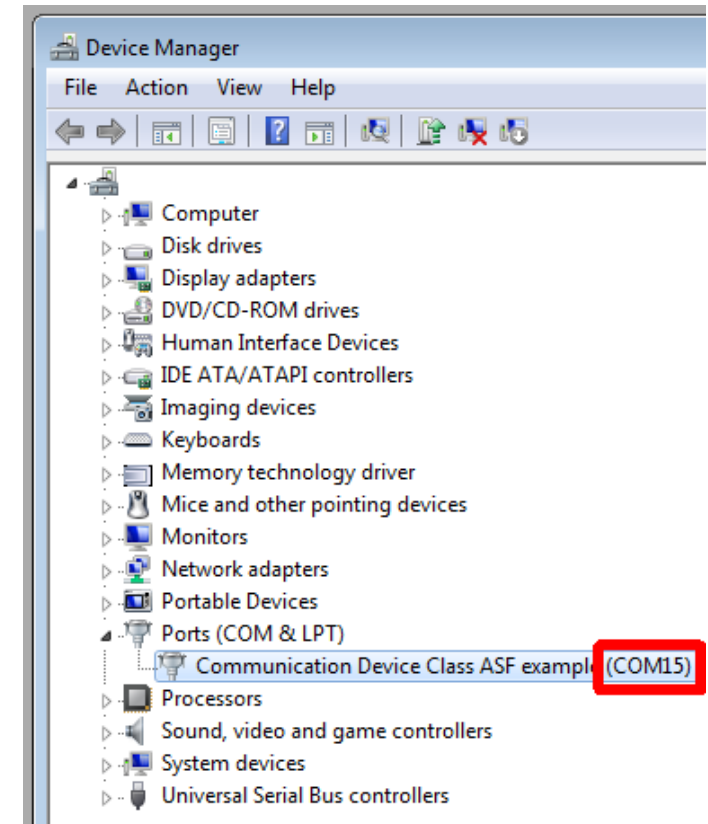




# R-ION USB connection setup step 1



- Connect the R-ION to your PC with a standard USB cable<sup>1</sup>.
- Identify the serial port name for the R-ION connection.
  - Open ControlPanel > System > DeviceManager
  - Check under Ports



**<sup>1</sup> Note :**

If this is the first time you will need to install the Ontrol USB driver. Required files can be downloaded at <http://www.ontrol.com/rion>



# R-ION USB connection setup step 2



Set-up a standard Niagara station with SoxTunnel service running in the background. This service routes Sox messages to the R-ION through the USB port.

To setup this station:

- Create and run a new station in Niagara
- Copy an instance of SoxTunnel from OntrolSedonaUtil palette to your station's services folder
- In SoxTunnel properties, set AuthenticateWithUserService to false.
- Under SoxTunnel, go to SerialPtpRouter properties and set the port name in SerialPortConfig.
- Restart the station

The screenshot shows the Workplace AX configuration window for a station named 'Station (Rion\_Tunnel)'. The left sidebar shows a tree view of the station's configuration, with 'SoxTunnel' selected under the 'Services' folder. The main area displays the properties for the 'SoxTunnel (Dasp Tunnel)' service. The 'Authenticate With User Service' property is set to 'false' and is highlighted with a red box. Below it, the 'SerialPtpRouter' properties are shown, with the 'Serial Port Config' section expanded. The 'Port Name' property is set to 'COM19' and is also highlighted with a red box. Other properties like 'Status', 'Enabled', 'Port', 'Inter Message Delay', 'Baud Rate', 'Data Bits', 'Stop Bits', 'Parity', and 'Flow Control Mode' are also visible.



# R-ION USB connection setup step 3



## In Workbench, click OpenDevice

- Select “Tunnel (IP)” in the dropdown box for Host
- Type in 'localhost' for Host
- Enter any text in the TunnelTo box (don't leave it empty)
- Enter username/password for the sedona device you are connecting to
- Hit OK and you should have a connection

