

There is a trick to install the Java Communications API correctly on a Windows system Machine. The following files are the core of JAVA Communication API, and they are very important to have them installed on your system for a proper operation:

- comm.jar
- win32com.dll
- javax.comm.properties

For the jdk (Java Development Kit) to recognize the serial ports on your machine, it is important to properly place these files in the right folders on your local machine :

%Java_HOME% = the location of your **jdk** directory.

To Find your **JDK** directory, Use the Following steps:

1. Click on **Start**
2. Click on **Search**
3. Click on **For Files or Folders ...**
4. In the Left hand Side, Click on **All Files and Folders**
5. Type in **jdk*** in the textbox under All or part of the file name:
6. Click **Search**
7. Look for yellow icon that looks like a folder
8. Double Click on the folder to open the jdk folder

comm.jar should be placed in:

%JAVA_HOME%/lib

%JAVA_HOME%/jre/lib/ext

win32com.dll should be placed in:

%JAVA_HOME%/bin

%JAVA_HOME%/jre/bin

%windir%System32

javax.comm.properties should be placed in:

%JAVA_HOME%/lib

%JAVA_HOME%/jre/lib

Obs:Incluir nos diretorios lib e bin da JRE, JDK e JDK/JRE

Obs2:Se usar a impressora compartilhada de outra máquina, não configurar como “Impressão Direta” pois irá dar acesso negado (quando usando “net use LPT1 [\\P\Impressora](#)”)