

Knowledge Base Article

Product Group: Software Product: CMSW7400 - @ptitude Analyst Version: N/A

Abstract

This article provides instructions on how to configure the number of COM ports using both the @ptitude Analyst Configuration Tool and the registry editor. These instructions should be followed when a device (such as a Microlog) is utilizing a COM port that is not showing up as an option in the software's **Transfer > Communication** menu.

Overview

There are two ways to change the number of COM ports that are available for use with SKF @ptitude Analyst software.

Option 1: Using the Config Tool

- 1. Exit the SKF @ptitude Analyst software.
- 2. Go to Start > Programs > SKF @ptitude Monitoring Suite > Admin Tools > SKF @ptitude Analyst Configuration Tool.
- 3. Select General Configuration from the left window. [Figure 1]



Figure 1. General Configuration settings



4. In the right window, expand **Software** > **SKFConditionMonitoring** > **SKFMachineAnalyst** > **CommunicationPreferences**. [Figure 2]



Figure 2. Go to CommunicationPreferences

 Next, click on the [+] next to the setting, NumComPort. [Figure 3] The number of available COM ports will be displayed in the Value data field. To change this value, type the desired number into the field and press the [Save] button.



Figure 3. NumComPorts setting



6. Press [OK] when the confirmation appears. [Figure 4]



- 7. Exit the SKF @ptitude Analyst Configuration Tool.
- Open @ptitude Analyst and click on Transfer > Communication. The desired COM port range will be displayed in the Port field drop-down menu. [Figure 5]

| Download To DAD Upload From DAD | Status Communication |
|---------------------------------|----------------------|
| Communication type: | Serial |
| Port | СОМ1 |
| Serial baud rate: | COM1 COM2 COM3 |
| Phone number: | COM4 |
| | |
| | COM8 |
| $\langle \rangle$ | COM9 COM10 |
| | COM11 COM12 |
| | COM13 COM14 |
| | COM15 |
| | C0M17 |
| | COM18 COM19 |
| | COM20 |

Figure 5. Software reflects new port COM range



Option 2: Using the Registry Editor

This option would only be used in @ptitude Analyst 2010 (v6.0.0.34), since higher versions of this software no longer write to the registry.

 Open the registry editor by clicking Start > Run, and then type "regedit" [Figure 6] into the text field.

| Run | ? 🛛 |
|-------|--|
| - | Type the name of a program, folder, document, or Internet resource, and Windows will open it for you. |
| Open: | regedit 💌 |
| | OK Cancel Browse |



Figure 6. Opening the registry editor

 Navigate to HKEY_LOCAL_MACHINE > SOFTWARE > SKF Condition Monitoring > SKF Machine Analyst > Communication Preferences. [Figure 7]



Figure 7. Communication Preferences



 Add a string value called "NumComPorts". To do this, right-click on Communication Preferences, then select New > String Value. [Figure 8]



Figure 8. Adding a string value

- 4. Rename the string as "NumComPorts" and then double-click it to edit the value. Type the desired number of COM ports into the **Value data** field [Figure 9], then press the [OK] button.
 - In the example below, a value of '20' has been given which will make COM1-20 available as a (communications port) selection in the software.

| Edit String | ? 🛛 |
|-------------|-----------|
| Value name: | |
| NumComPorts | |
| Value data: | |
| 20 | |
| | OK Cancel |

Figure 9. Number of COM ports

5. Exit the registry editor.



 Open @ptitude Analyst and click on Transfer > Communication. The desired COM port range will be displayed in the Port field drop-down menu. [Figure 10]

| Download To DAD Upload From DAD | Status Communication | |
|-----------------------------------|---------------------------------|--|
| Communication type: | Serial | |
| Port: | СОМ1 | |
| Serial baud rate: | COM1 COM2 COM3 COM4 | |
| | СОМ5 СОМ6 СОМ7 | |
| | COM8 COM9 COM10 ICOM11 | |
| | COM12 COM13 COM14 | |
| X | COM15 COM16 COM16 | |
| | COM18 COM19 COM20 | |

Figure 10. Software reflects new port COM range

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at <u>TSG-Americas@skf.com</u>.