## TB0428 Connecting To Yaskawa with Silex USB

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Difficulty Medium

Duration 10 minute(s)

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#### Introduction

### What is the Silex DS-510?

The Silex unit is a USB server, allowing a PC to have a USB port anywhere over an ethernet network. This is useful to connect the PC to a Yaskawa inverter when they are located in different cabinets.

The software sets up a virtual USB port which can then be used to run the Yaskawa DriveWorks software.

#### Step 1 - Connect to mains

Connect the Silex to mains, onto the network via RJ45 and via USB to the Yaskawa



#### Step 2 - Install SX Virtual Link

Install SX Virtual Link software on your PC, download here. Keep all defaults during install

#### Step 3 - Run software

Power on and run the software

#### Step 4 - Connect

Double click the Yaskawa or click on the button at the bottom to connect





#### Step 5 - Run Yaskawa DriveWizard

Run Yaskawa DriveWizard (installation file is in Dropbox (Stuga Machinery Ltd)\service\3rd Party Manuals\Inverters\Yaskawa)

Vaskawa DriveWizard					
Ele Home Edit Startup and	d Diagnostics Tools Help				۵ (
New         Save           Save         Project           Yroject         Yroject	Stick Drive Selection & Communication Setup	Write Parameters     Bead Parameters     Pre     Quick Access	Report riew Welcome	C Parameter Ogenview P Parameter Operations Startup Tools View	Application Wizard Options Help Documents
YASKAWA					www.yaskawa.co.jp
Start a New Project	Open Project.	Colline Status, Hontoring Trending and Control	Paran Oper	reter Ag	pication Nizard
📮 Start Project					Update Available

#### Step 6 - Find COM Port

Find the COM Port that has been assigned to the Yaskawa by looking in Windows Device Manager (type in your search box, or through control panel)



# Step 7 - Enter into the communications setup

Enter this into the communications setup on DriveWizard



Step 8 - Click on Modify link Click on Modify link	Drive Port / Connection  Serial / USB (direct to drive)  Info: [Com5 :1F - RS232/OPR]				
Step 9 - Enter COM port Enter the COM port in the drop down box	Setup Communications Port Drive Serial Communication Address	Com5			
Step 10 - Connect to drive Click connect to drive	Connect to Drive / Go Online				