

# Advantech SE Technical Share Document

<b>Date</b>	2019 / 04 / 26		<b>Related Product</b>	WebAccess/CNC, WebAccess/SCADA	
<b>Category</b>	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	<input type="checkbox"/> Driver Tech Note			
<b>Abstract</b>	WebAccess CNC Driver viewDAQ Demo Project Startup Manual SOP				
<b>Keyword</b>	WebAccess/CNC, WebAccess/SCADA, CNC Driver, FANUC, Brother, LNC, SYNTEC				
<b>Related OS</b>	Windows 7, Windows 8.1, Windows 10				
Revision History					
Date	Version	Author	Reviewer	Description	
2019/04/26	V1.0	JosephSun			

■ **Problem Description & Architecture:**

This SOP document will show how to import CNC viewDAQ demo project when user using WebAccess CNC Driver. At beginning to use CNC driver, user may need a visualization page for viewing the tag data. Therefore, Advantech provide a demo project to user for reference in WebAccess viewDAQ tool.

■ **Brief Solution - Step by Step:**

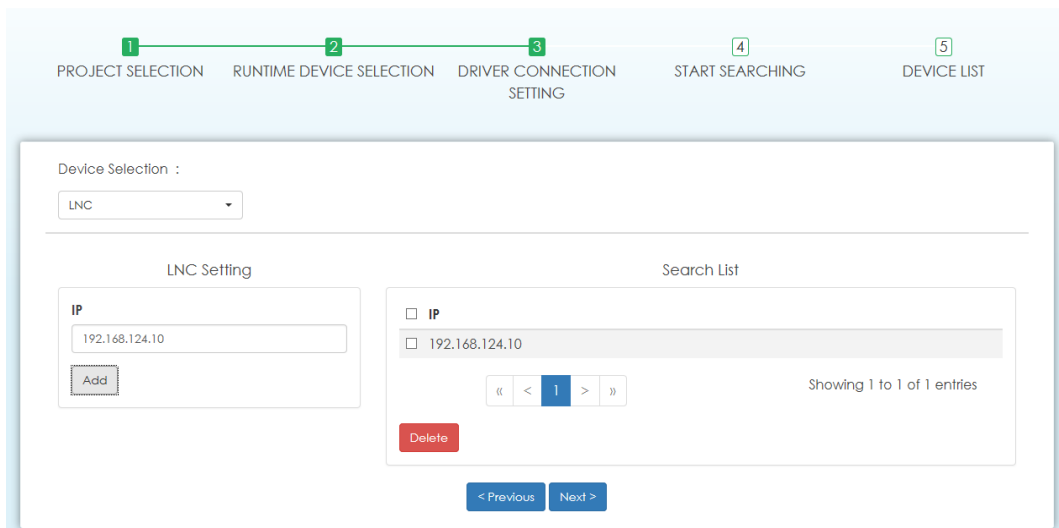
In order to use CNC demo project, please download the demo package from Advantech support portal (as the Link below), and please create CNC project with CNC Explorer; or configure a CNC project with "Project Home" in WebAccess SCADA at first.

Download Link:

[https://support.advantech.com/support/DownloadSRDetail\\_New.aspx?SR\\_ID=1-1N7RK5F&Doc\\_Source=Download](https://support.advantech.com/support/DownloadSRDetail_New.aspx?SR_ID=1-1N7RK5F&Doc_Source=Download)

**Step1:** Confirmed WebAccess/SCADA has installed in user windows platform first, and then install the latest version WebAccess/CNC installation package from Advantech support portal to use CNC Explorer.

**Step2:** Configure three CNC devices as BRO001, FAN001, LNC001 with CNC Explorer



1 PROJECT SELECTION   2 RUNTIME DEVICE SELECTION   3 DRIVER CONNECTION SETTING   4 START SEARCHING   5 DEVICE LIST

Device Selection :  
 brother

brother Setting

Device Name: BRO001  
 IP: 127.0.0.1  
 Port: 10001  
 Type: C00  
 Add

Search List

<input type="checkbox"/> Device Name	IP	Port	Type
<input type="checkbox"/> BRO001	127.0.0.1	10001	C00

Showing 1 to 1 of 1 entries

Delete

< Previous   Next >

1 PROJECT SELECTION   2 RUNTIME DEVICE SELECTION   3 DRIVER CONNECTION SETTING   4 START SEARCHING   5 DEVICE LIST

Device Selection :  
 FANUC

FANUC Setting

Device Name: FAN001  
 IP: 124.9.8.232  
 Port: 8193  
 Add

Search List

<input type="checkbox"/> Device Name	IP	Port
<input type="checkbox"/> FAN001	124.9.8.232	8193

Showing 1 to 1 of 1 entries

Delete

< Previous   Next >

- Device Name: Defined a CNC name  
 (\*In this project, user **MUST** create device name as BRO001, FAN001, FAN001. Because it have to follow the viewDAQ demo project tag define. If not, the CNC tag won't show correct data.)
- IP: Please input CNC controller IP
- Port: if not necessary, please follow the default port number setting

### Step3: Confirmed CNC block tag in "Project Home" (IE 11 browser)

The screenshot shows the Advantech WebAccess Project Manager interface. On the left, there is a tree view under 'Project/Node' with 'CNC Demo' expanded to show folders like 'SCADA', 'Port1 (tcpip)', 'LNC001', 'Port2 (tcpip)', 'BRO001', 'Port3 (tcpip)', and 'FAN001'. Below this is a 'Device Driver' list including A101, ABMLGX, ABPLC5, ABPLCEIP, ABSLC5, AceFAM3, ADAM2K, and ADAM4K. The main area displays a table of node properties for 'Node : CNC Demo • SCADA'.

Property	Value
Node Name	SCADA
Node Description	
SCADA Node IP Address	NB070419
Primary TCP Port	4592
Node Timeout	0
Remote Access Code	
Outgoing Email (SMTP) Server	
Email Address	
Email Account Name	
Email Password	
Email From	
Report Email To	

### Step4: Import CNC Demo Project to user's SCADA Project

- ◆ (1): Copy all files within the "bgr" folder (CNC Demo folder) to "C:\WebAccess\Node\config\UserProjectNode\_UserScadaNode\bgr"
- ◆ (2): Copy all files within the "bmp" folder (CNC Demo folder) to "C:\WebAccess\Node\config\UserProjectNode\_UserScadaNode\bmp"
- ◆ (3): Copy all files within the "drw" (CNC Demo folder) to "C:\WebAccess\Node\config\UserProjectNode\_UserScadaNode\drw"
- ◆ (4): "Download Graph" -> Select your UserProjectNode\_UserScadaNode for CNC project
- ◆ (5): "Start Kernel" -> Select your UserProjectNode\_UserScadaNode for CNC project
- ◆ (6): "ViewDAQ" -> Select "home.bgr" from Graph List in ViewDAQ; then starting and checking each CNC device tag with this CNC Driver Demo Project in your SCADA.

#### Reference:

WebAccess/CNC User Manual