

Using PowerSHAPE 2017 or PowerMILL 2017 Standard appears to use a Premium or Ultimate licence and can cause a licence error.

If a customer has a mix of Standard / Premium / Ultimate licences and products of different licence tiers are installed on the same PC, this can cause licence errors.

This affects customers with network licences and standalone licences.

When running PowerSHAPE standard or PowerMILL Standard, if Manufacturing Data Exchange Utility is called to import data, it will try to run in Premium tier level IF PowerSHAPE Premium/Ultimate and/or PowerMILL Premium/Ultimate are also installed on the same PC.

Example Scenario

A customer has the following licences

2 x PowerSHAPE 2017 Standard

2 x PowerMILL 2017 Standard

1 x PowerMILL 2017 Premium

PowerSHAPE 2017 Standard, PowerMILL 2017 Standard and PowerMILL 2017 Premium are installed on a number of PCs. If one of the PCs is using PowerMILL Premium, users of the other PCs will get a licence error when trying to use Exchange to import a file as all products try to use the premium tier of Exchange and the only premium licence available is already in use.

Solution:

The workaround involves creating batch files to match the tier of Manufacturing Data Exchange Utility to the tier of PowerSHAPE/PowerMILL being started and then start PowerSHAPE/PowerMILL.

Copy and paste the below 4 lines into an empty notepad file and save it as PowerSHAPE-Standard.bat on the desktop of each PC.

```
REM PowerSHAPE-Standard.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Standard /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerSHAPE\Licensing\2017" /v Tier /d Standard /f /reg:64
start "" "C:\Program Files\Autodesk\PowerShape17136\sys\exec64\powershape.exe"
```

Copy and paste the below 4 lines into an empty notepad file and save it as PowerSHAPE-Premium.bat on the desktop of each PC.

```
REM PowerSHAPE-Premium.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Premium /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerSHAPE\Licensing\2017" /v Tier /d Premium /f /reg:64
start "" "C:\Program Files\Autodesk\PowerShape17136\sys\exec64\powershape.exe"
```

Copy and paste the below 4 lines into an empty notepad file and save it as PowerSHAPE-Ultimate.bat on the desktop of each PC.

```
REM PowerSHAPE-Ultimate.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Premium /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerSHAPE\Licensing\2017" /v Tier /d Ultimate /f /reg:64
start "" "C:\Program Files\Autodesk\PowerShape17136\sys\exec64\powershape.exe"
```

Copy and paste the below 4 lines into an empty notepad file and save it as PowerMILL-Standard.bat on the desktop of each PC.

```
REM PowerMILL-Standard.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Standard /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerMILL\Licensing\2017" /v Tier /d Standard /f /reg:64
start "" "C:\Program Files\Autodesk\PowerMill 21.0.30\sys\exec64\pmill.exe"
```

Copy and paste the below 4 lines into an empty notepad file and save it as PowerMILL-Premium.bat on the desktop of each PC.

```
REM PowerMILL-Premium.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Premium /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerMILL\Licensing\2017" /v Tier /d Premium /f /reg:64
start "" "C:\Program Files\Autodesk\PowerMill 21.0.30\sys\exec64\pmill.exe"
```

Copy and paste the below 4 lines into an empty notepad file and save it as PowerMILL-Ultimate.bat on the desktop of each PC.

```
REM PowerMILL-Ultimate.bat
reg add "HKLM\SOFTWARE\Autodesk\Manufacturing Data Exchange Utility\Licensing\2017" /v Tier /d Premium /f /reg:64
reg add "HKLM\SOFTWARE\Autodesk\PowerMILL\Licensing\2017" /v Tier /d Ultimate /f /reg:64
start "" "C:\Program Files\Autodesk\PowerMill 21.0.30\sys\exec64\pmill.exe"
```

Caveats

There are only standard and premium tiers of Manufacturing Data Exchange Utility, no Ultimate tier.

If a user needs to run different licence tiers of the same product installed on one PC, they must install all versions. It is not possible to install just PowerSHAPE Premium and expect to be able to run PowerSHAPE Standard from that install. This is because, although different tiers of the same product install mostly to the same location (C:\Program Files\Autodesk\xxxxxxx) each tier needs separate licencing software components.

It is necessary to right-click the batch file and choose 'Run as administrator' for it to work.