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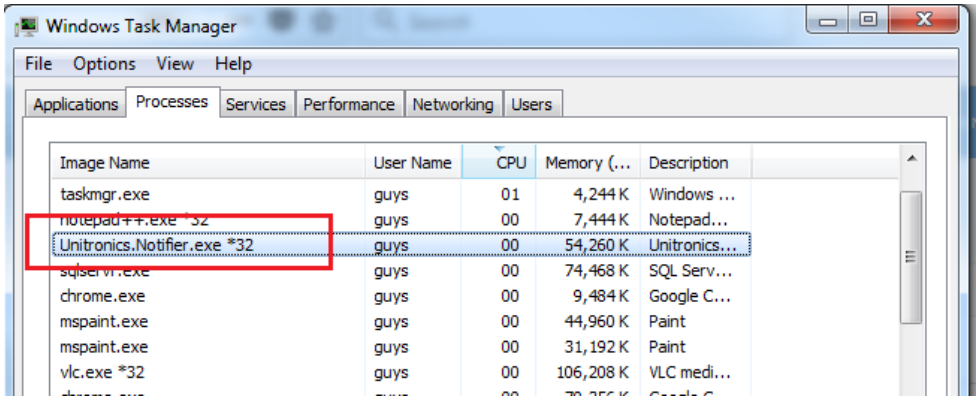
Unilogic PRBK file recovery

Unilogic project files are automatically backed up to the following directory as .prbk files.

C:\Users***[username]***\Documents\Unitronics\Projects Backup

These files can be used to recover a corrupt or 'lost' Unilogic project using the following procedure.

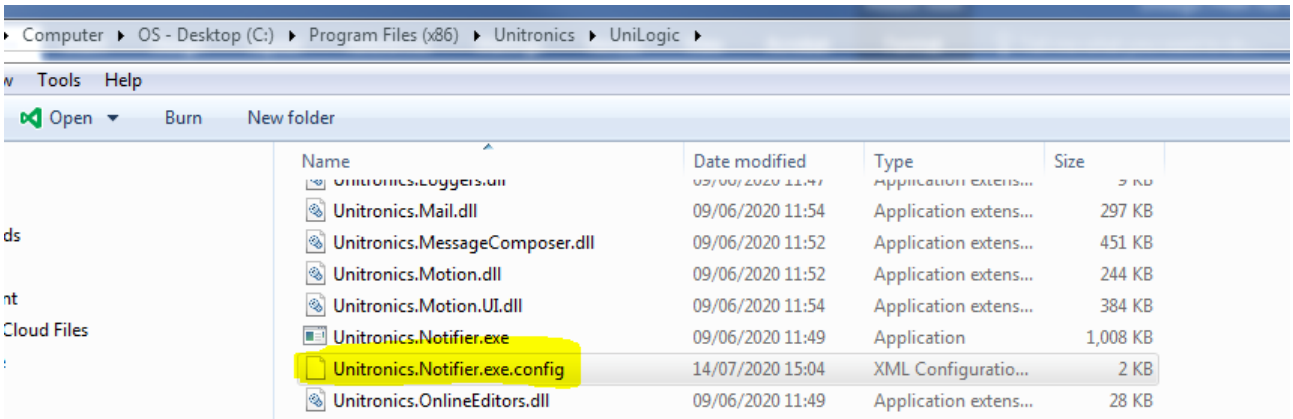
Kill the Unilogic Notifier.



Open Notepad by right clicking the shortcut and selecting 'Run as Admin' to give Notepad elevated privileges, this is important as without those privileges Notepad cannot save the operation that follows.

Open UniLogic installation folder, C:\Program Files (x86)\Unitronics\UniLogic and open the file Unitronics.Notifier.exe.config with Notepad.

If there are several versions of Unilogic installed then the Unitronics.Notifier.exe.Config of the LATEST version should be modified, ie in the Unilogic directory. The recovered files will retain their original version.



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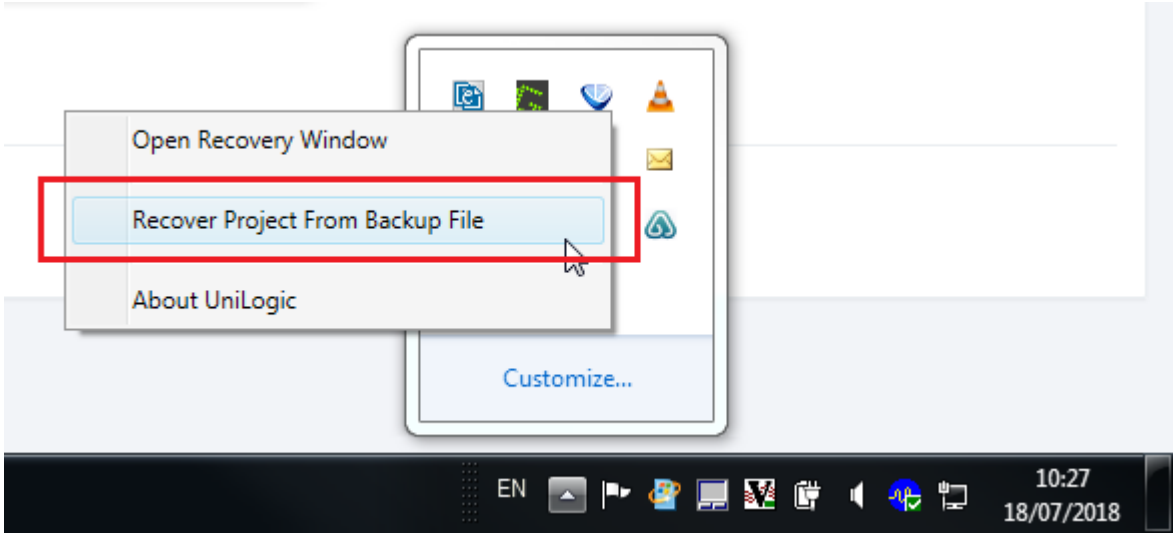
Open Notepad with admin rights!! Or you will not be able to save the modified file.

In Notepad --> replace `False` to `True` in line "RecoverFromFileKey" (Line 24) then SAVE the file.

```
1  <?xml version="1.0"?>
2  <configuration>
3    <appSettings>
4      <add key="TempfilesPath" value="@appData\Unitronics\UniLogic\Temp" />
5      <add key="SQLInstanceName" value=".\UNILOGIC" />
6      <add key="SQLUser" value="sa" />
7      <add key="SQLPass" value="5C32136715256B026112" />
8      <add key="ConnectionStringSuffix" value="Trusted_Connection=True; MultipleActiveResultSets=True;" />
9      <add key="LoggingPath" value="@appData\Unitronics\UniLogic\logs" />
10     <add key="MaxInstances" value="1" />
11     <add key="LogLevel" value="Info" />
12     <!-- START No tampering with values below-->
13     <add key="WaitTimeV6" value="3000" />
14     <add key="RetriesV6" value="3" />
15     <add key="WaitTimeV5" value="30000" />
16     <add key="RetriesV5" value="3" />
17     <add key="BridgeMode" value="-1" />
18     <add key="FTPKeepAlive" value="false" />
19     <add key="errorFtpUser" value="NG-Project" />
20     <add key="errorServer" value="ftp://unitronics.exavault.com" />
21     <add key="IsLegacyDirectoryDelete" value="false" />
22     <add key="UniLogicVersions" value="@appData\Unitronics\UniLogic\UniLogicVersions.xml" />
23     <add key="LastTimeOfUpdateCheck" value="@appData\Unitronics\UniLogic\LastTimeOfUpdateCheck.xml" />
24     <add key="RecoverFromFileKey" value="True" />
25     <add key="WebUpdates" value="https://www.unitronicsplc.com/Download/WebUpdates/UniStream/Versions.xml" />
26     <add key="SQLLocalDB:OverrideVersion" value="11.0" />
27     <!-- END No tampering with values below-->
28   </appSettings>
29   <startup useLegacyV2RuntimeActivationPolicy="true">
30     <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.6.2" />
31   </startup>
32   <runtime>
33     <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
34       <probing privatePath="HMIElements;LadderElements;Protocols;ThirdParty;StartupLib" />
35     </assemblyBinding>
36   </runtime>
37 </configuration>
```

eXtensible Markup Language file | length : 1,874 lines : 37 | Ln : 24 Col : 46 Sel : 0 | 0 | Windows (CR LF) | UTF-8 | INS

Re-open UniLogic and right click on UniLogic icon and click on Recover, this option would normally be greyed out.



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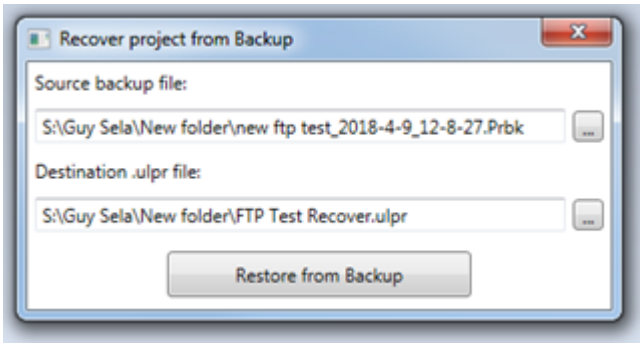
Select your *.Prbk file and the destination file name:



Re-edit Unitronics.Notifier.exe.config and set the modified parameter back to ‘False’ then SAVE the file.

Tony Spearing
July 2020