unit type (imperial/metric) and decimal places. Your CAD system Unit setting is adopted by LITIO	Change your CAD system's <b>configuration</b> : At your CAD system command line type: <b>UNITS</b> and enter the right value: <b>0</b> for <b>imperial</b> or <b>1</b> for <b>metric</b> <b>Note:</b> this configuration command may differ, depending on your CAD system or its language. Please check your CAD platform manual for further details about units, decimal numbers and system variable configuration. This configuration change may only be due for the current drawing. You may need to change a template's configuration to make this change permanent for all your drawings.
The 3D patterns and developments I create with LITIO <b>disappear</b> and I cannot find them	LITIO demo/trial version has some <b>restrictions</b> and certain patterns/developments are not available in DEMO/trial mode. Some input boxes are <b>deactivated</b> in DEMO/trial mode	LITIO programs are <b>shareware</b> and they has some <b>restrictions</b> for unregistered users. To make use of all LITIO functionalities, please <a href="#">purchase a license(s)</a> . About the shareware concept: Shareware is a type of proprietary software and while they may not require an initial up-front payment, all are intended to generate revenue. Shareware is initially provided free of charge to users; some may be limited in functionality or be time-limited, with purchase of a license required for further use and to unlock all functionalities. The term shareware is used in contrast to open-source software, in which the source code is available for anyone to inspect and alter; and freeware, which is software distributed at no cost to the user but without source code being made available.  (from Wikipedia)
I cannot draw some patterns. My dialogs have <b>inactive</b> offset input boxes. Some patterns are <b>not</b> available.		
I create my patterns and developments and when I fabricate the sheet metal finished parts I find differences. The actual <b>dimensions differ</b> from what I wanted to make.	Problems with dimensions settings: LITIO software uses the criteria selected in the <b>SETTINGS</b> dialog to make its development calculations	Select the proper in/mid/out settings in accordance with your actual project's dimensions. <b>Note:</b> LITIO software uses the state of the art of unfolded dimensions calculations. The mathematical criteria are those set forth in German standard DIN 6935 (please note, that your actual location or language has no relevance for the calculations).
	Use of trade/nominal sizes and/or gages.	Use actual values instead of trade/nominal sizes.
LITIO2: I cannot create a rectangle-to-round transition with a sharp bend [internal radius = 0 (zero)]	This situation is not real. Any real bend has an internal radius $\gg 0$ . Thus, in version 2.0 (which extensively creates 3D models with a thickness representation, dialog boxes always ask for a radius.	Use a small (but realistic value instead) as $R_{int} \approx T$ (that is $R_{ext} \approx 2T$ ). <b>Important:</b> smaller radiuses can led to bending cracks [actual minimum bending radius depends on the thickness and on sheet metal material]. <b>Tip: LITIO2:</b> if you enter a negative radius, the program will automatically enter the minimum bending radius.