

WebAccess - IoT Software

Step by Step Training Material

The logo for WebAccess, featuring the word "WebAccess" in a bold, blue, sans-serif font. A green swoosh underline starts under the 'W', goes under the 'e', 'b', and 'A', and then loops around the 'c' and 'e'.

Alger Tan
IAG Product AE

Topic	Page	Topic	Page
1. Creating a Project	3	11. Frame	138
2. Software Tag	51	12. Script – TCLScript	149
3. Realtime Trend	66	13. Video Display	155
4. DataLog Trend	73	14. ODBC	164
5. Alarm	83	15. Report	171
6. Alarm Group	93	16. Google Map Integration	177
7. Recipe	99	17. GPS Integration	188
8. Scheduler	110	18. Dashboard	195
9. Background	117	19. Excel Report	204
10. Push Button and Macro	124		



Creating a Project

Steps to Create a WebAccess Project

■ Six Phases to Complete a WebAccess Project:

Phase 1: Project Home (Link WebAccess to the Hardware)

- Step 1: Create a Project Node
- Step 2: Create a SCADA Node
- Step 3: Create a Communication Port
- Step 4: Determine Device Type
- Step 5: Create IO Tags

Phase 2: Download Project to SCADA Node

Phase 3: Draw / DrawDAQ (Creating Graphic User Interface (GUI))

Phase 4: Download Draw / DrawDAQ to SCADA Node

Phase 5: Start Kernel (Run at SCADA Node)

Phase 6: View / ViewDAQ (Graphic Display)

Step 1. Create a Project Node

- Create a Project Name
- Assign Project Node IP Address

Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
- Create a SCADA Node Name
- Assign SCADA Node IP Address

Step 3. Determine Communication Port

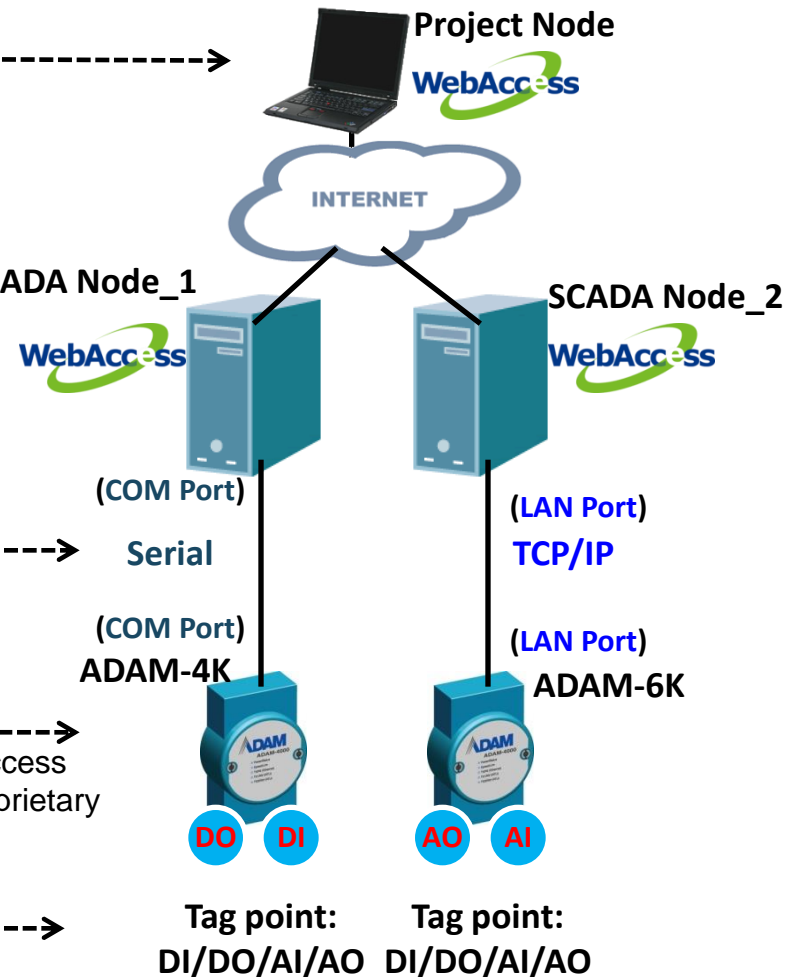
- Example: ADAM-4K Series (COM Port) => Serial
- Example: ADAM-6K Series (LAN Port) => TCP/IP

Step 4. Determine Device Type

- Determines the communication Protocol used by WebAccess
- Example, Modbus RTU, Modbus Ethernet, Or Other Proprietary Protocol etc...

Step 5. Create Tags/Assign Tag Addresses

- Create and assign tag address according to physical DI/DO/AI/AO point of Automation Device.
- Each "Tag" is a unique identifier



Tag Introduction - Hardware Tag-

- **WebAccess has two types of Tag:**
 - **Hardware Tag (connect to hardware)**
 - **Software Tag (NOT read hardware IO directly)**
 - **Constant Tag**
 - **Accumulation Tag**
 - **Calculation Tag**
 - **System Tag**



ADVANTECH

Phase 1:

Project Home

(Link WebAccess to the Hardware)

Phase 1: Project Home

Step 1. Create a Project Node

- Create a Project Name
- Assign Project Node IP Address



Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
- Create a SCADA Node Name
- Assign SCSDA Node IP Address

SCADA Node_1



(COM Port)

Serial

(COM Port)
ADAM-4K



Tag point:
DI/DO/AI/AO

SCADA Node_2



(LAN Port)

TCP/IP

(LAN Port)

ADAM-6K



Tag point:
DI/DO/AI/AO

Step 3. Determine Communication Port

- Example: ADAM-4K Series (COM Port) => Serial
- Example: ADAM-6K Series (LAN Port) => TCP/IP


Step 4. Determine Device Type

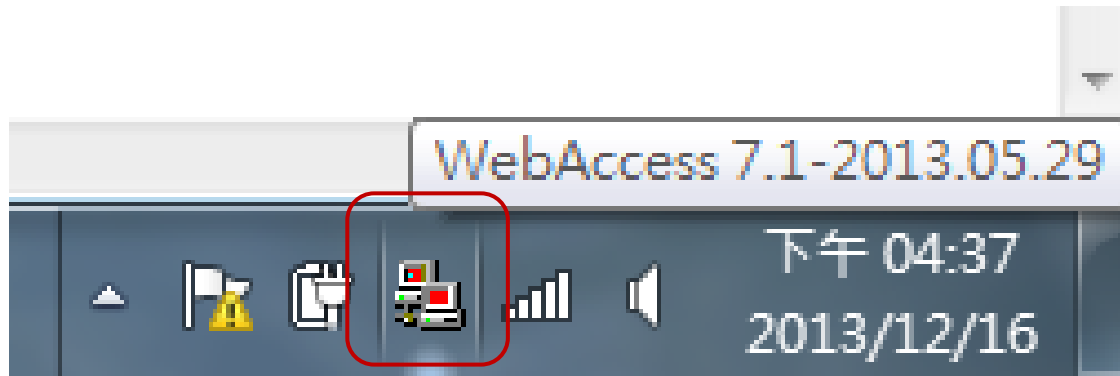
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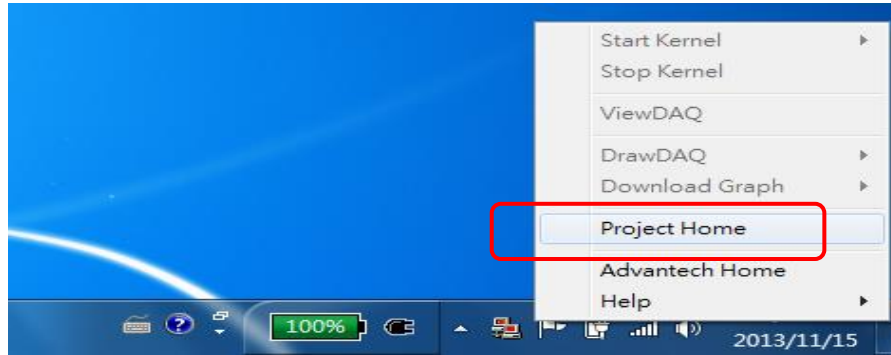
Phase 1: Project Home

- After finishing WebAccess installation and rebooting the computer, there will be a small computer icon  appears in the right bottom side of the screen.
- Move mouse cursor over the computer icon, it will show WebAccess version and released date.



Phase 1: Project Home

- Move mouse cursor over the WebAccess icon and clicking left button of mouse. Select “Project Home”



- Clicking “Project Management”



Phase 1: Project Home

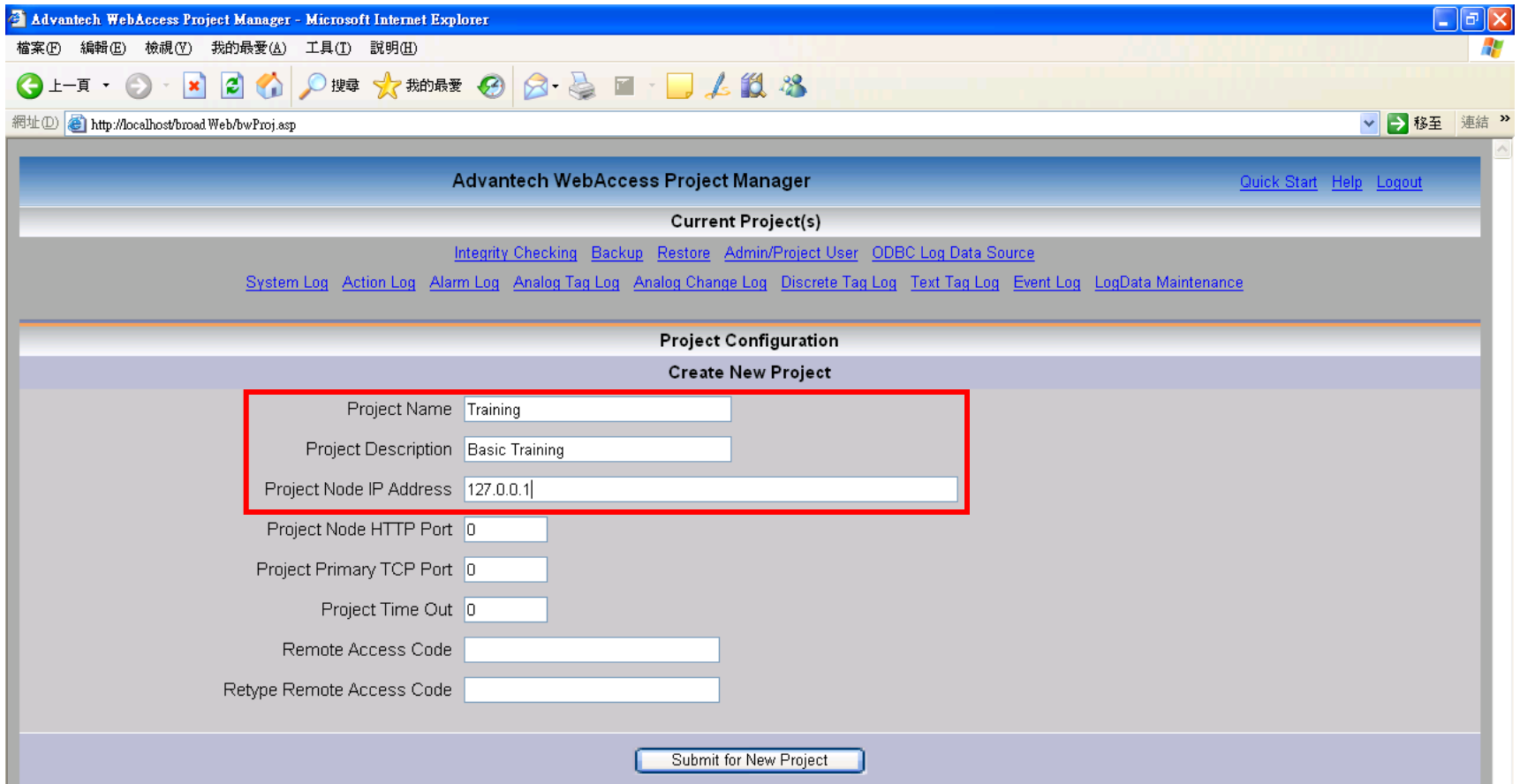
- User name is “Admin” and there is no password in default setup.
- Directly click “Login” button to log into the WebAccess

A screenshot of the HMI/SCADA login interface. It features a blue gradient background. At the top, it says "HMI/SCADA". Below that are two input fields: the first contains "admin" and is labeled "Login Name" below it; the second is empty and is labeled "Password" below it. To the right of the password field is a "Login" button, which is highlighted with a red rectangle. At the bottom, it says "FULL BROWSER BASED".

HMI/SCADA	
admin	
Login Name	Password
FULL BROWSER BASED	

Phase 1 - Step 1: Creating a Project Node

- Enter Project Name (ex. Training) and IP Address(127.0.0.1)
- Either IP Address or Computer Name is allowed in Project Name
- Click “Submit for New Project” after entering Project Name and IP Address



Advantech WebAccess Project Manager - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 ★ 我的最愛

網址(1) http://localhost/broad Web/bwProj.asp 移至 連結 »

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Logout](#)

Current Project(s)

[Integrity Checking](#) [Backup](#) [Restore](#) [Admin/Project User](#) [ODBC Log Data Source](#)

[System Log](#) [Action Log](#) [Alarm Log](#) [Analog Tag Log](#) [Analog Change Log](#) [Discrete Tag Log](#) [Text Tag Log](#) [Event Log](#) [LogData Maintenance](#)

Project Configuration

Create New Project

Project Name

Project Description

Project Node IP Address

Project Node HTTP Port

Project Primary TCP Port

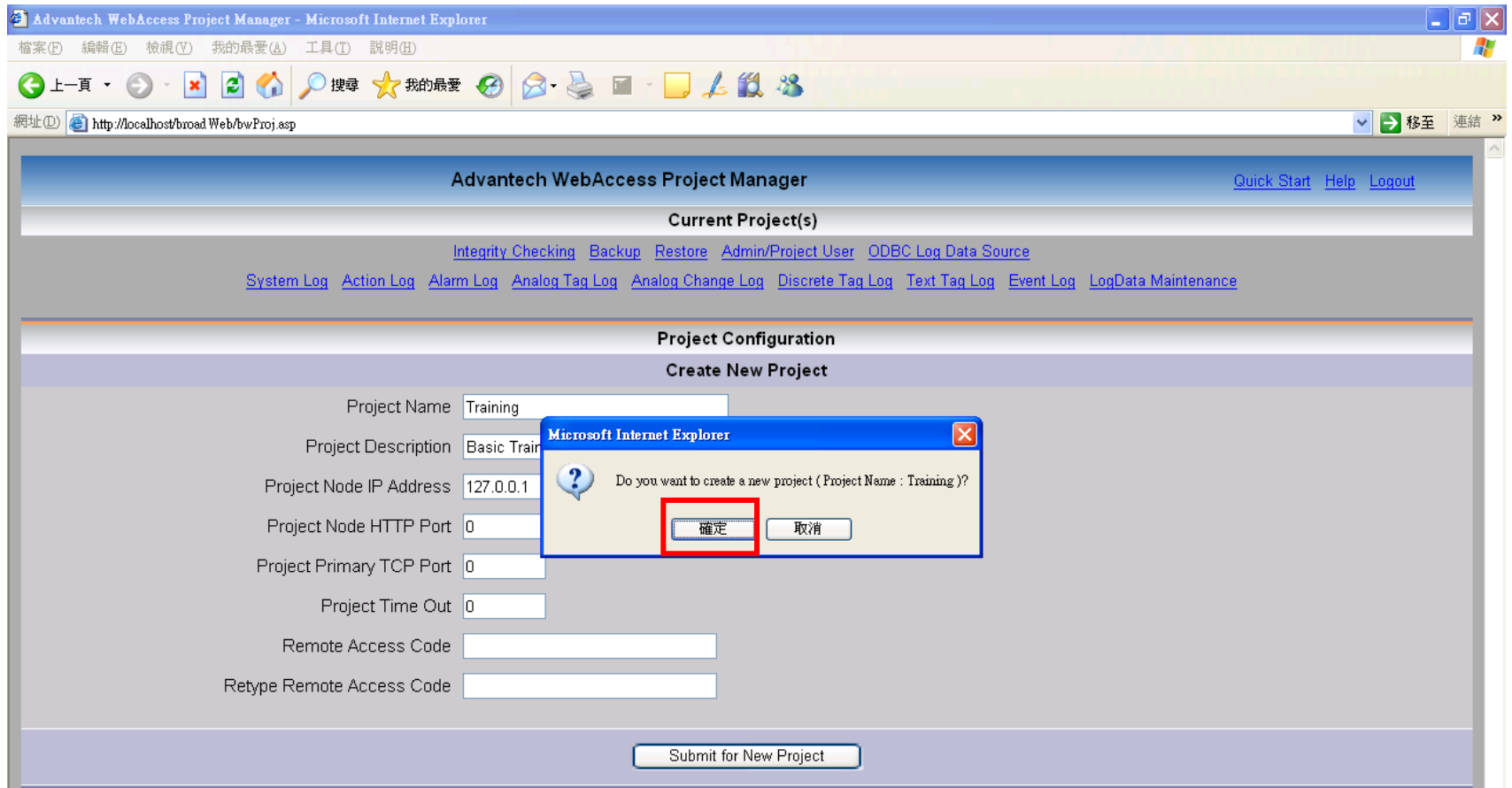
Project Time Out

Remote Access Code

Retype Remote Access Code

Phase 1 - Step 1: Creating a Project Node

- After clicking “Submit for New Project” button, a confirmation dialog box will pop out.
- Click “Yes” to create the project



Phase 1: Project Home

Step 1. Create a Project Node

- Create a Project Name
- Assign Project Node IP Address



Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
- Create a SCADA Node Name
- Assign SCADA Node IP Address

SCADA Node_1



SCADA Node_2



Step 3. Determine Communication Port

- Example: ADAM-4K Series (COM Port) => Serial
- Example: ADAM-6K Series (LAN Port) => TCP/IP

(COM Port)

Serial

(COM Port)

ADAM-4K

(LAN Port)

TCP/IP

(LAN Port)

ADAM-6K

Step 4. Determine Device Type

- Determines the communication Protocol used by WebAccess
- Example, Modbus RTU, Modbus Ethernet, Or Other Proprietary Protocol etc...



Step 5. Create Tags/Assign Tag Addresses

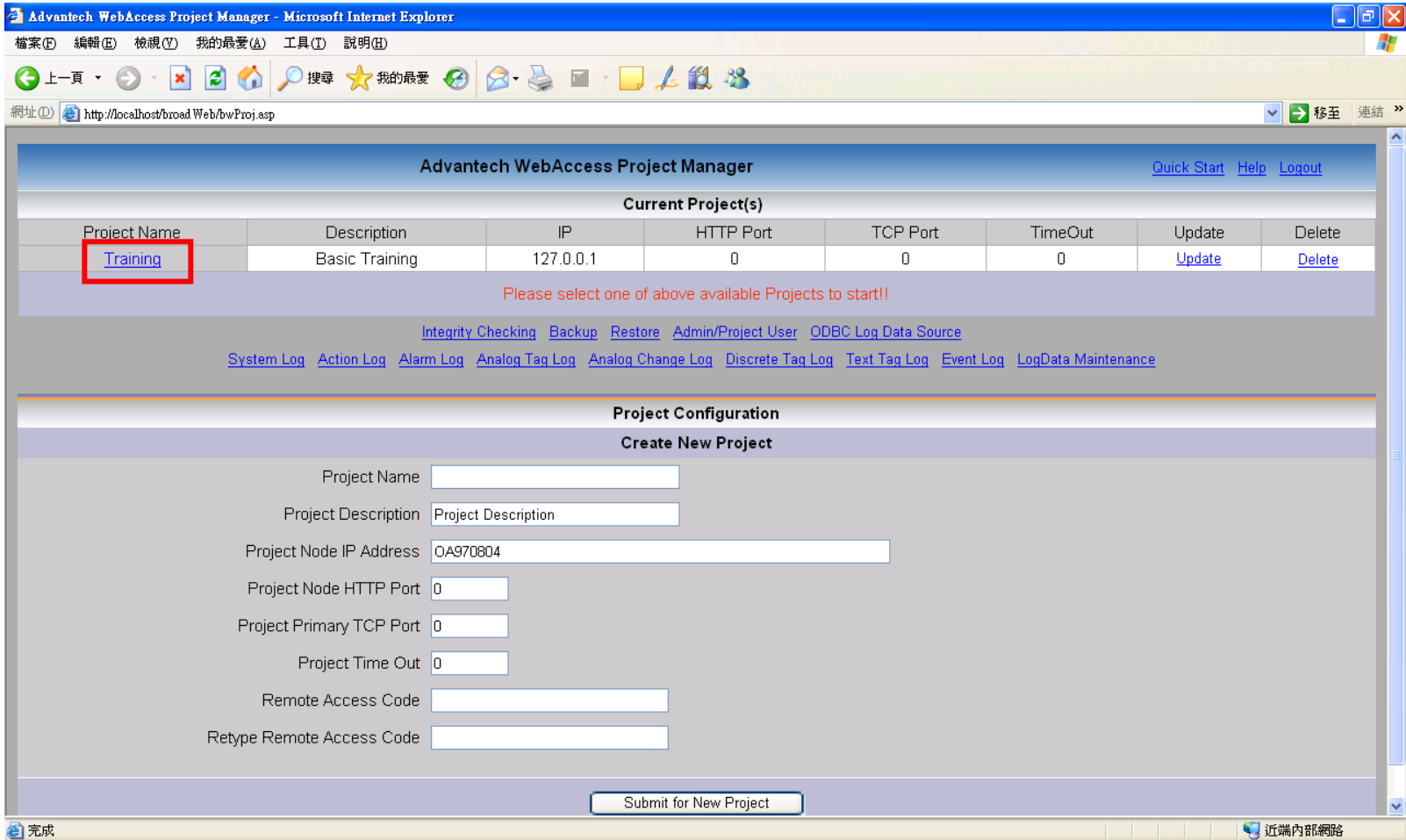
- Create and assign tag address according to physical DI/DO/AI/AO point of Automation Device.
- Each "Tag" is a unique identifier

Tag point:
DI/DO/AI/AO

Tag point:
DI/DO/AI/AO

Phase 1 - Step 2: Creating a SCADA Node

- The Project Node is created.
- Click “Training” to create a SCADA Node



Advantech WebAccess Project Manager

Quick Start Help Logout

Project Name	Description	IP	HTTP Port	TCP Port	TimeOut	Update	Delete
Training	Basic Training	127.0.0.1	0	0	0	Update	Delete

Please select one of above available Projects to start!!

[Integrity Checking](#)
[Backup](#)
[Restore](#)
[Admin/Project User](#)
[ODBC Log Data Source](#)

[System Log](#)
[Action Log](#)
[Alarm Log](#)
[Analog Tag Log](#)
[Analog Change Log](#)
[Discrete Tag Log](#)
[Text Tag Log](#)
[Event Log](#)
[LogData Maintenance](#)

Project Configuration

Create New Project

Project Name

Project Description

Project Node IP Address

Project Node HTTP Port

Project Primary TCP Port

Project Time Out

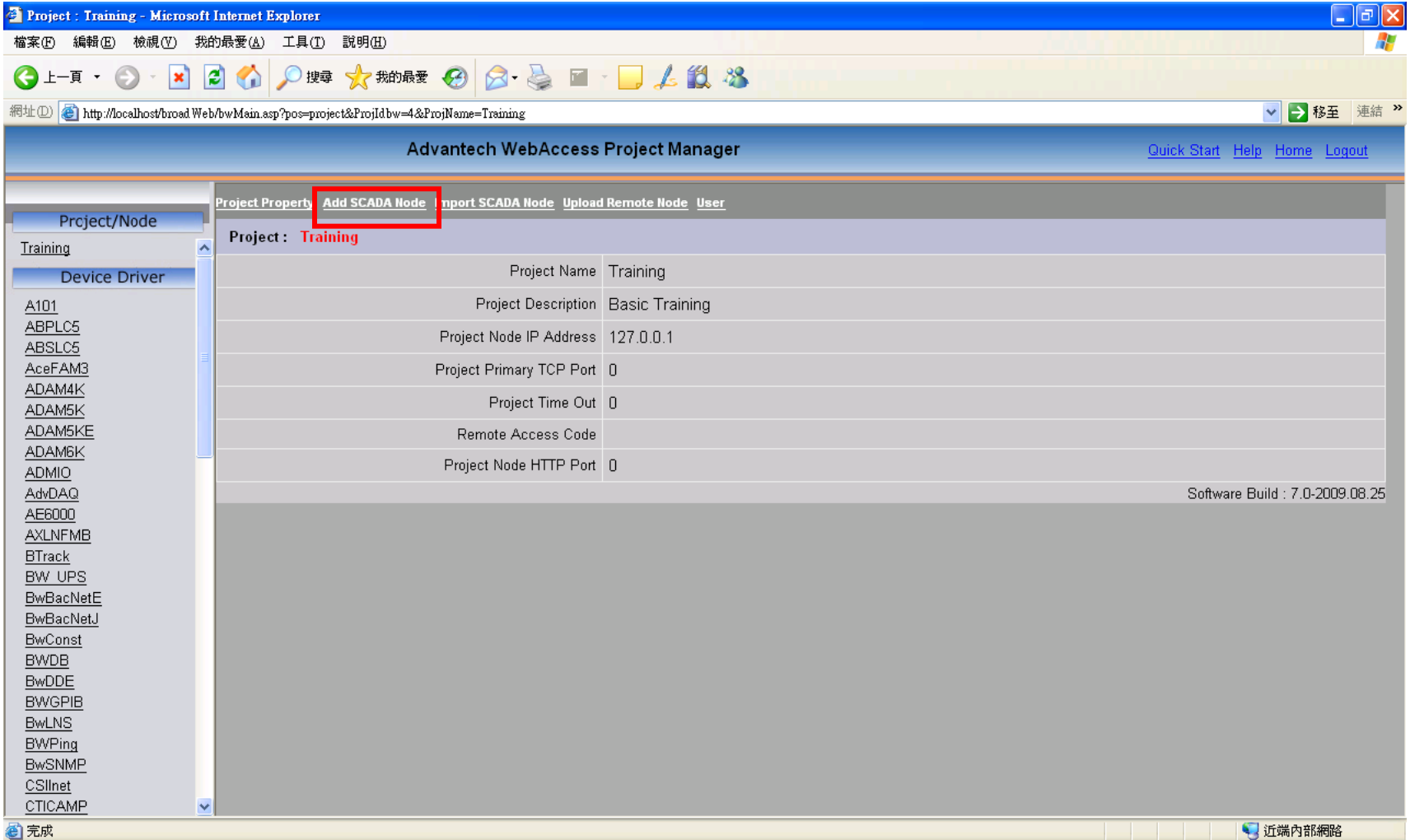
Remote Access Code

Retype Remote Access Code

完成 近端内部網路

Phase 1 - Step 2: Creating a SCADA Node

- Click “Add SCADA Node”



Project : Training - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址() http://localhost/broad Web/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training

Advantech WebAccess Project Manager

Quick Start Help Home Logout

Project Property **Add SCADA Node** Import SCADA Node Upload Remote Node User

Project : **Training**

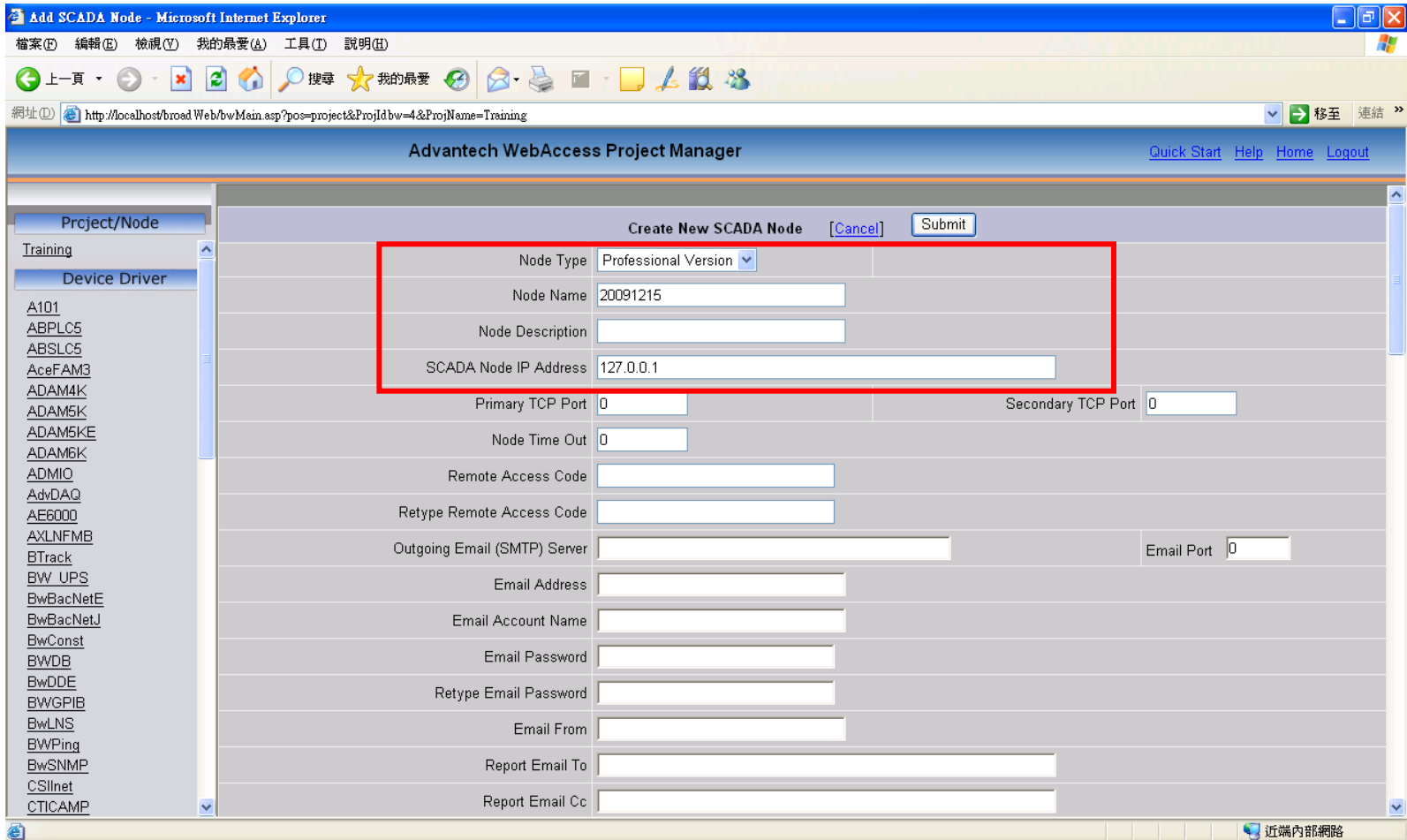
Project Name	Training
Project Description	Basic Training
Project Node IP Address	127.0.0.1
Project Primary TCP Port	0
Project Time Out	0
Remote Access Code	
Project Node HTTP Port	0

Software Build : 7.0-2009.08.25

完成 近端內部網路

Phase 1 - Step 2: Creating a SCADA Node

- **Node Type: Professional Version** (depend on your computer)
- **Node Name (ex. 20091215) and IP Address (ex. 127.0.0.1)**



Add SCADA Node - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址(1) http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Project/Node

Training

Device Driver

A101
ABPLC5
ABS5LC5
AceFAM3
ADAM4K
ADAM5K
ADAM5KE
ADAM6K
ADMIQ
AdvDAQ
AE6000
AXLNFBM
BTrack
BW UPS
BwBacNetE
BwBacNetJ
BwConst
BWDB
BwDDE
BWGPB
BwLNS
BWPing
BwSNMP
CSIlNet
CTICAMP

Create New SCADA Node [Cancel] [Submit]

Node Type: Professional Version

Node Name: 20091215

Node Description:

SCADA Node IP Address: 127.0.0.1

Primary TCP Port: 0 Secondary TCP Port: 0

Node Time Out: 0

Remote Access Code:

Retype Remote Access Code:

Outgoing Email (SMTP) Server: Email Port: 0

Email Address:

Email Account Name:

Email Password:

Retype Email Password:

Email From:

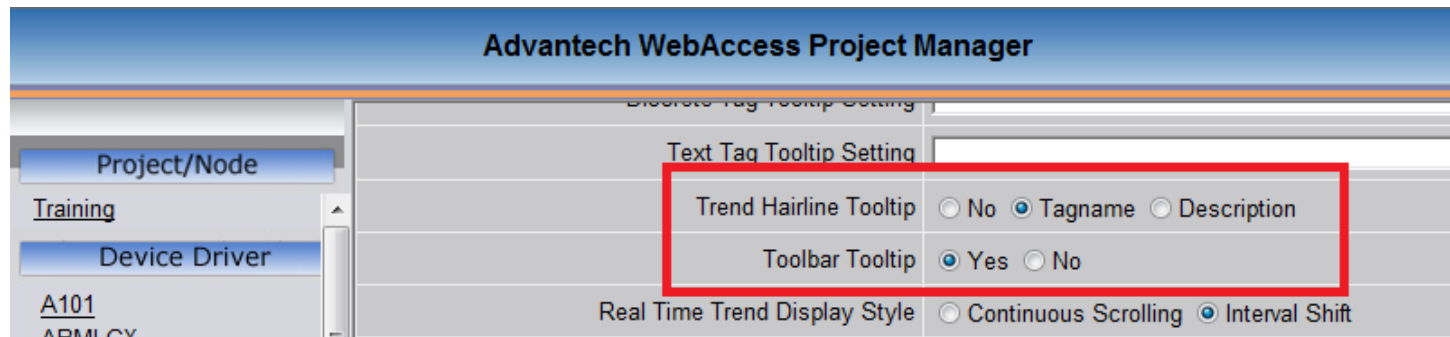
Report Email To:

Report Email Cc:

近端內部網路

Phase 1 - Step 2: Creating a SCADA Node

- Select “Tagname” in Trend Hairline Tooltip
- Click “Yes” in toolbar Tooltip



Advantech WebAccess Project Manager

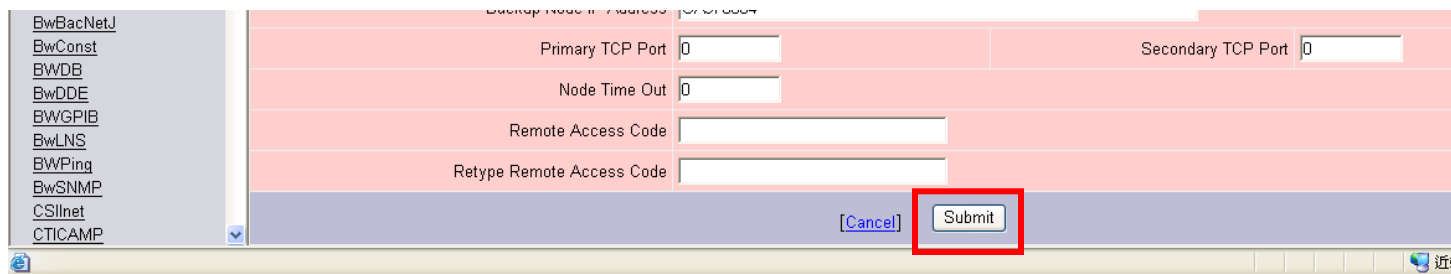
Text Tag Tooltip Setting

Trend Hairline Tooltip: ☐ No ☒ Tagname ☐ Description

Toolbar Tooltip: ☒ Yes ☐ No

Real Time Trend Display Style: ☐ Continuous Scrolling ☒ Interval Shift

- Click “Submit”



Backup Node

Primary TCP Port: 0

Secondary TCP Port: 0

Node Time Out: 0

Remote Access Code:

Retype Remote Access Code:

[Cancel] [Submit]

Phase 1: Project Home

Step 1. Create a Project Node

- Create a Project Name
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Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
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Step 3. Determine Communication Port

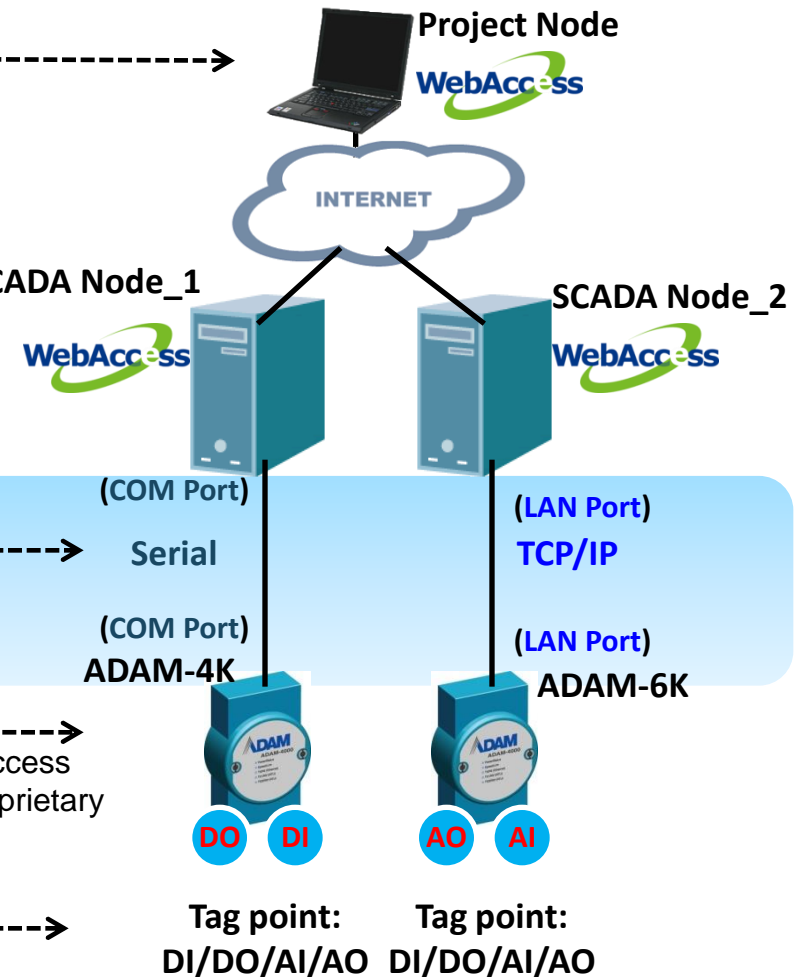
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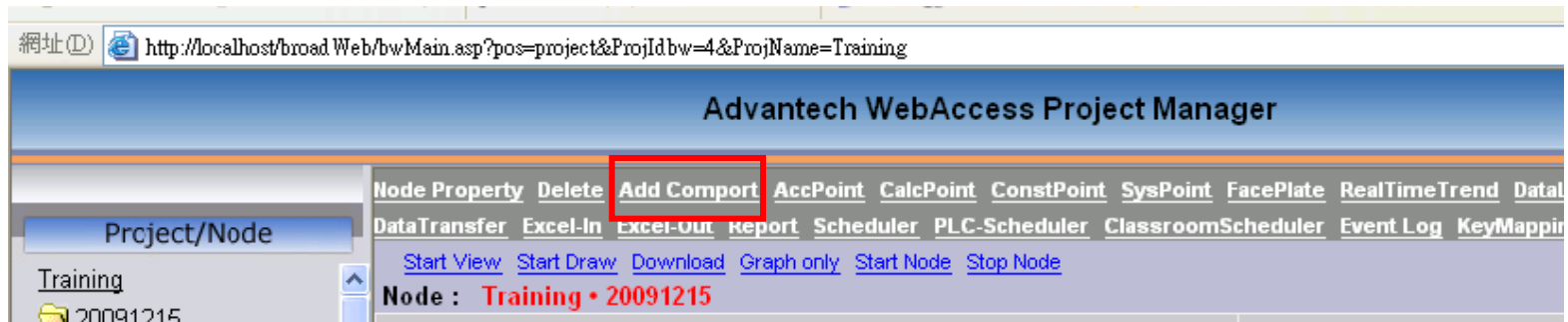
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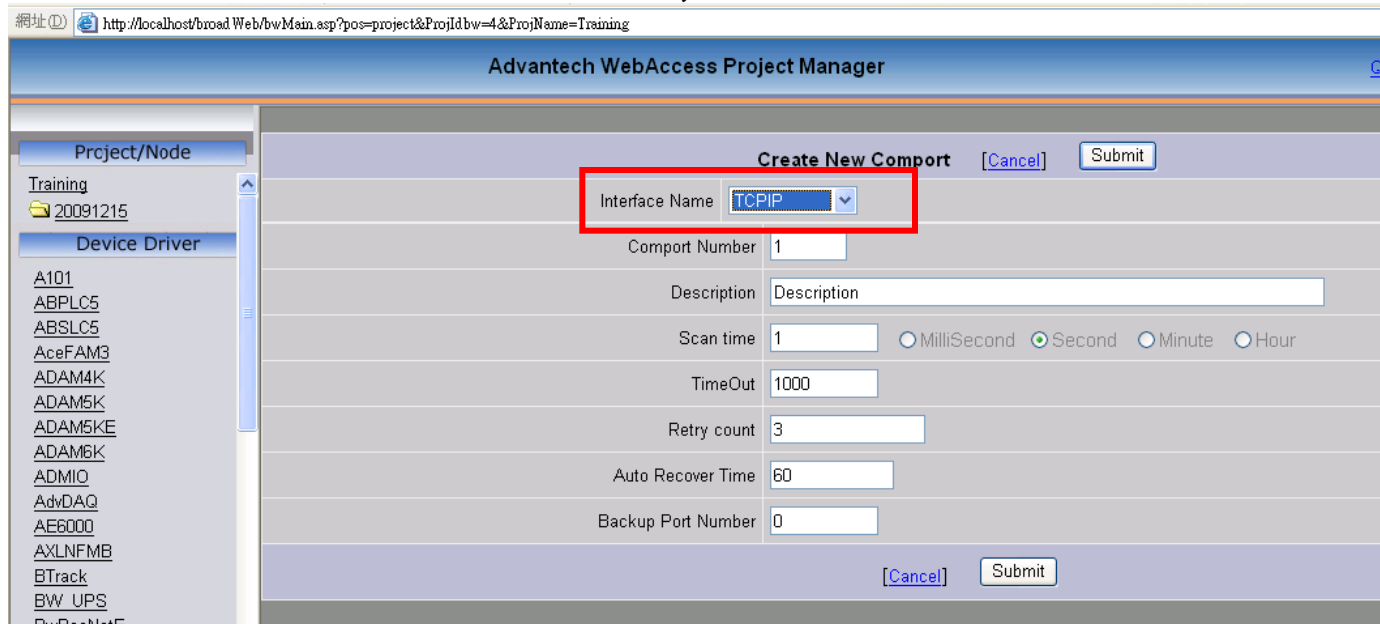


Phase 1 - Step 3: Determine a Comm Port

- SCADA Node is created; click “Add Comport”



- Select “TCPIP” in Interface Name, then click “Submit”



Phase 1: Project Home

Step 1. Create a Project Node

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Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
- Create a SCADA Node Name
- Assign SCADA Node IP Address

Step 3. Determine Communication Port

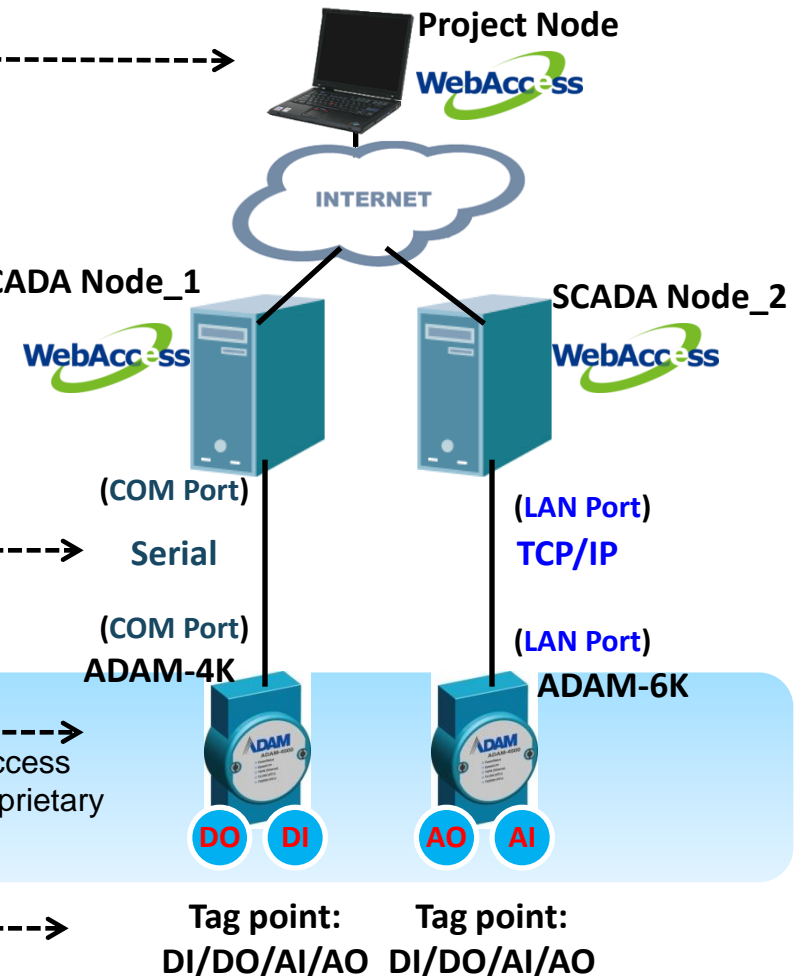
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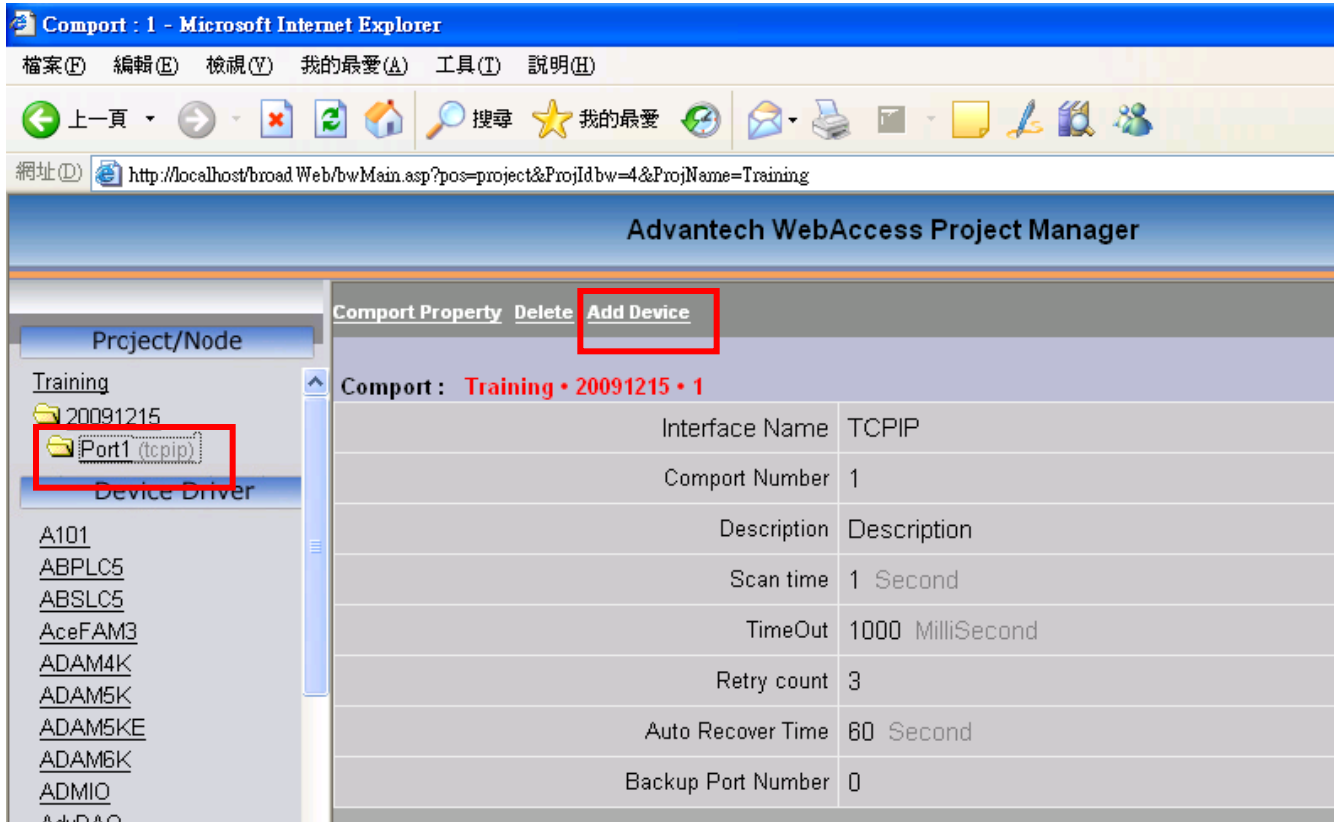
Step 5. Create Tags/Assign Tag Addresses

- Create and assign tag address according to physical DI/DO/AI/AO point of Automation Device.
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Phase 1 - Step 4: Determine a Device Type

- Click “Port1”, then click “Add Device”



Comport : 1 - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

網址(D) http://localhost/broad Web/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager

Project/Node

- Training
 - 20091215
 - Port1 (tcpip)**

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AduDAQ

Comport Property Delete **Add Device**

Comport : **Training • 20091215 • 1**

Interface Name	TCPIP
Comport Number	1
Description	Description
Scan time	1 Second
TimeOut	1000 MilliSecond
Retry count	3
Auto Recover Time	60 Second
Backup Port Number	0

Phase 1 - Step 4: Determine a Communication Port

- **Device Type: Modicon**
- **Device Name: modbusTCP (any name user wants to enter)**
- **Unit Number: 1**
- **IP Address: 127.0.0.1**
- **Port Number: 502 (based on ModSim32 setup)**
- **Device Address: 1**
- **After entering the above info, click “Submit” button**

網址 (D) http://localhost/broad Web/bwMain.asp?pos=project&ProjId=bw-4&ProjName=Training

Advantech WebAccess Project Manager

Project/Node

Training

- 20091215
- Port1 (tcpip)

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000
- AXLNFBM
- BTrack
- BW_UPS
- BwBacNetE
- BwBacNetJ
- BwConst
- BWDB

Create New Device [Cancel] Submit

Device Name	modbusTCP		
Description	read ModSim32		
Unit Number	1		
Device Type	Modicon		
Primary	IP Address	127.0.0.1	
	Port Number	502	
	Device Address	1 <small>if other than Unit Number</small>	
Secondary	IP Address		
	Port Number		
	Device Address		
Use UDP :	0	Packet Delay (ms) :	0
Digital block size :	512	Analog block size :	64

[Cancel] Submit

Phase 1: Project Home

Step 1. Create a Project Node

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Step 2. Create a SCADA Node

- Connecting to all kind of Automation Devices
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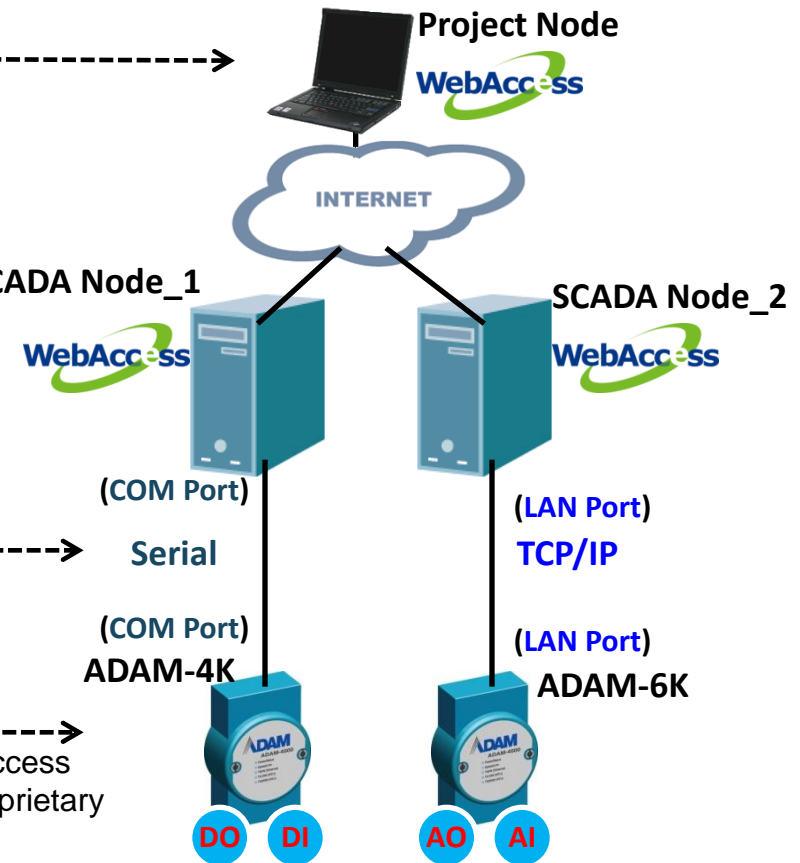
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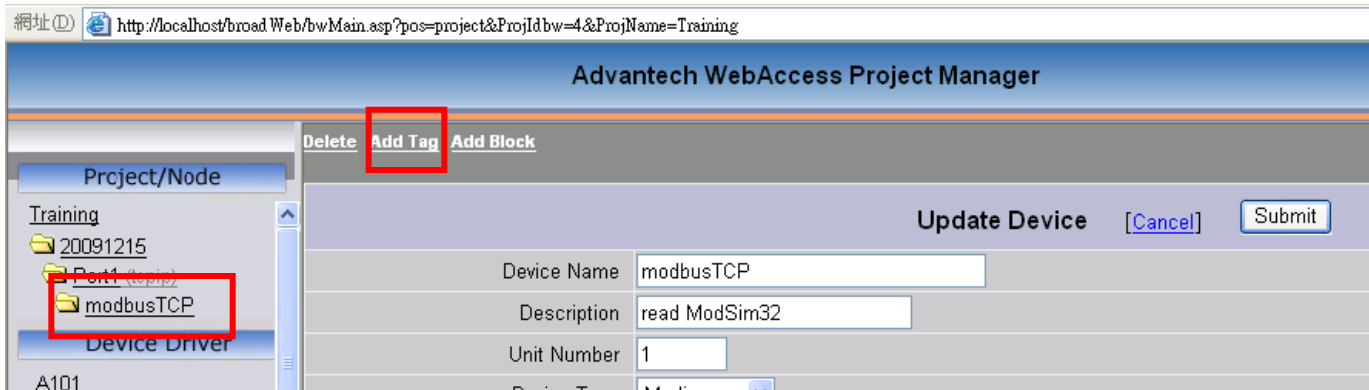
- Create and assign tag address according to physical DI/DO/AI/AO point of Automation Device.
- Each "Tag" is a unique identifier



Tag point: DI/DO/AI/AO Tag point: DI/DO/AI/AO

Phase 1 - Step 5: Create Tags / Assign Tag Addresses

- modbusTCP device will be created, then click “Add Tag”
- We have to create one DI tag to get Modbus DI value.



Advantech WebAccess Project Manager

Project/Node: Training

20091215

Port1 (tcpip)

modbusTCP

Device Driver: A101

Buttons: Delete, Add Tag, Add Block

Update Device [Cancel] Submit

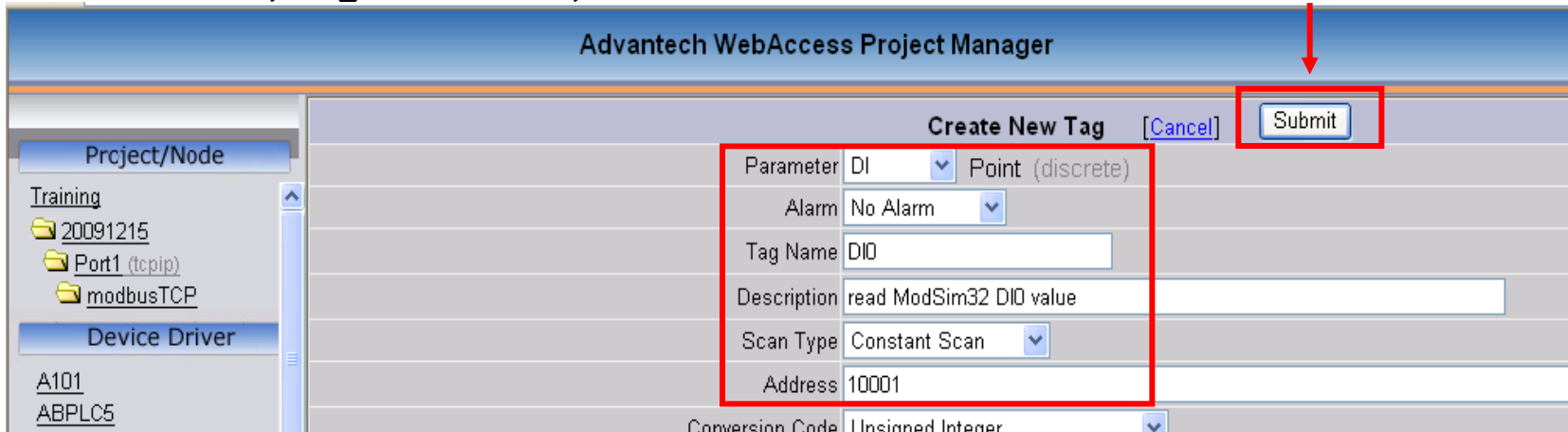
Device Name: modbusTCP

Description: read ModSim32

Unit Number: 1

- The following three fields must be filled.
- Parameter: DI; Tag Name: DIO; Address 10001

Click “submit” after entering all necessary info



Advantech WebAccess Project Manager

Project/Node: Training

20091215

Port1 (tcpip)

modbusTCP

Device Driver: A101, ABPLC5

Buttons: Create New Tag, [Cancel], Submit

Parameter: DI (Point (discrete))

Alarm: No Alarm

Tag Name: DIO

Description: read ModSim32 DIO value

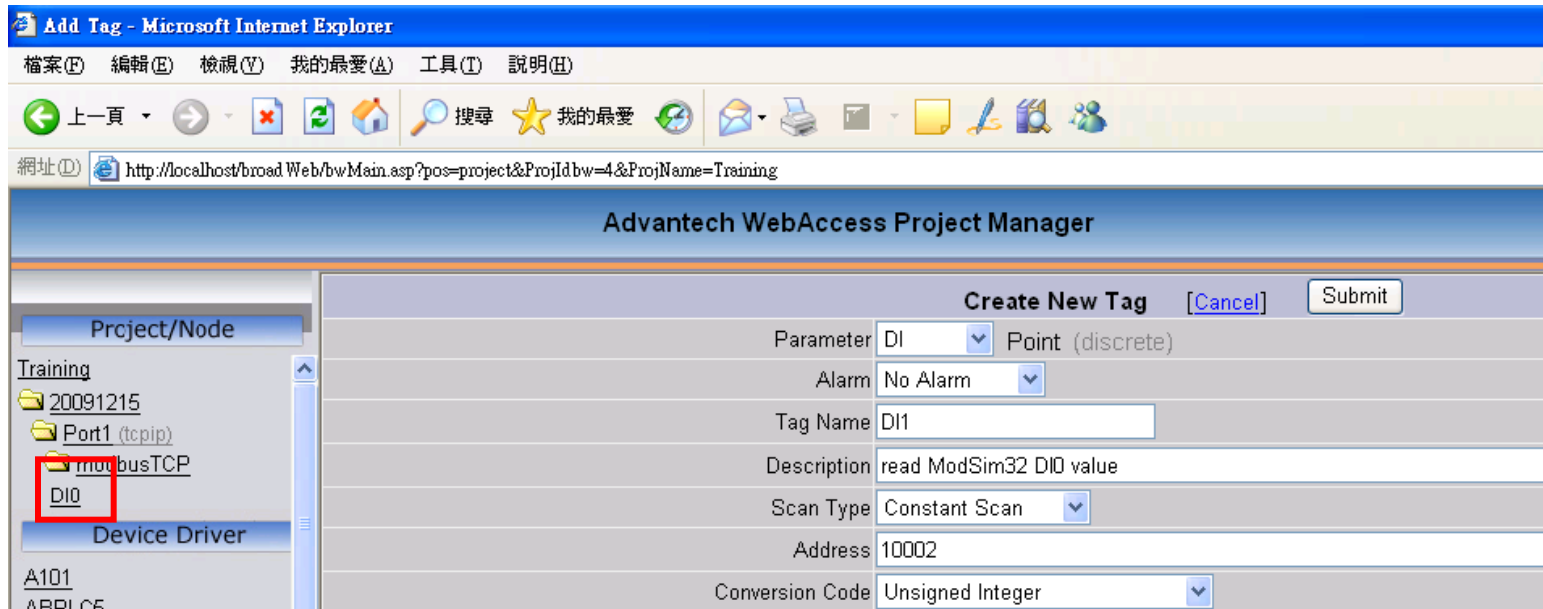
Scan Type: Constant Scan

Address: 10001

Conversion Code: Unsigned Integer

Phase 1 - Step 5: Create Tags / Assign Tag Addresses

- The created tag will show on the right hand side.



The screenshot shows the 'Add Tag' dialog box in the Advantech WebAccess Project Manager. The left sidebar shows a tree view with 'Training' selected, and 'DI0' is highlighted under 'Port1 (tcpip)'. The main area displays the 'Create New Tag' form with the following fields:

Create New Tag		[Cancel]	Submit
Parameter	DI	Point (discrete)	
Alarm	No Alarm		
Tag Name	DI1		
Description	read ModSim32 DI0 value		
Scan Type	Constant Scan		
Address	10002		
Conversion Code	Unsigned Integer		

- After SCADA Node and tag are created, we have to download them to the SCADA Node computer. In this practice, Project Node and SCADA node are in the same computer (IP Address: 127.0.0.1)

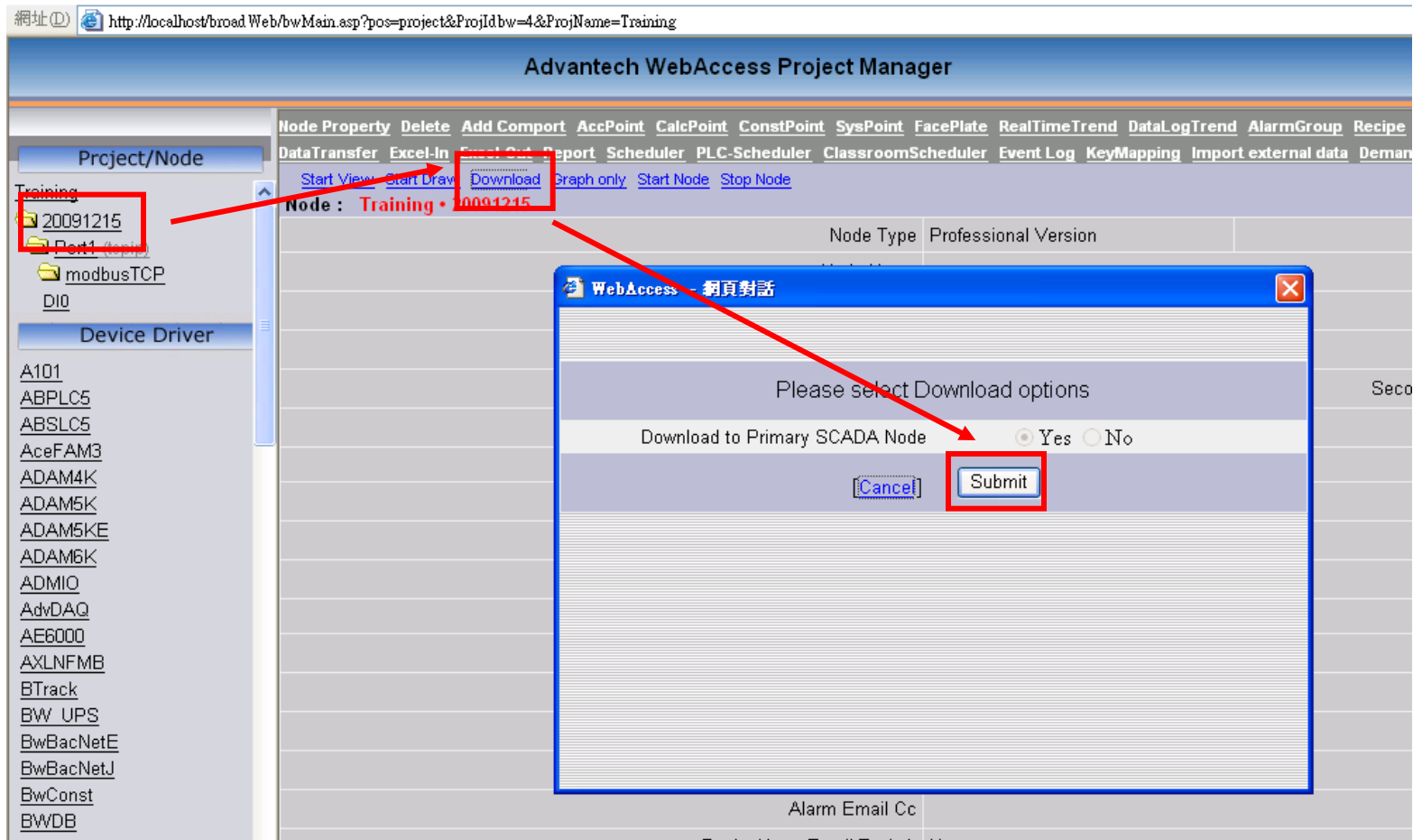


Phase 2:

Download Project to SCADA Node

Phase 2: Download Project to SCADA Node

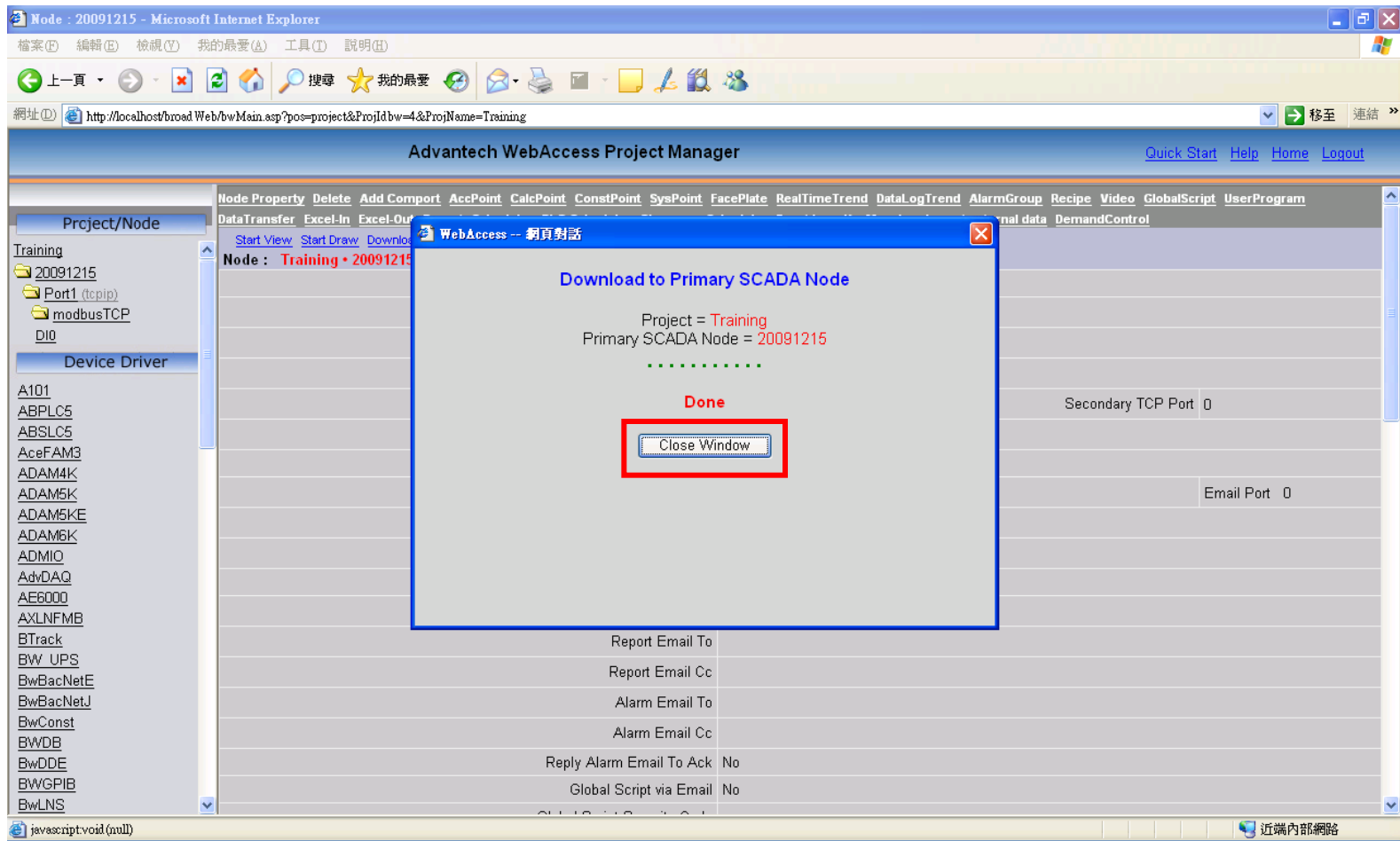
- Click SCADA Node (20091215) and click “Download”
- In the Download dialog box, click “Submit” button

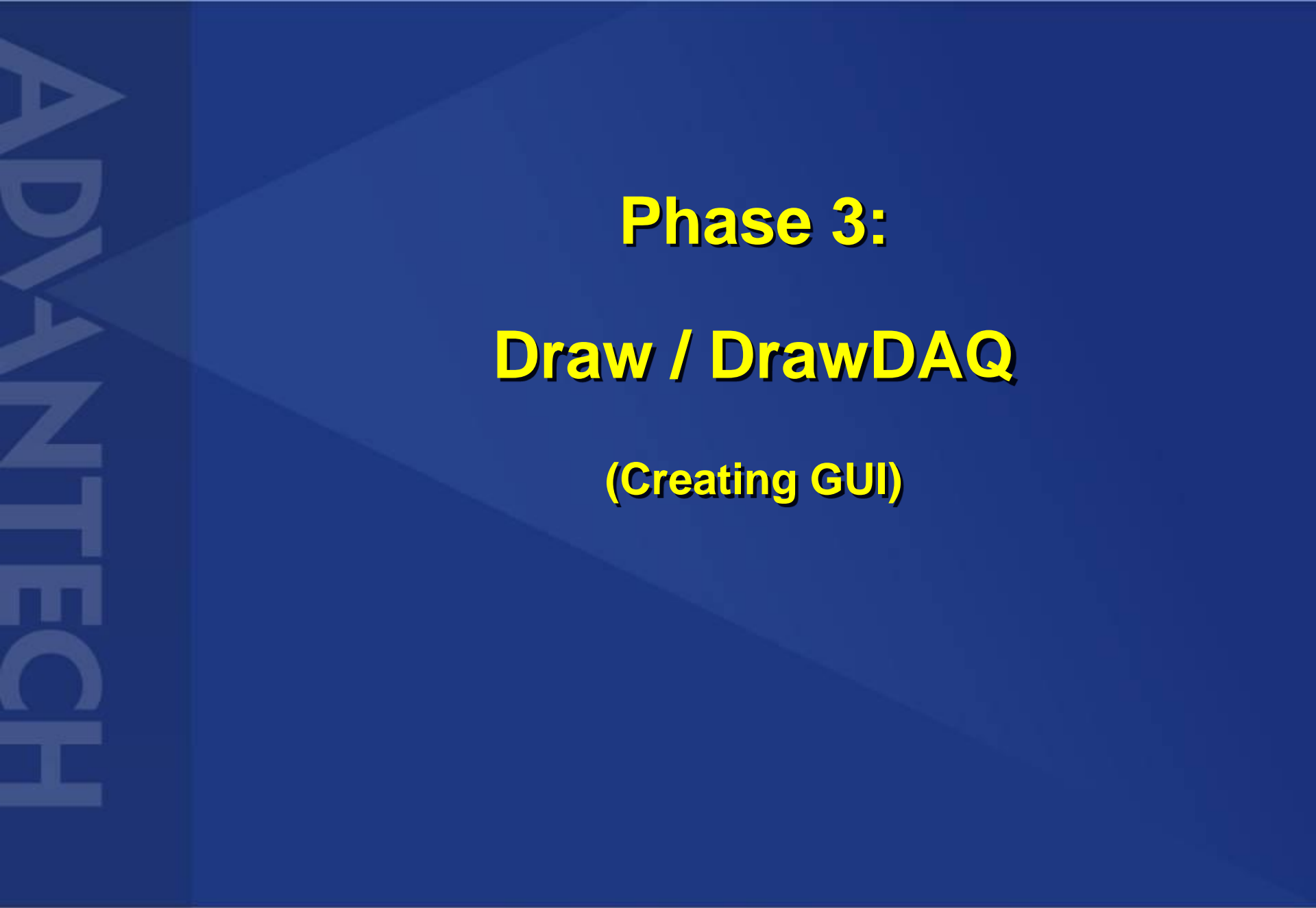


The screenshot shows the Advantech WebAccess Project Manager interface. The address bar at the top displays the URL: <http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training>. The main window is titled "Advantech WebAccess Project Manager". On the left, the "Project/Node" tree shows a project named "Training" with a sub-node "20091215" highlighted by a red box. A red arrow points from this node to the "Download" button in the top menu bar. Another red arrow points from the "Download" button to the "Submit" button in a dialog box. The dialog box, titled "WebAccess 網頁對話", contains the text "Please select Download options" and a section for "Download to Primary SCADA Node" with radio buttons for "Yes" (selected) and "No". The "Submit" button is highlighted by a red box.

Phase 2: Download Project to SCADA Node

- Once the Download process is done, the Done dialog box will pop out. Simply click “Close Window” button to finish the process.

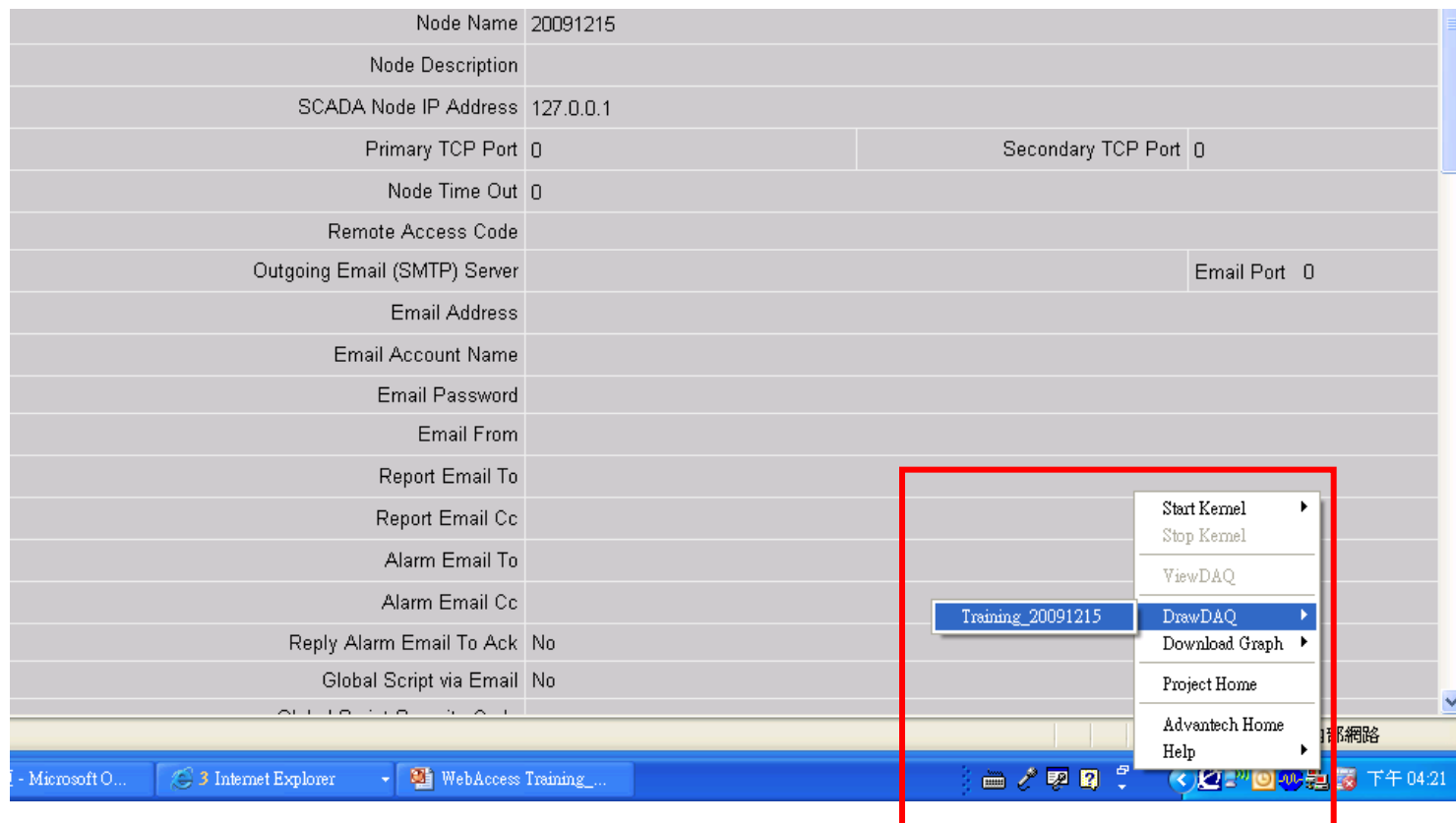




Phase 3:
Draw / DrawDAQ
(Creating GUI)

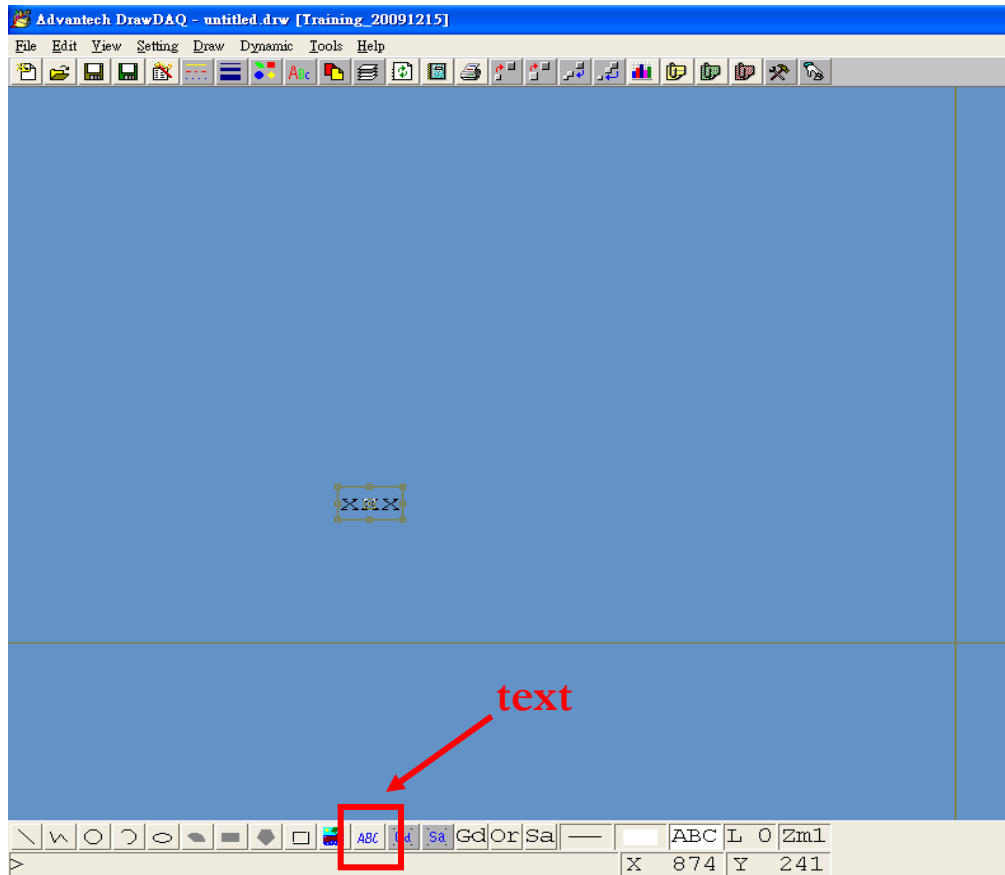
Phase 3: Draw / DrawDAQ

- Now we start to create Graphic User Interface (GUI)
- Move mouse cursor to the computer icon, then click the right button of the mouse.
- DrawDAQ -> Training_20091215



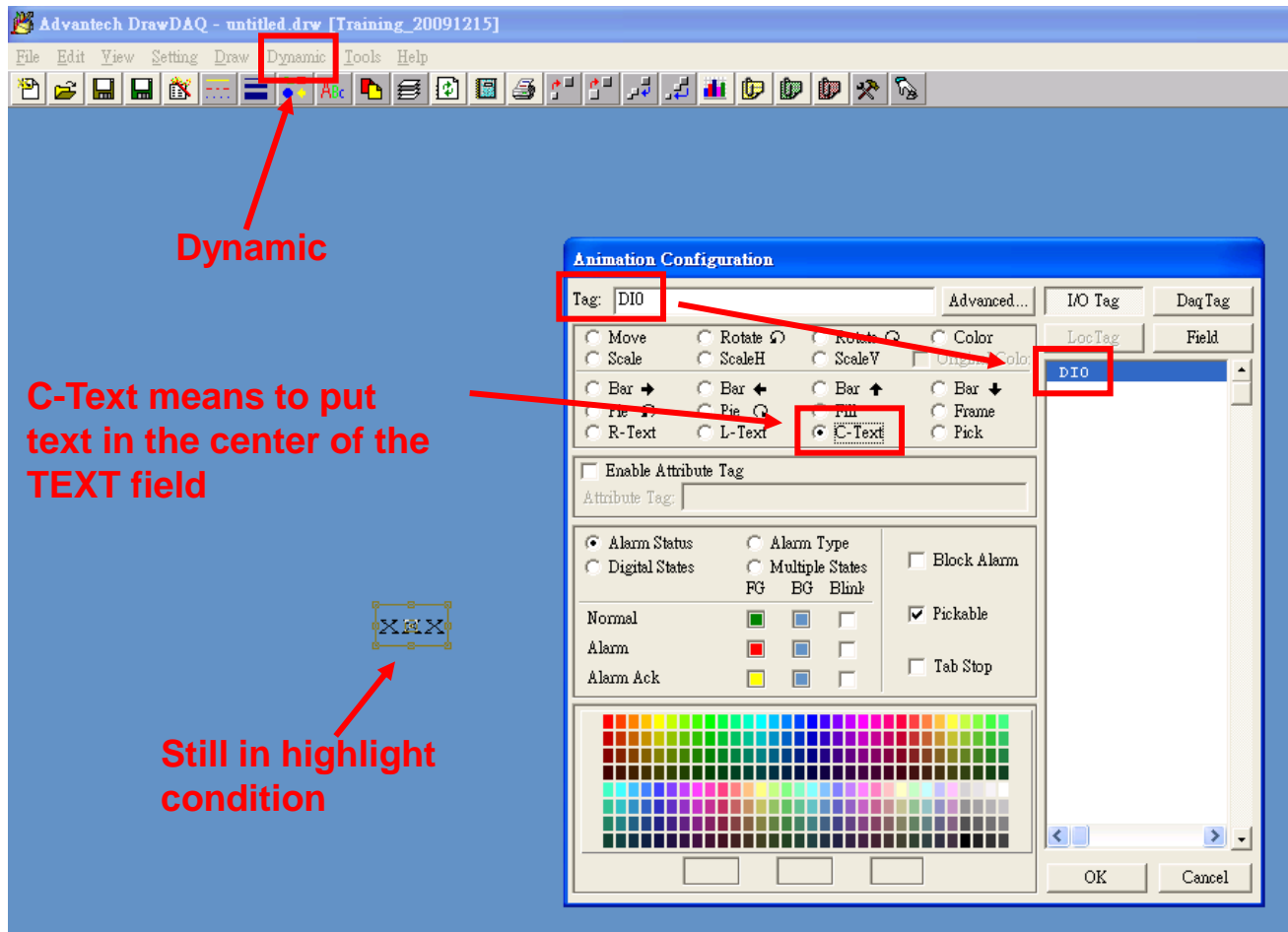
Phase 3: Draw / DrawDAQ

- Click “ABC” button to create a text
- Type any three character (ex. xxx) on the blue screen, and then click “Enter”. The characters (xxx) will be highlighted.



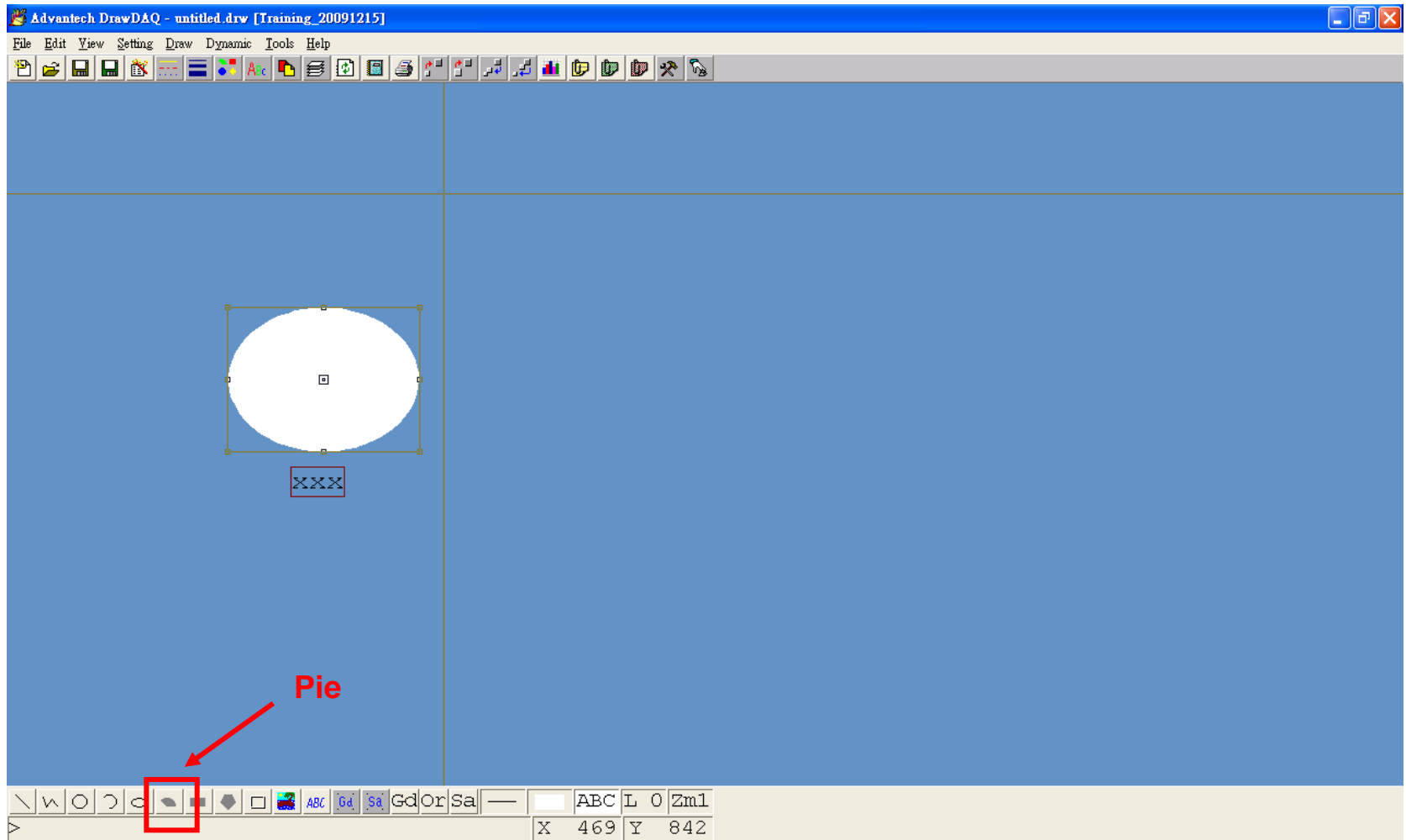
Phase 3: Draw / DrawDAQ

- Click “Dynamic” -> “Animation” -> “Animation Configuration” dialog box will appear. In tag box, select “DI0” and select “C-text”



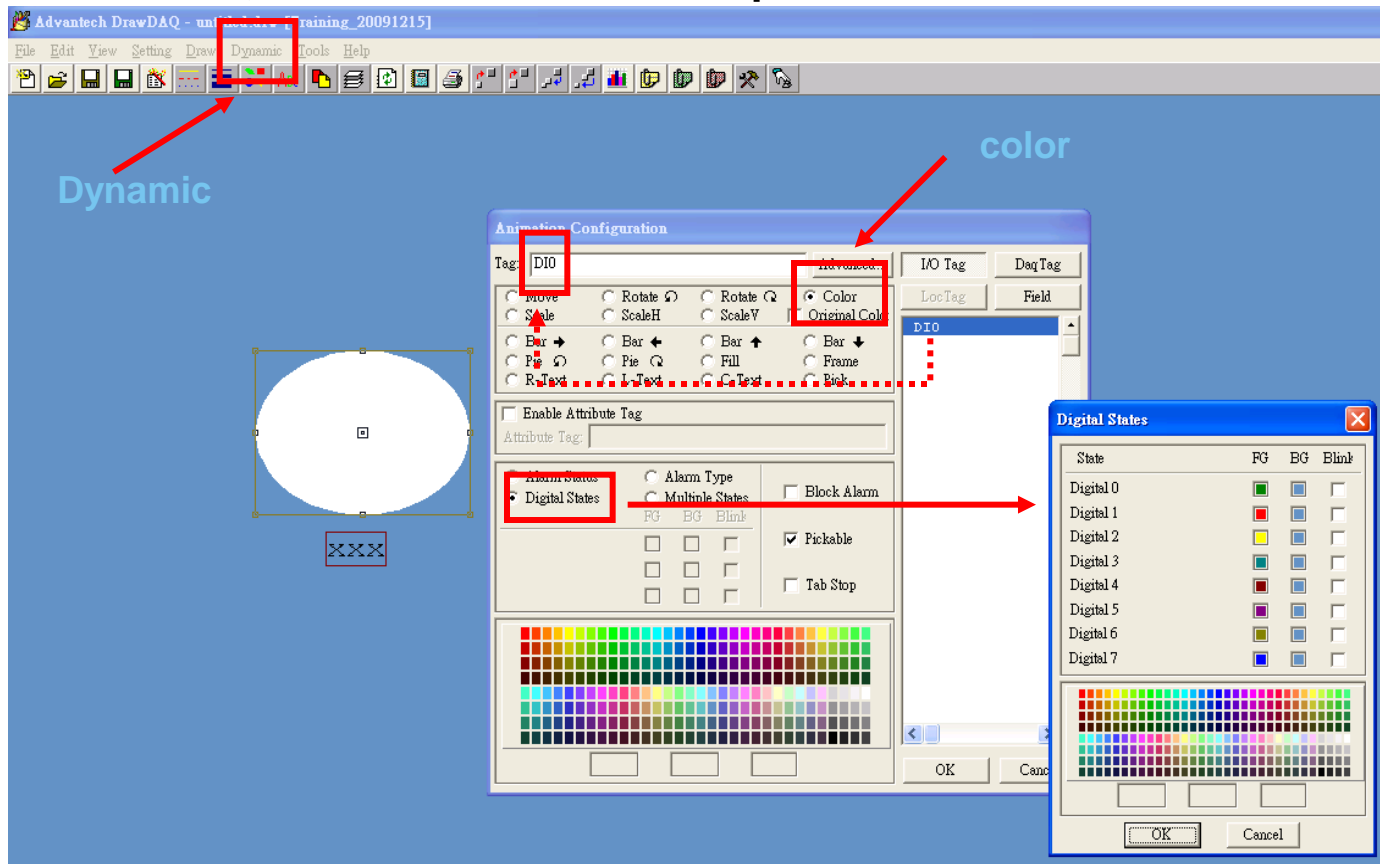
Phase 3: Draw / DrawDAQ

- Now, let's use "Pie" function to draw a circle.



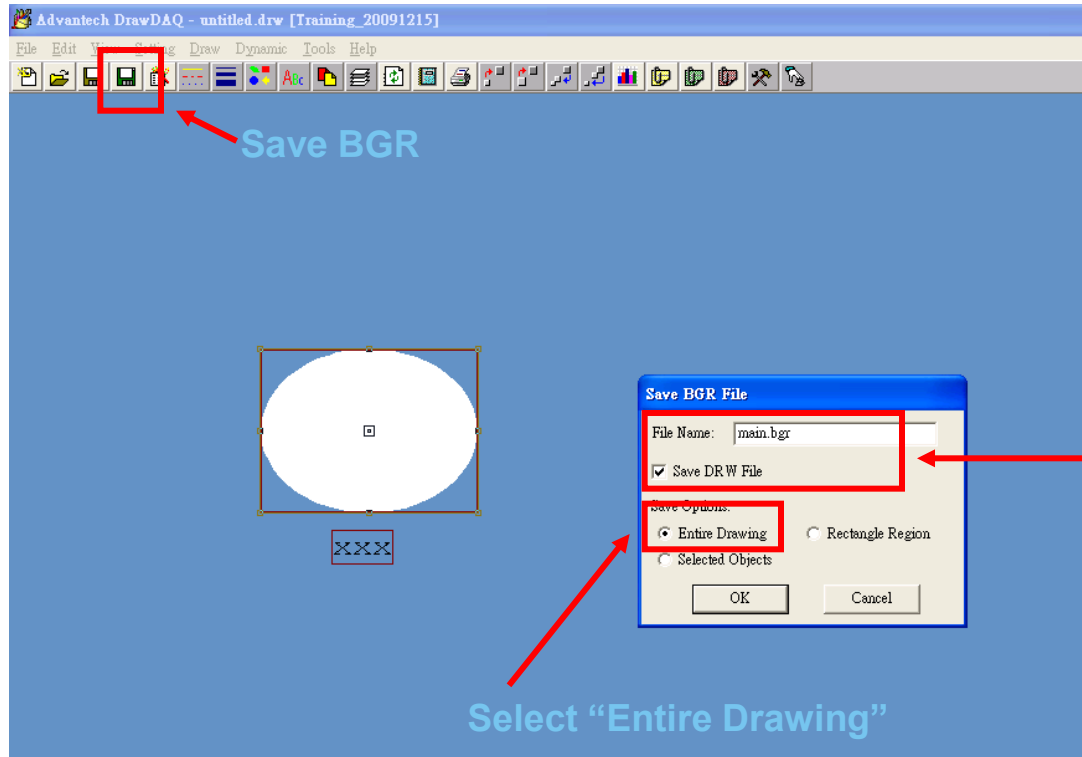
Phase 3: Draw / DrawDAQ

- Click “Dynamic” -> “Animation” -> “Animation Configuration” dialog box will appear. In tag box, select “DI0” and select “Color”
- Because DI0 is DI tag, in “Digital Status”, we can modify IO ON and OFF colors. Last, click OK to save to setup.



Phase 3: Draw / DrawDAQ

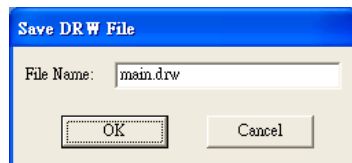
- Click “save BGR” button to save the file.



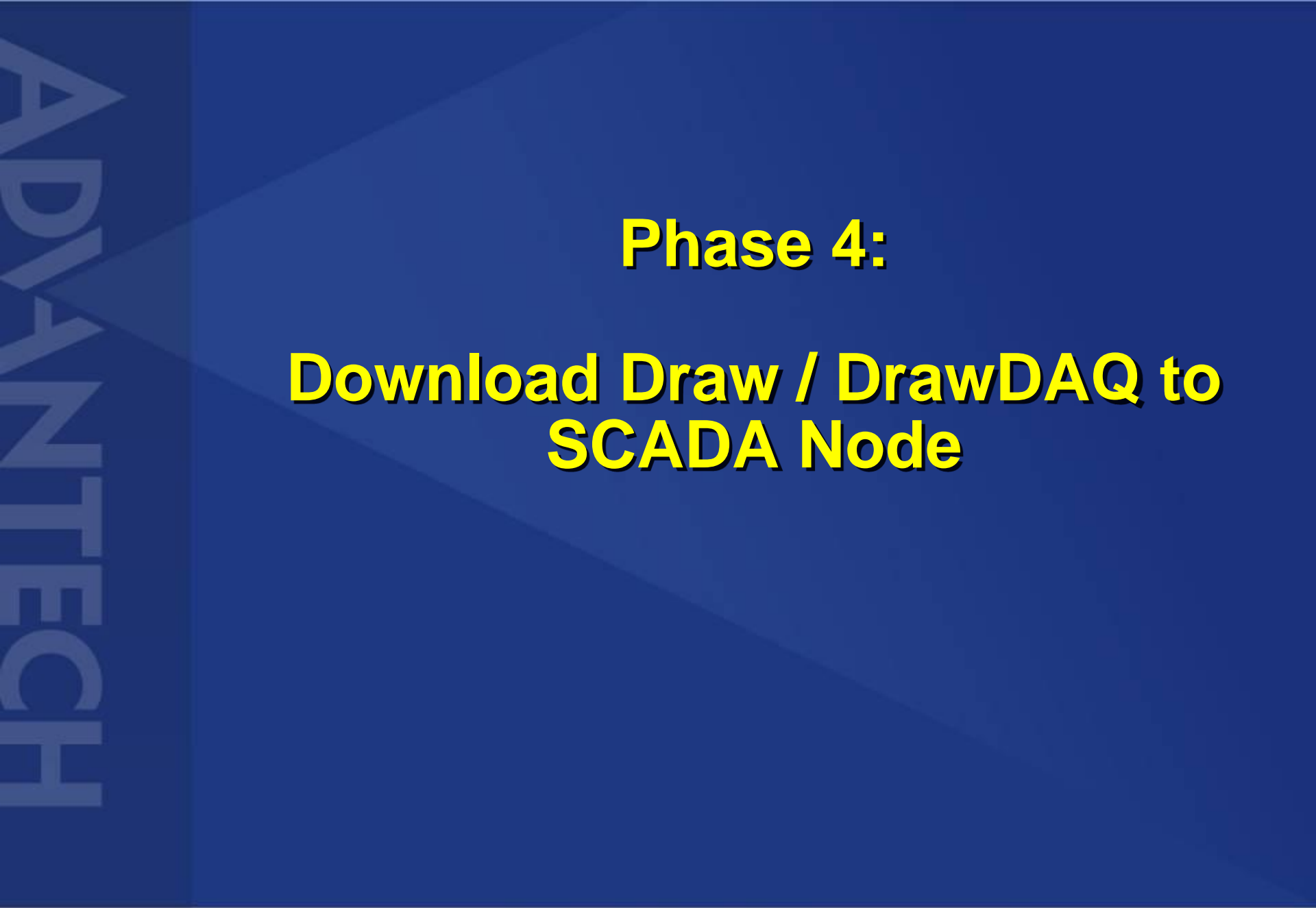
Note:

Let’s save the file as **Main.bgr** because when run View or ViewDAQ, WebAccess will start with the main.bgr page.

Save as “main.bgr”
Put check mark on
“Save DRW file”



After click “OK” on “Save BGR file”, “Save DRW File” dialog box will pop out. Changing the file name to “main.drw”



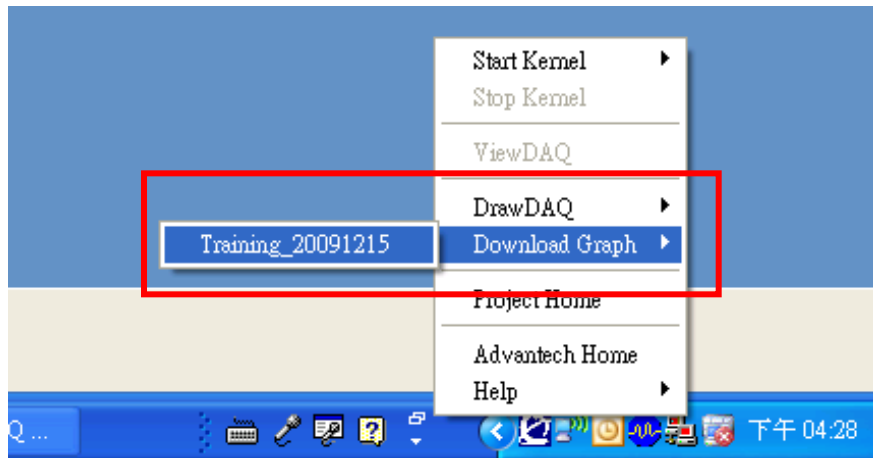
ADVANTECH

Phase 4:

Download Draw / DrawDAQ to SCADA Node

Phase 4: Download Draw / DrawDAQ

- Download the DAQ to SCADA Node
Download Graph -> Training_20091215





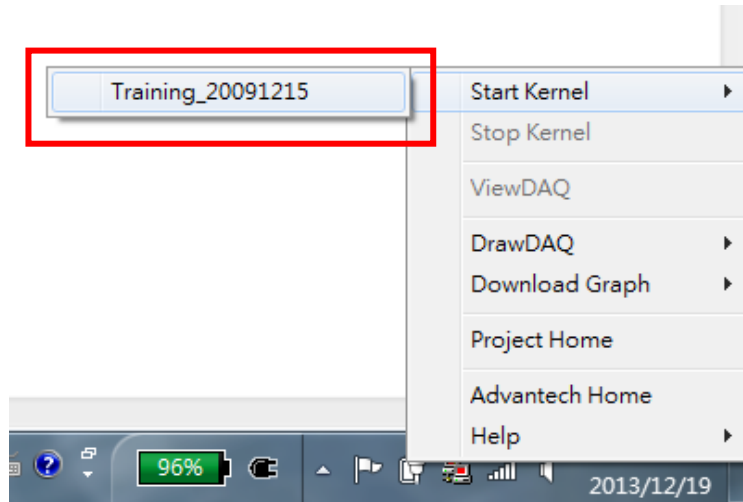
ADVANTECH

Phase 5:

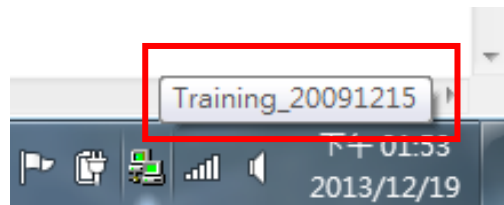
Start Kernel

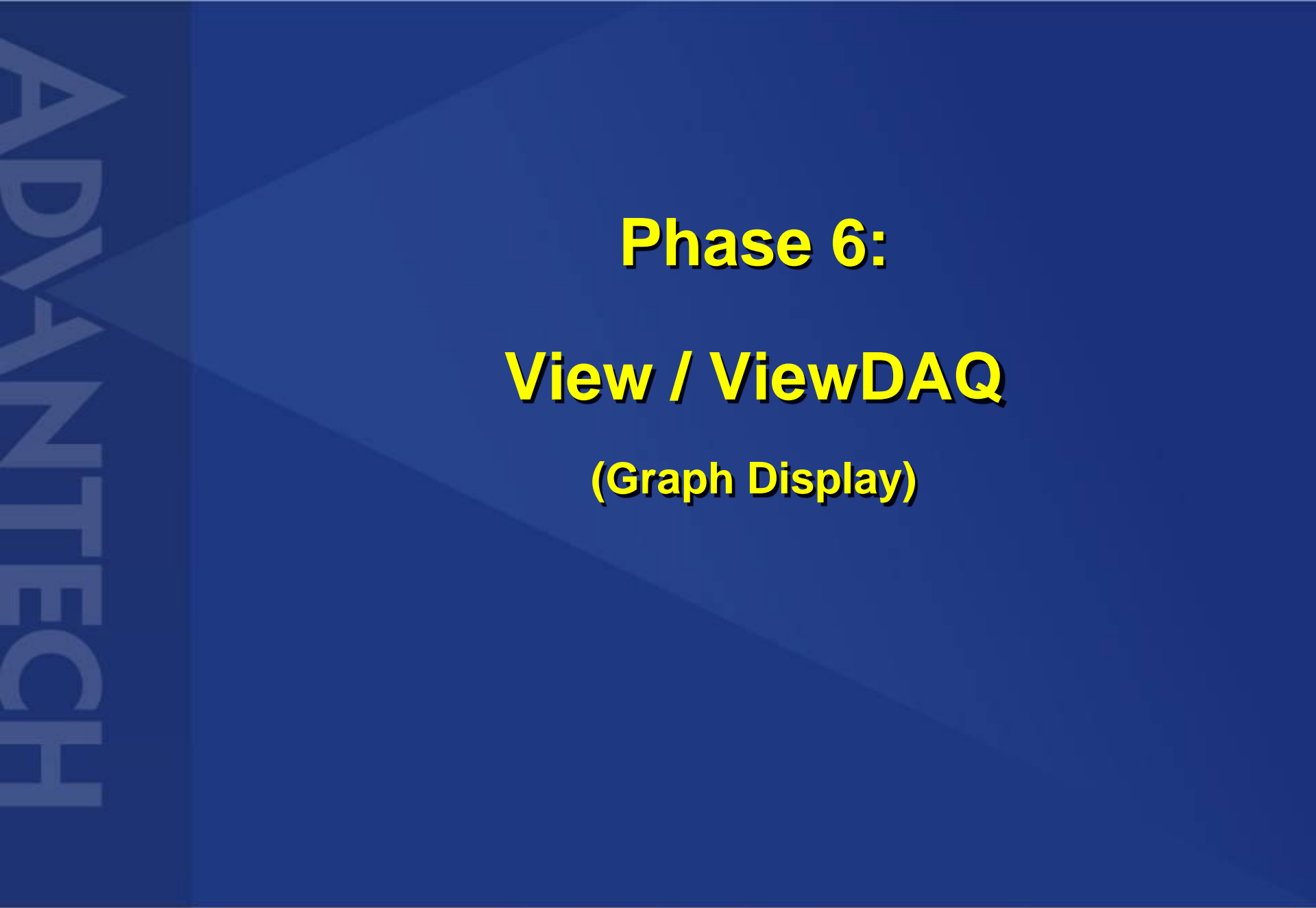
(Run at SCADA Node)

- After download is completed, let's start the Kernel
Start Kernel -> Training_20091215



- After the Kernel starts, the computer icon color will turn to green.
- Move the mouse cursor over the computer icon, it will show current running Project Node and SCADA Node names.

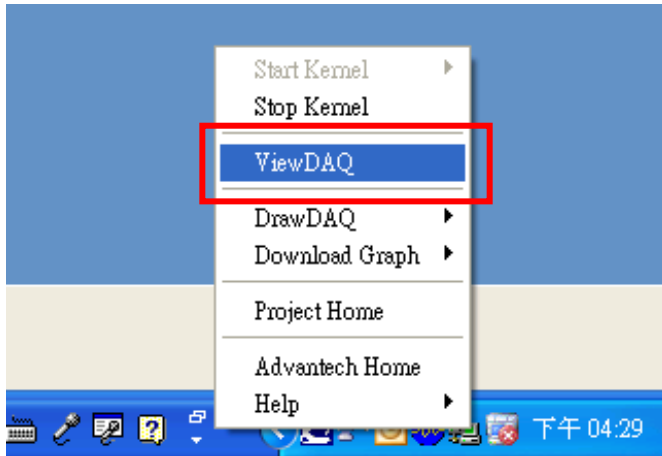




ADVANTECH

Phase 6:
View / ViewDAQ
(Graph Display)

- Select “ViewDAQ” to view the result.

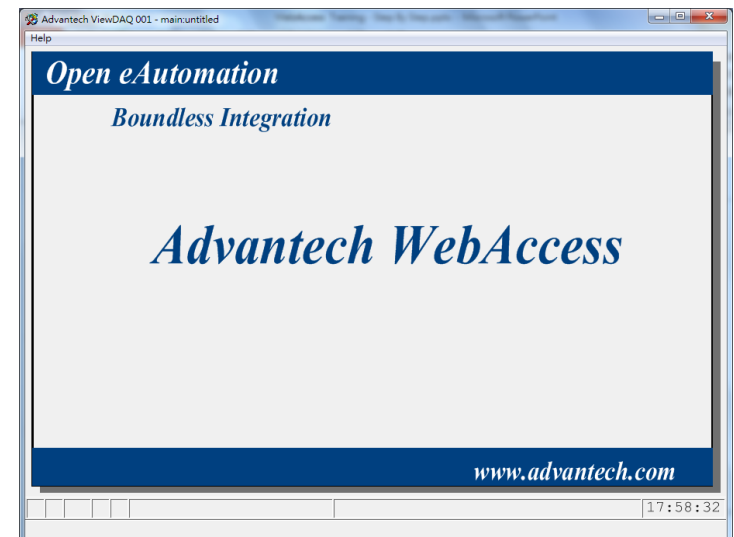


- Default Welcome Page will pop out.
- Click on the screen to enter main.bgr page



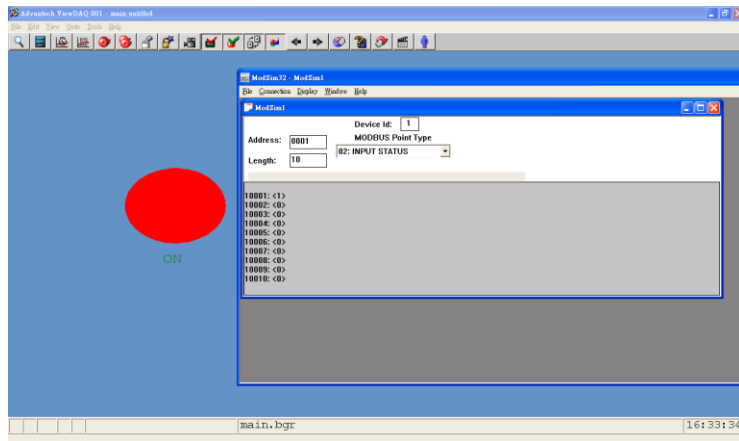
Note

- Before clicking to enter main.bgr page, please active ModSim (modbus simulation)
- The next topic, ModSim, teaches user how to active ModSim

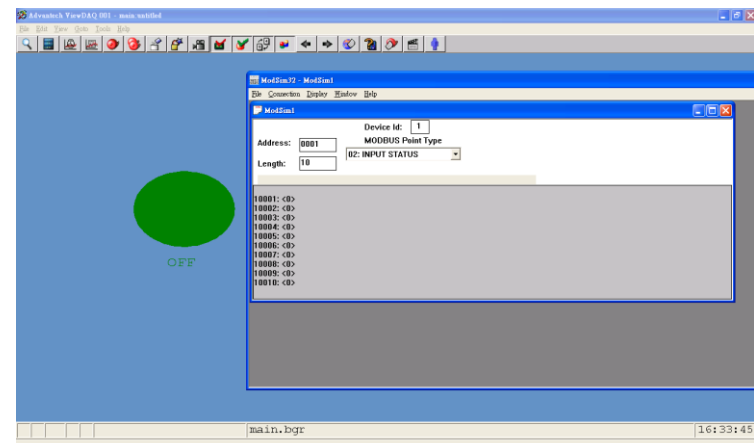


Phase 6: View / ViewDAQ

- In ModSim32, when Modbus address (10001) value is 1, WebAccess will display “ON” text with red circle.



- In ModSim32, when Modbus address (10001) value is 0, WebAccess will display “OFF” text with green circle.



Phase 6: View / ViewDAQ

- If user doesn't read other symbol displays on the screen install of tag value
- Three possibilities:

	Symbol	Meaning	Possible Solutions
1	*	The communication fails	Check comport, device and tag setup
2	#	The tag doesn't exist	<ul style="list-style-type: none">- Check whether user deletes this tag- Re-download the project again
3	!	The tag value length is too large to fit in the field size for the tag	Go to tag property and modify display digits for both integer and fraction



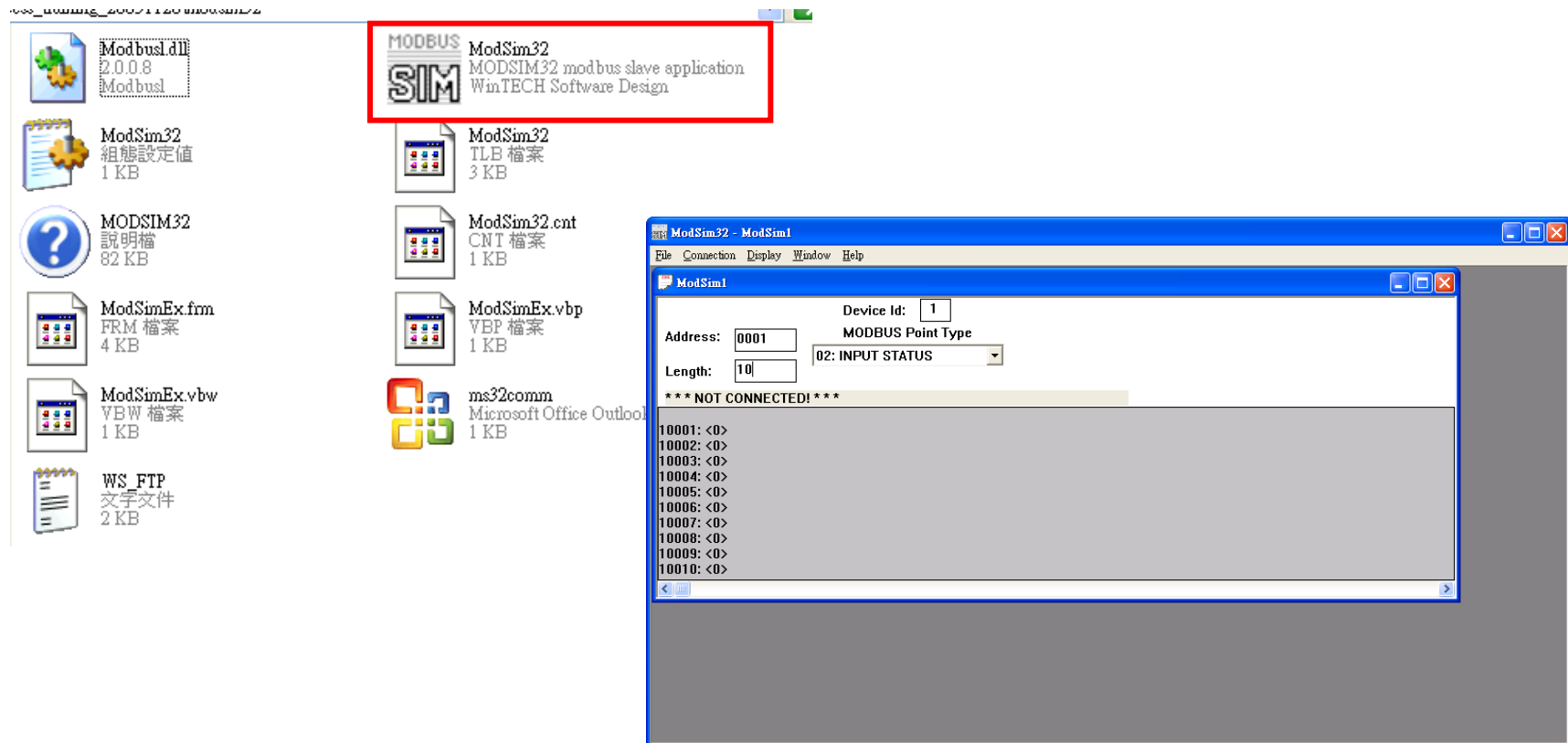
ADVANTECH

ModSim

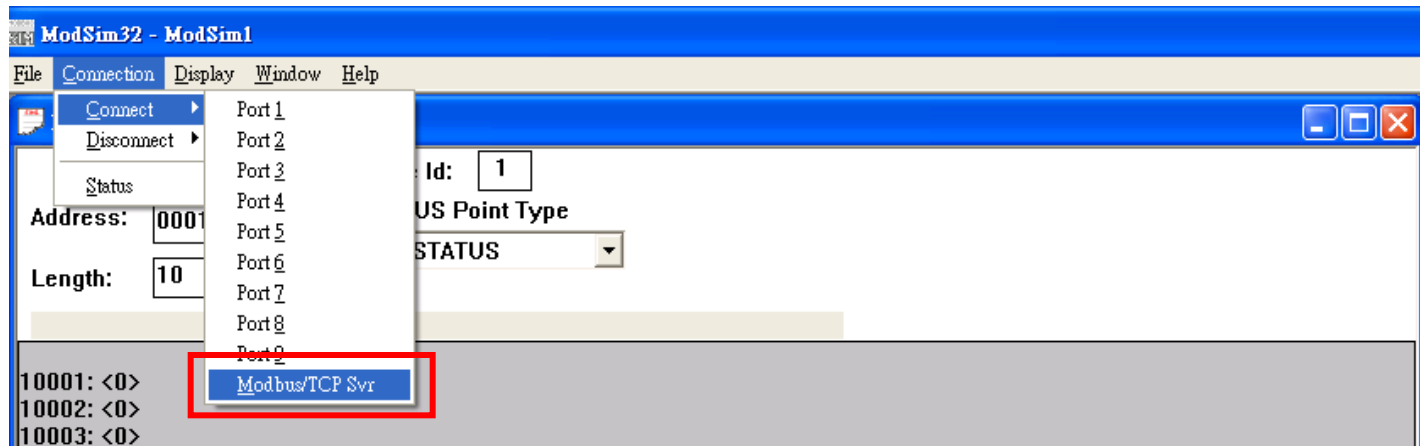
Modbus Simulation

ModSim32 - Modbus Simulator -

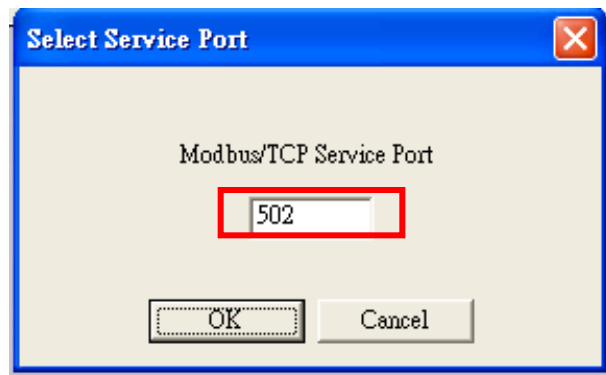
- Because this example is using WebAccess to read Modbus DI value, user has to run ModSim32 in order to simulate Modbus DI value.
- ModSim32 trial version can be downloaded from the following website:
 - <http://www.win-tech.com>



- File -> New
- Connection -> Connect -> Modbus/TCP Svr



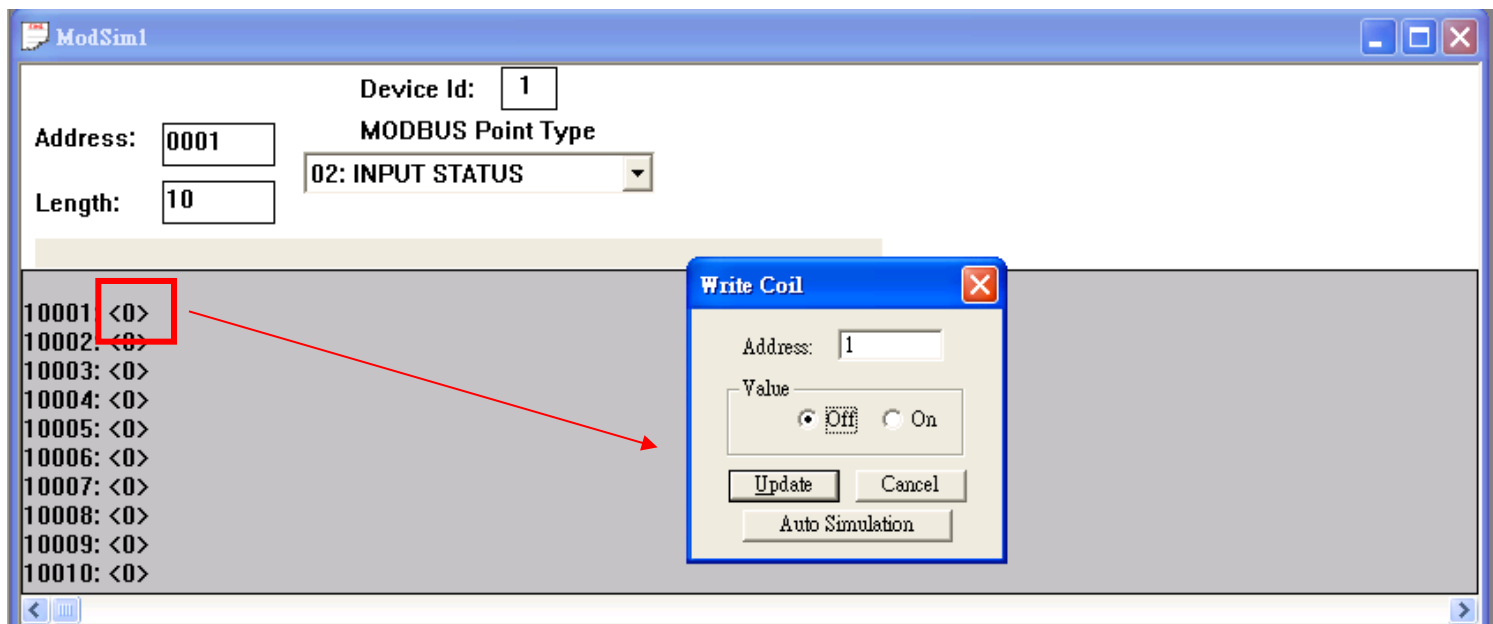
- Then, a dialog box pop out. Set Modbus/TCP Service Port number to 502



ModSim32

- Modbus Simulator -

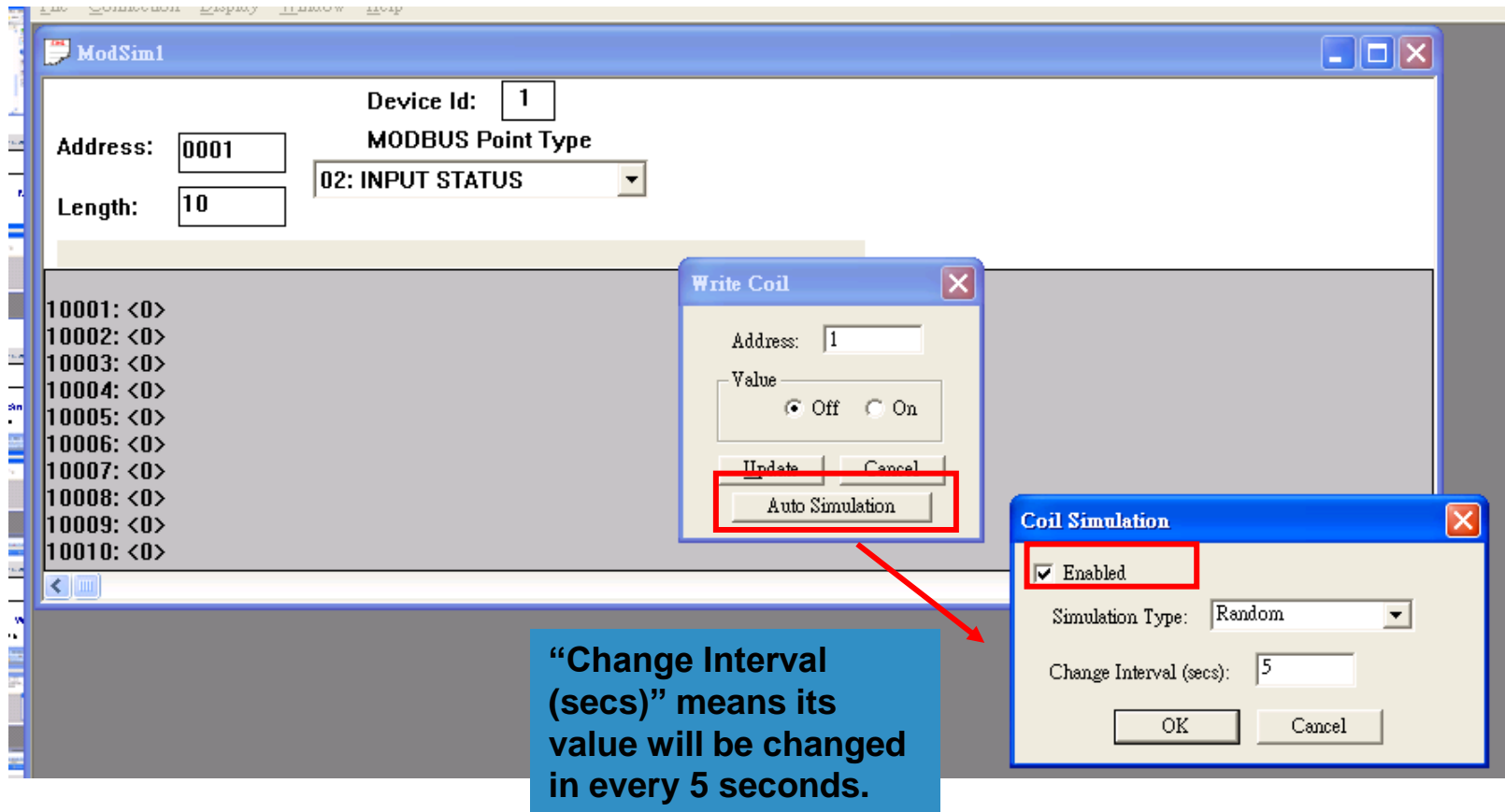
- Because we simulate DI value, so we use do the following setup.
MODBUS Point Type: 02:INPUT STATUS
Address: 0001
Length: 10
- Double click on and a <0> “Write Coil” dialog box will pop out.



ModSim32

- Modbus Simulator -

- Click “Auto Simulation” button and “Coil Simulation” dialog box will pop out.
- Click “Enabled” and click “OK” button.



The screenshot shows the ModSim32 application window. In the background, the 'Write Coil' dialog box is open, with the 'Auto Simulation' button highlighted by a red rectangle. A red arrow points from this button to the 'Coil Simulation' dialog box in the foreground. The 'Coil Simulation' dialog box has the 'Enabled' checkbox checked, also highlighted by a red rectangle. Below the dialog boxes, a blue text box contains the following text:

“Change Interval (secs)” means its value will be changed in every 5 seconds.



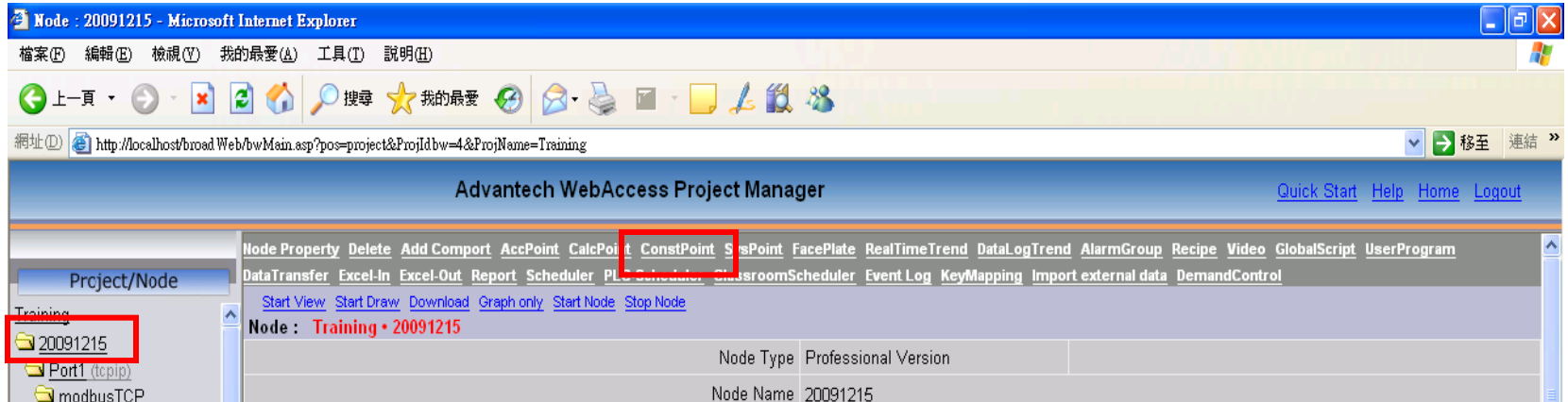
ADVANTECH

Software Tag

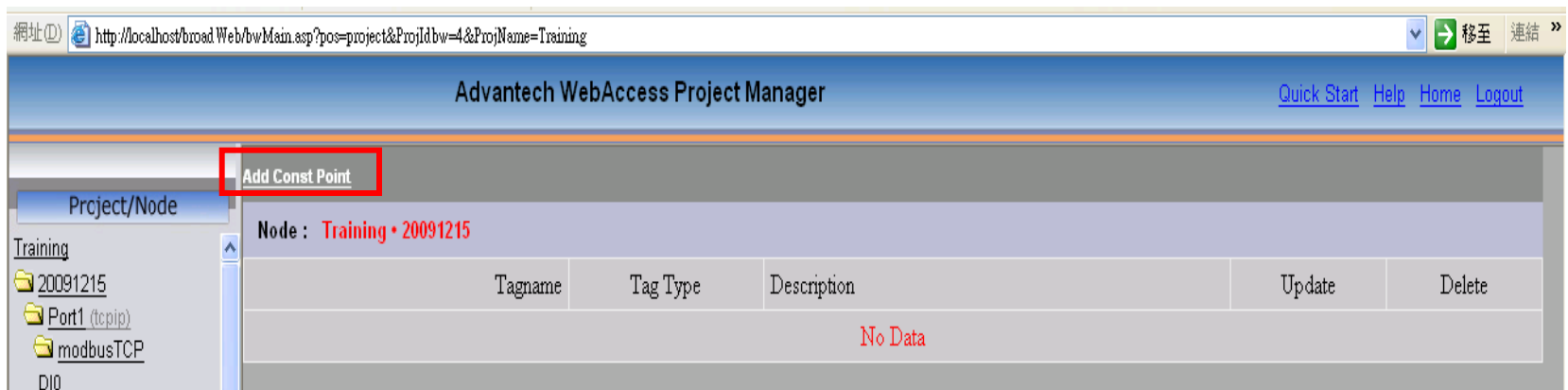
Tag Introduction - Software Tag -

- **WebAccess has two types of Tag:**
 - **Physical Tag (connect to hardware)**
 - **Software Tag (NOT read hardware IO directly)**
 - **Constant Tag**
 - **Accumulation Tag**
 - **Calculation Tag**
 - **System Tag**
- **Quantity of software tag: Number of software tag is equal to number of physical tag. Eg. When user purchase 75 physical tag license, he will also have 75 software tags.**

- Back to the SCADA Node, and click “ConstPoint”



- Click “Add Const Point”



- Selece “ConAna” in Parameter. Setup Tag name as “A0”
- Setup Span High and Output High Limit values to 1000

網址 http://localhost/broadWeb/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training

Advantech WebAccess Project Manager

Project/Node
 Training
 20091215
 Port1 (tcpip)
 modbusTCP
 DIO
Device Driver
 A101
 ABPLC5
 ABSLC5
 AceFAM3
 ADAM4K
 ADAM5K
 ADAM5KE
 ADAM6K
 ADMIO
 AdvDAQ
 AE6000
 AXLNFMB
 BTrack
 BW UPS
 BwBacNetE
 BwBacNetJ
 BwConst
 BWDB
 BwDDE
 BWGPB
 BwLNS

Const Point List

Create New Tag [Cancel] Submit

Parameter	ConAna	Constant (analog)
Alarm	No Alarm	
Tag Name	A0	
Description	Analog 0	
Scan Type	Constant Scan	
Log Data	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Data Log Dead Band	3	
Write Action Log	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Read Only	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Keep Previous Value	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Initial Value	0	
Security area	0	
Security level	0	
Span high	1000	
Span low	0	
Output High Limit	1000	
Output Low Limit	0	
Eng Unit		
Display digits(integer)	4	
Display digits(fraction)	2	

Last, click “Submit” button to complete creating tag procedure.

- Follow the last slider to create another constant tag which named it as A1

網址 http://localhost/broad Web/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Const Point List

Project/Node

- Training
 - 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Const Point

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000
- AXLNFBM
- BTrack
- BW UPS
- BwBacNetE
- BwBacNetJ
- BwConst
- BWDB
- BwDDE
- BWGPIB

Create New Tag [Cancel] [Submit]

Parameter ConAna Constant (analog)

Alarm No Alarm

Tag Name A1

Description Analog 0

Scan Type Constant Scan

Log Data ☐ Yes ☒ No

Data Log Dead Band 3 %

Write Action Log ☒ Yes ☐ No

Read Only ☐ Yes ☒ No

Keep Previous Value ☐ Yes ☒ No

Initial Value 0

Security area 0

Security level 0

Span high 1000

Span low 0

Output High Limit 1000

Output Low Limit 0

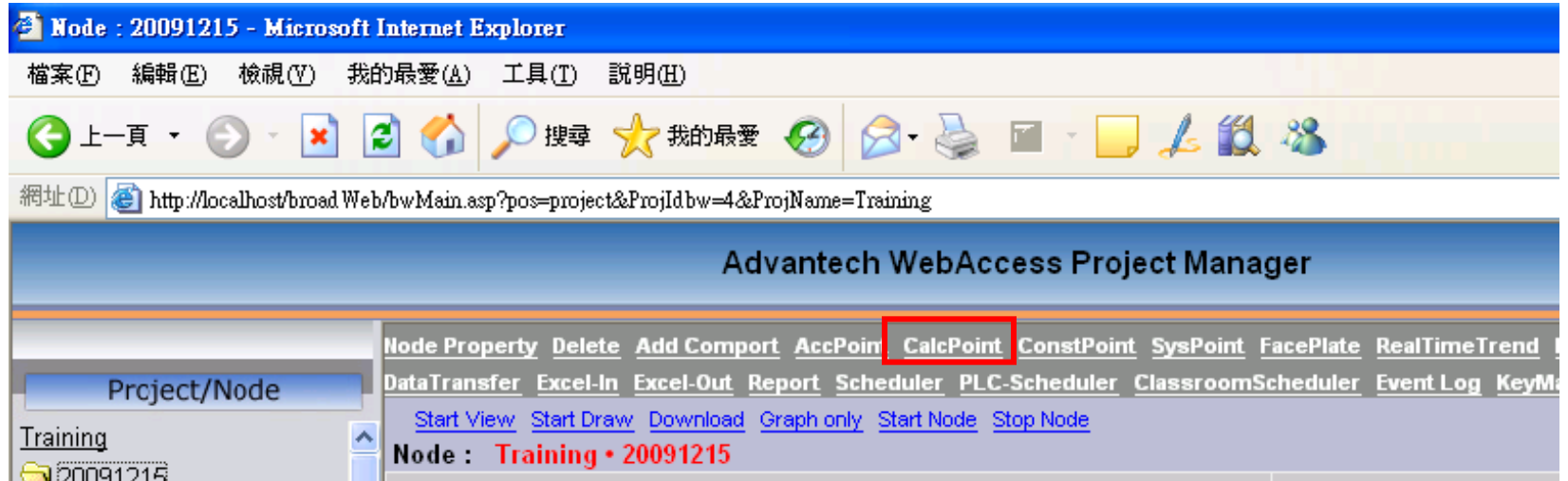
Eng Unit

Display digits(integer) 4

Display digits(fraction) 2

完成 近端内部網路

- After create two constant tags, let's create a calculate tag (CalcPoint)



- Tag Name: calculate
- Span High: 2000; Output High Limit: 2000

Add Tag - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜索 我的最愛

網址 http://localhost/broad Web/bwMain.asp?pos=project&ProjId=4&ProjName=Training

Advantech WebAccess Project Manager

Calculation Point List

Project/Node

Training

- 20091215
- Port1 (tcpip)
 - modbusTCP
 - DIO
 - Const Point

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000
- AXLNFB
- BTrack
- BW UPS
- BwBacNetE
- BwBacNetI

Create New Tag [Cancel] Submit

Parameter: CalcAna Calculation (analog)

Alarm: No Alarm

Tag Name: calculate

Description: Description

Evaluate frequency: 1 Second

Log Data: ☐ Yes ☒ No

Data Log Dead Band: 3

Write Action Log: ☒ Yes ☐ No

Read Only: ☐ Yes ☒ No

Keep Previous Value: ☐ Yes ☒ No

Initial Value: 0

Security area: 0

Security level: 0

Span high: 2000

Span low: 0

Output High Limit: 2000

Output Low Limit: 0

- **Move to Formula**
- **In Formula box, fill in “A+B”**
- **In A field, enter “A0” constant tag name**
- **In B field, enter “A1” constant tag name**

網址 (D) <http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training>

Advantech WebAccess Project Manager

[Quick Start](#) [Help](#)

Project/Node

Training

- 20091215
- Port1 (tcpip)
 - modbusTCP
 - D10
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K

Span low 0

Output High Limit 2000

Output Low Limit 0

Eng Unit

Display digits(integer) 4

Display digits(fraction) 2

Log To ODBC Frequency 0 ☐ Second ☒ Minute

Analog Change Log ☐ Yes ☒ No

Analog Change Log Dead Band 0 %

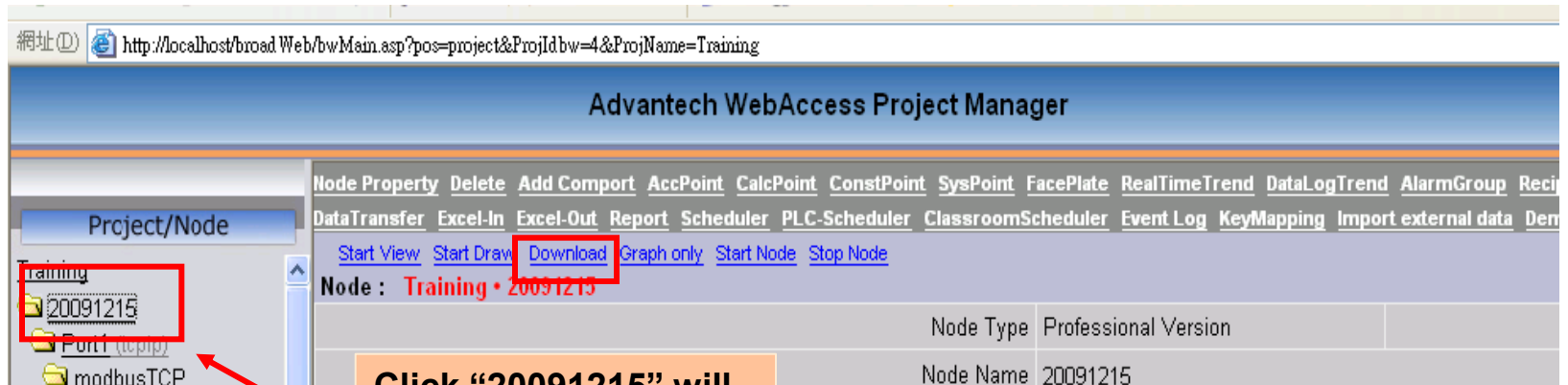
Formula A+B

A A0

B A1

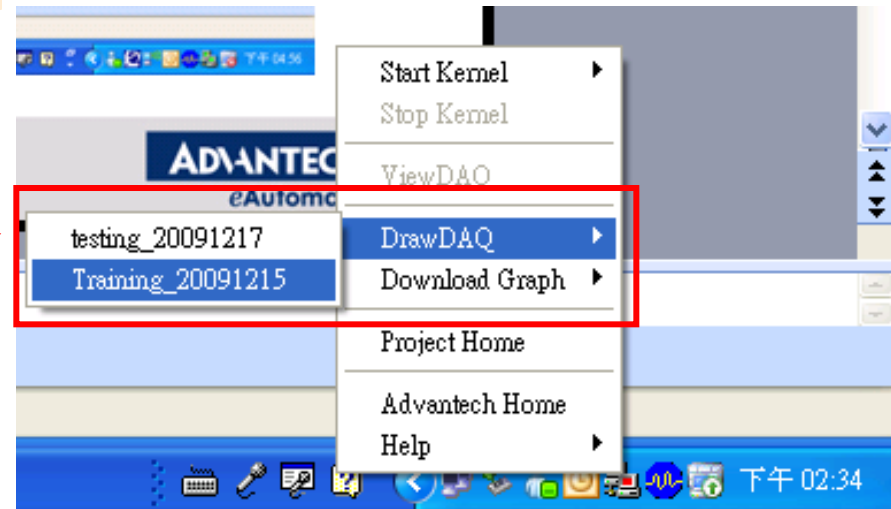
C

- Back to the SCADA Node and click “Download”

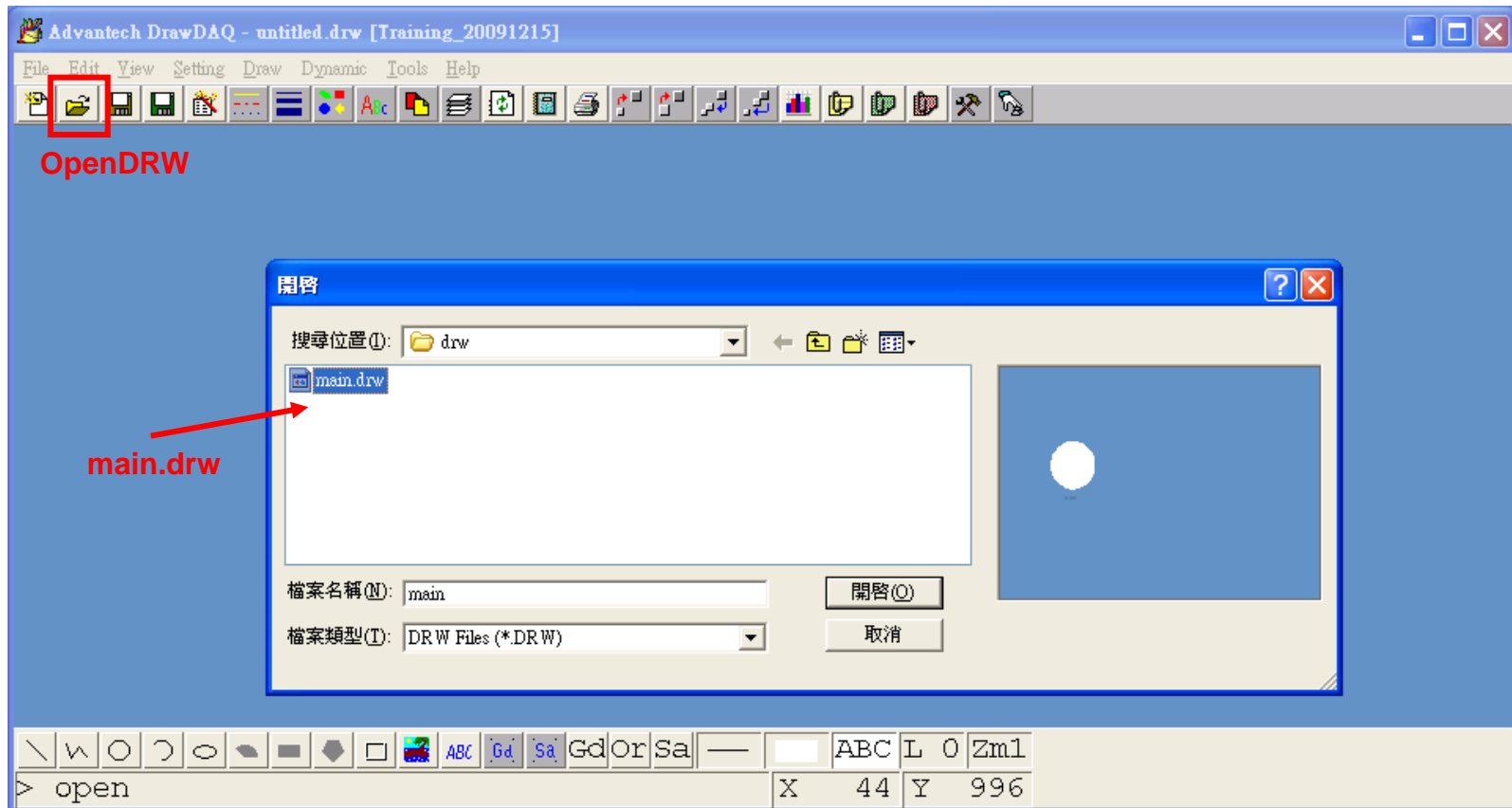


Click “20091215” will
back to SCADA Node
Setup page

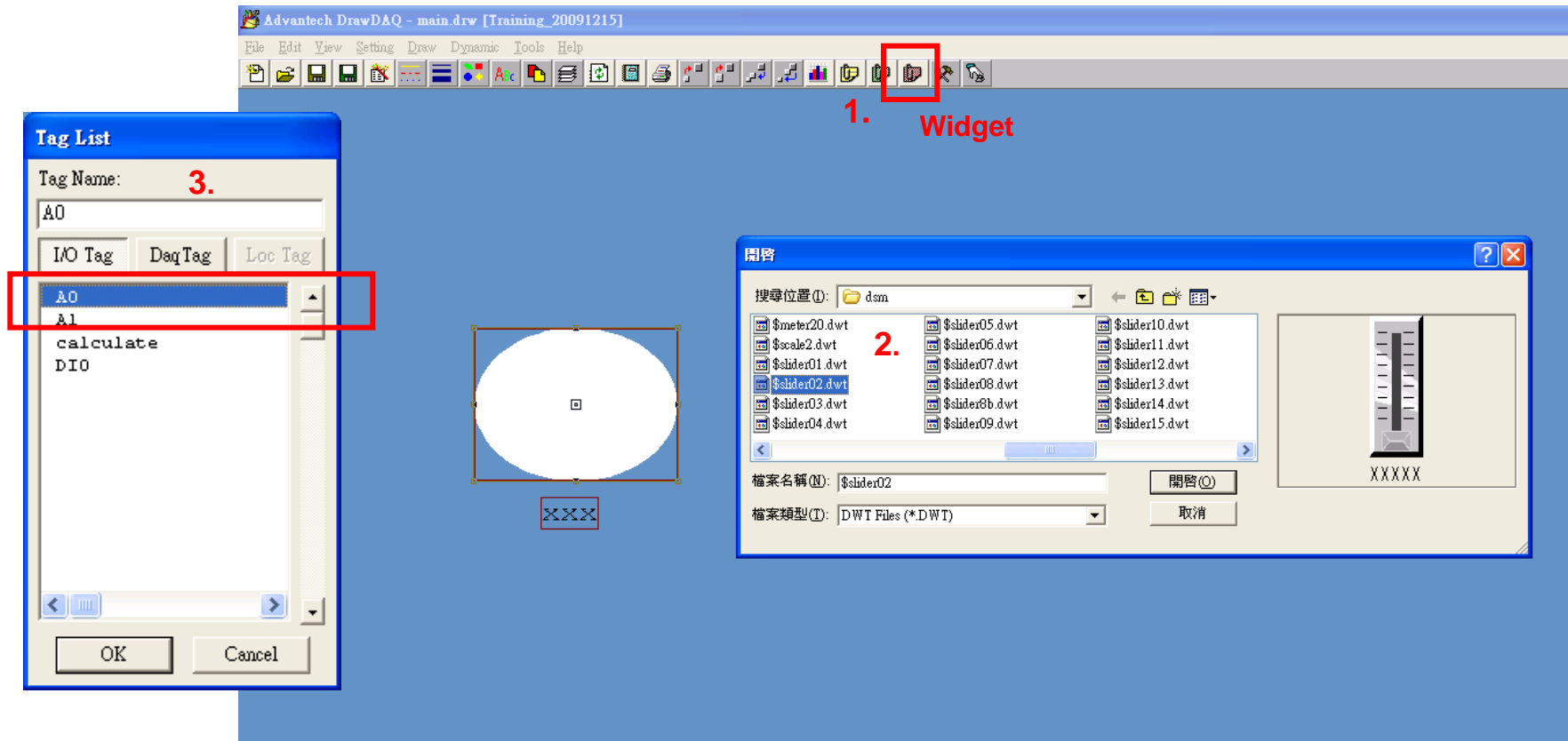
After download
process completes,
select DrawDAQ ->
Training_20091215



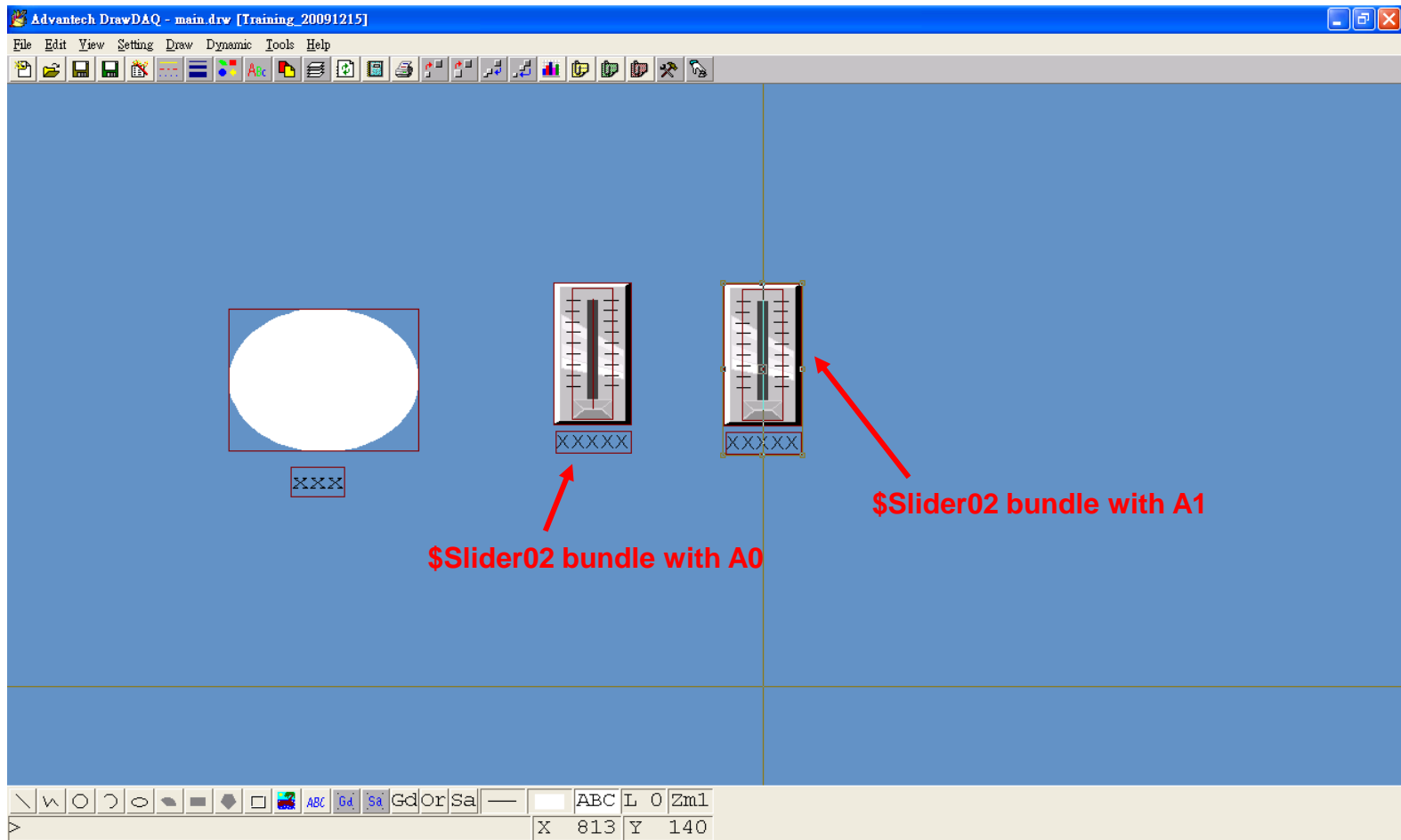
- Click “OpenDrw” and select “main.drw”



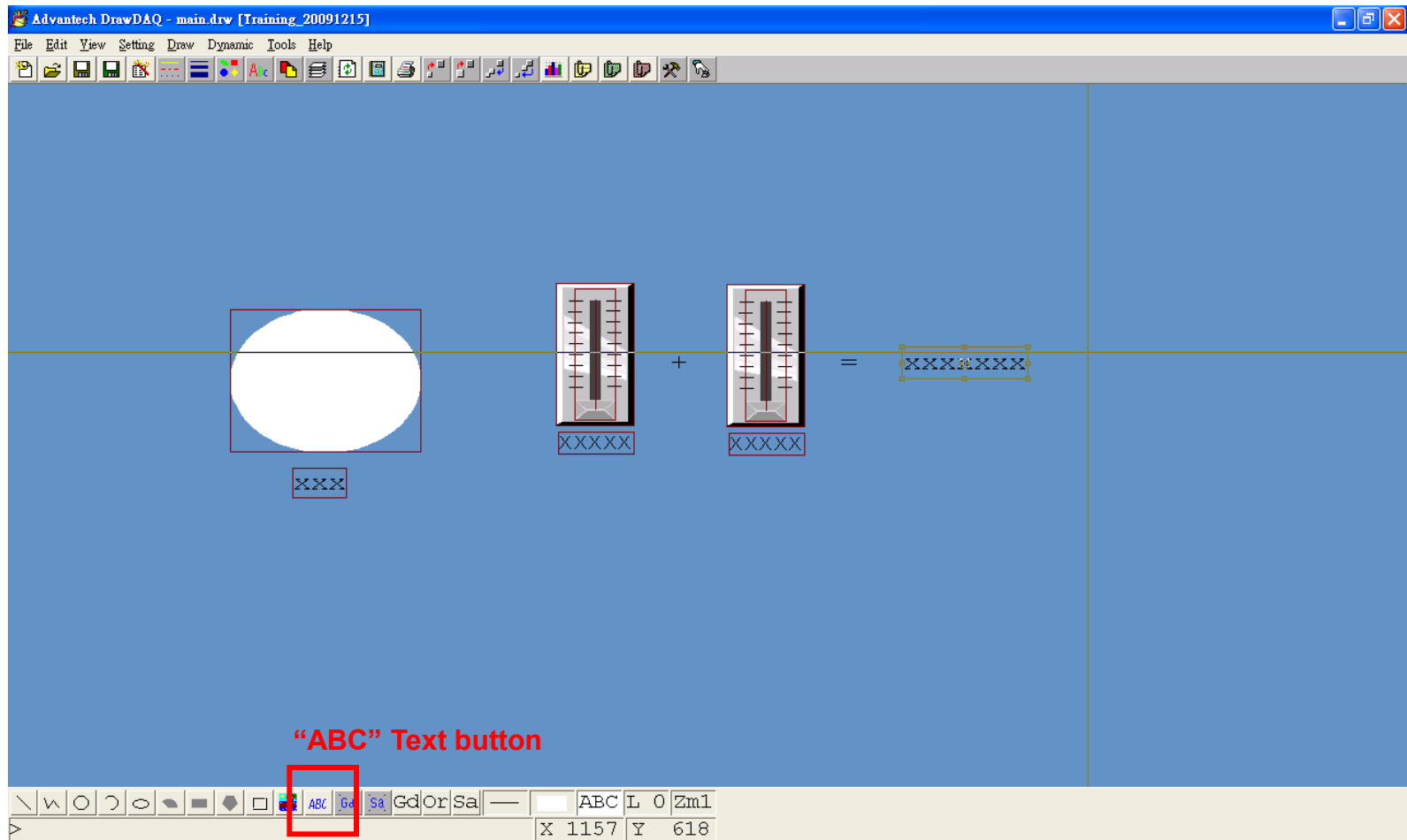
- Click on “Widget” button and select \$Slider02.dwt
- Then “Tag List” dialog box will pop out, select A0



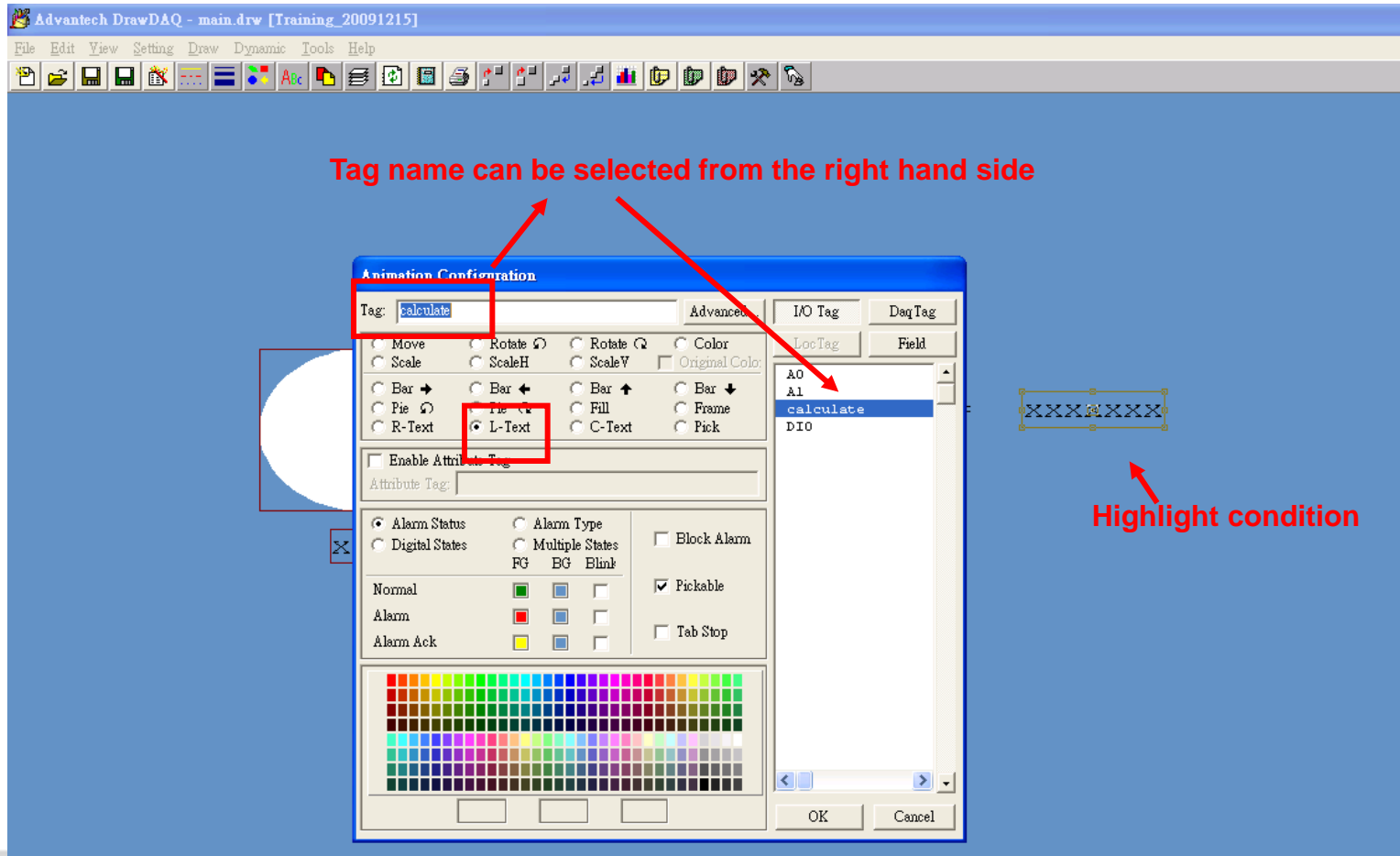
- Repeat last slider about Widget steps, this time, user has to select A1 in “Tag List”



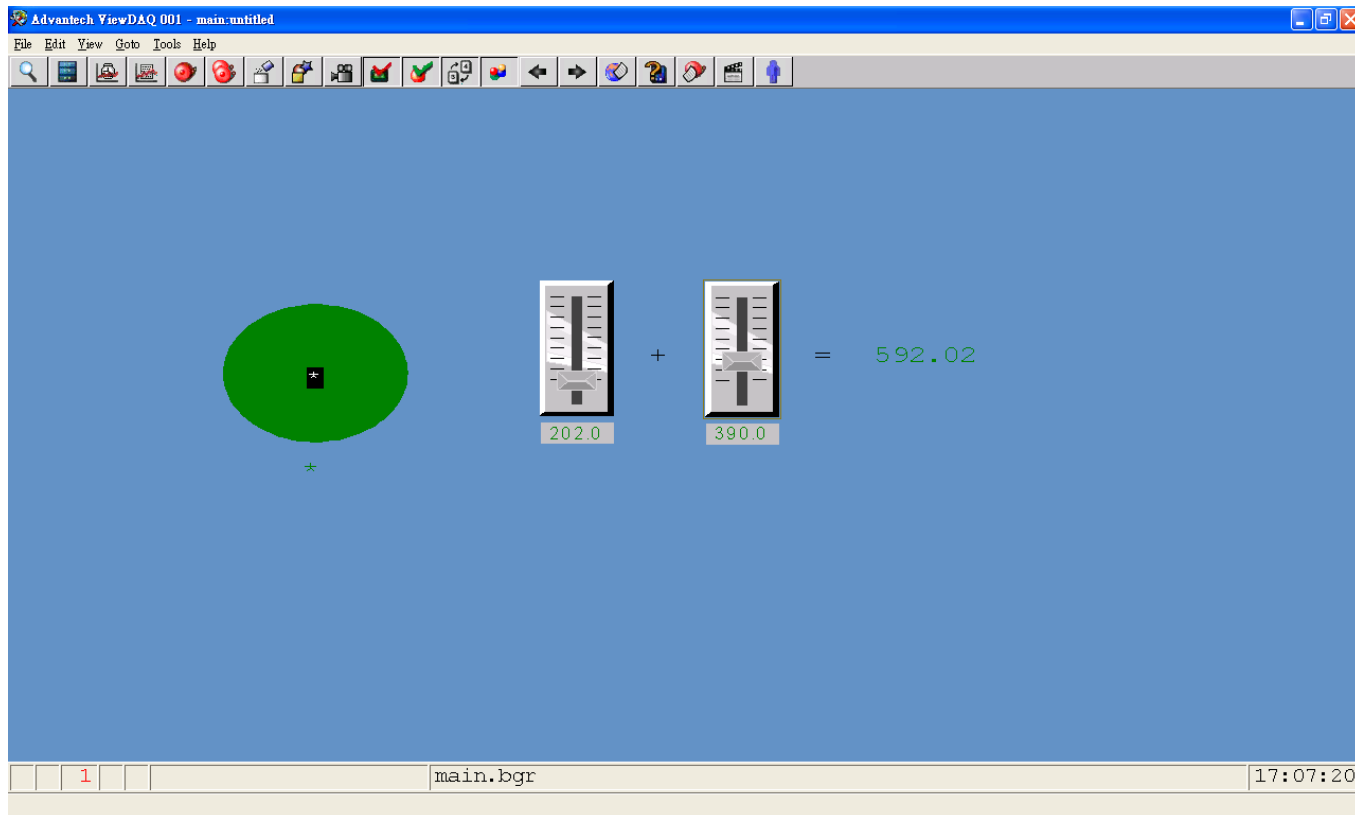
- Use “ABC” text box to put “+” and “=” symbols on the screen.
- Use “ABC” text box again to write 7 “x” and highlight it.



- After 7 “x” types on the screen, click “Enter” button and xxxxxxxx will be highlighted.
- Dynamic -> Animation; Select “calculate” in Tag field and select “L-Text”



- Save BGR
- Download Graph -> Training_20091215
- If Kernel doesn't start, then start the Kernel
- Run ViewDAQ and user will be able to see the slider bars with values.

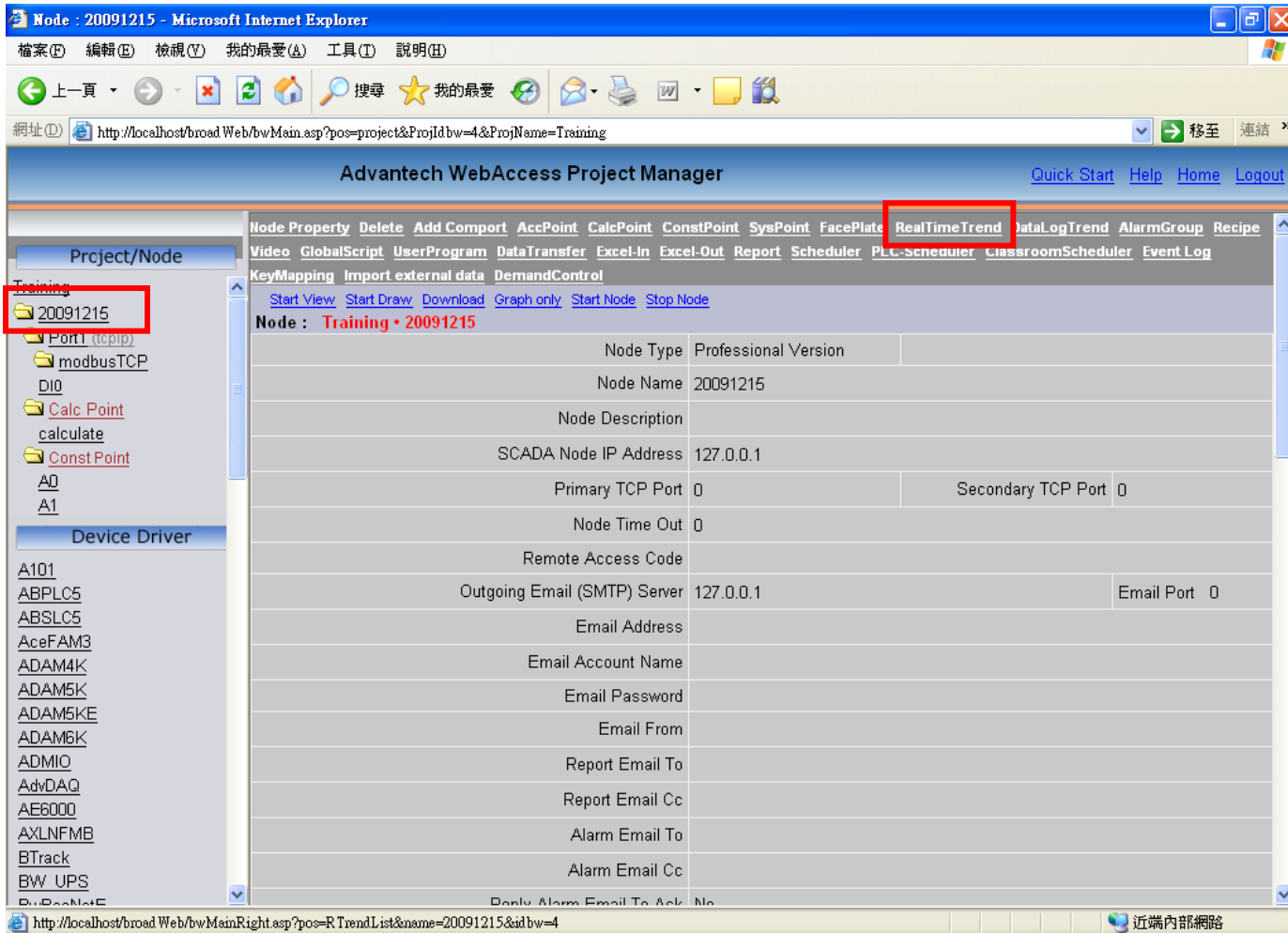




ADVANTECH

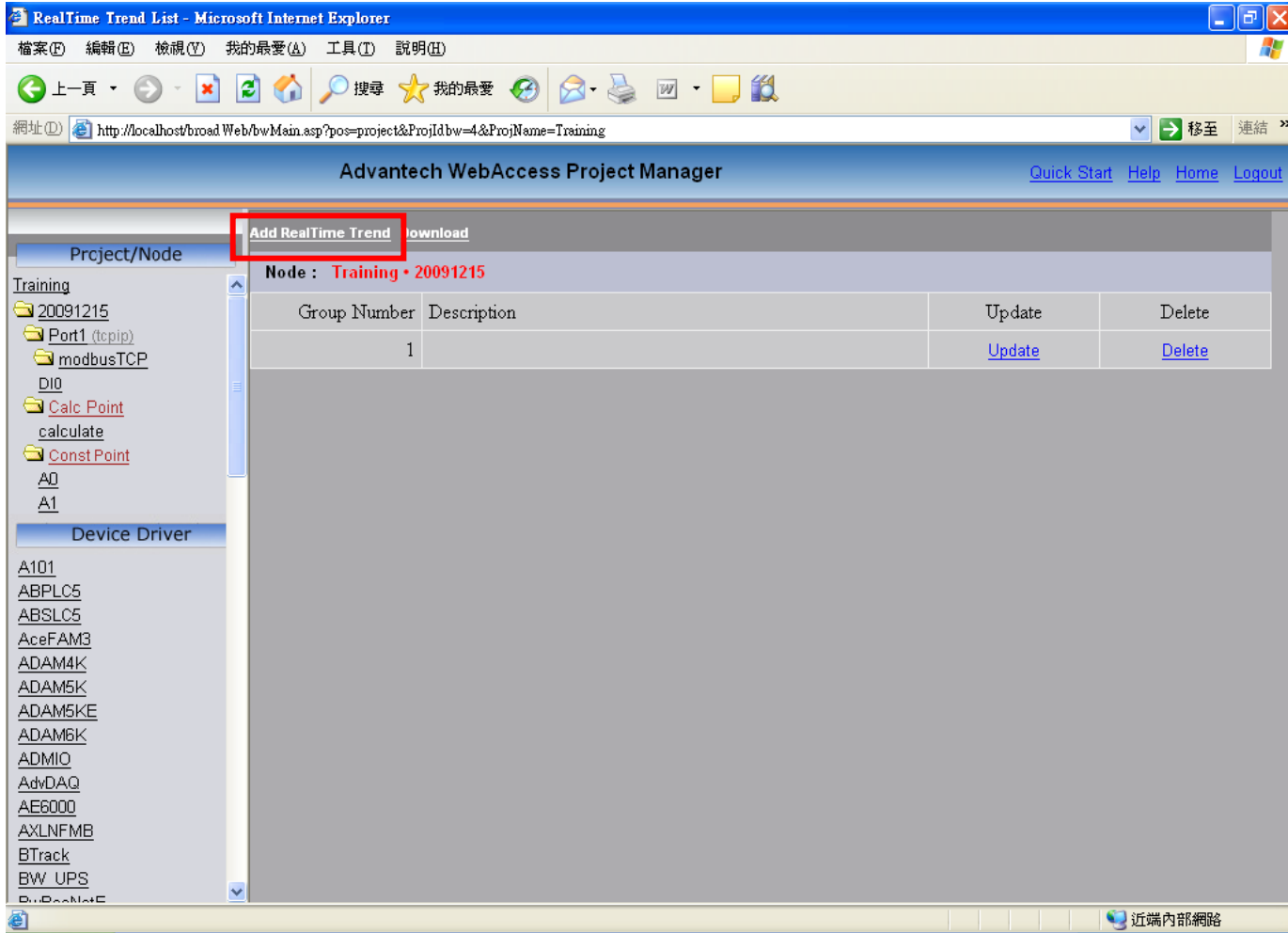
Realtime Trend

- Click “SCADA Node” and then click “RealTimeTrend”



Node Type	Professional Version
Node Name	20091215
Node Description	
SCADA Node IP Address	127.0.0.1
Primary TCP Port	0
Secondary TCP Port	0
Node Time Out	0
Remote Access Code	
Outgoing Email (SMTP) Server	127.0.0.1
Email Port	0
Email Address	
Email Account Name	
Email Password	
Email From	
Report Email To	
Report Email Cc	
Alarm Email To	
Alarm Email Cc	
Send Alarm Email To Ask No	

- Click “Add RealTime Trend”



RealTime Trend List - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址(D) http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager

Quick Start Help Home Logout

Add RealTime Trend download

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DI0

Calc Point

calculate

Const Point

AQ

A1

Device Driver

A101

ABPLC5

ABSLC5

AceFAM3

ADAM4K

ADAM5K

ADAM5KE

ADAM6K

ADMIO

AdvDAQ

AE6000

AXLNFB

BTrack

BW UPS

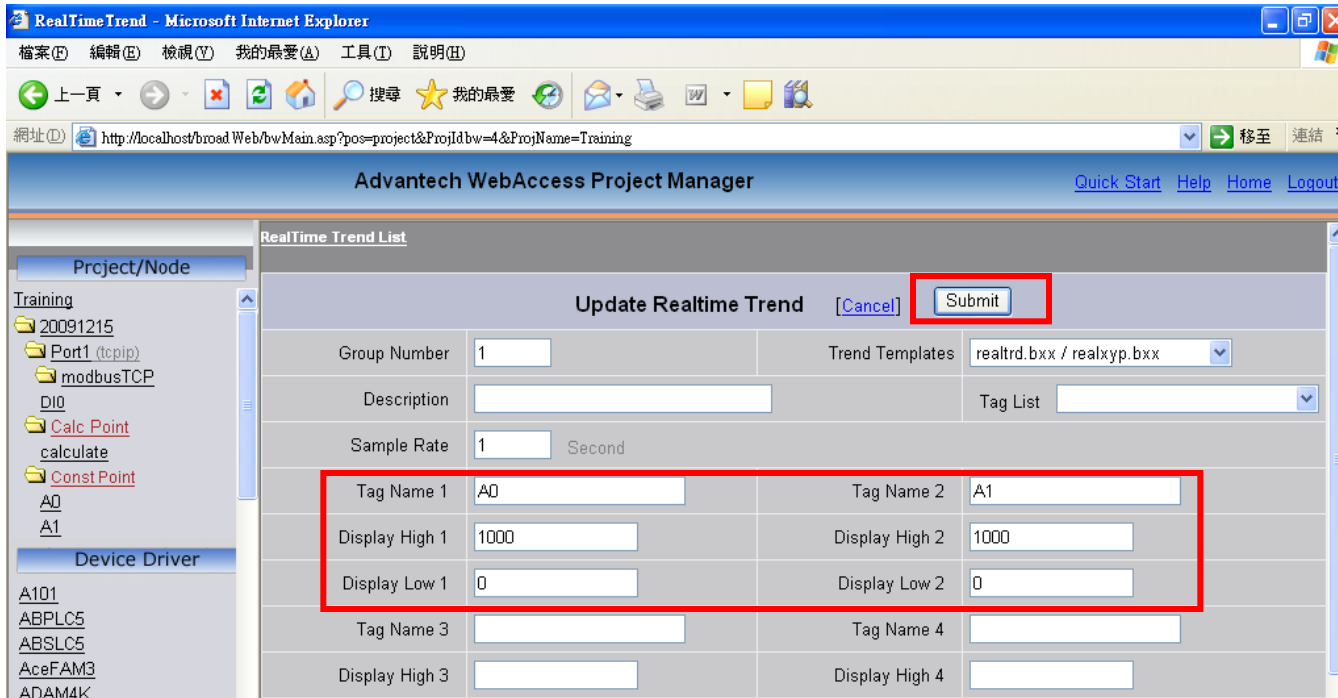
BTrack

Node : Training • 20091215

Group Number	Description	Update	Delete
1		Update	Delete

近端內部網路

- Add “A0” and “A1” to Tag Name
- Remember to setup both “Display High #” and “Display Low 3”
- Last, click “Submit” button



RealTime Trend - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址() http://localhost/broadWeb/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DIO

Calc Point

calculate

Const Point

A0

A1

Device Driver

A101

ABPLC5

ABSLC5

AceFAM3

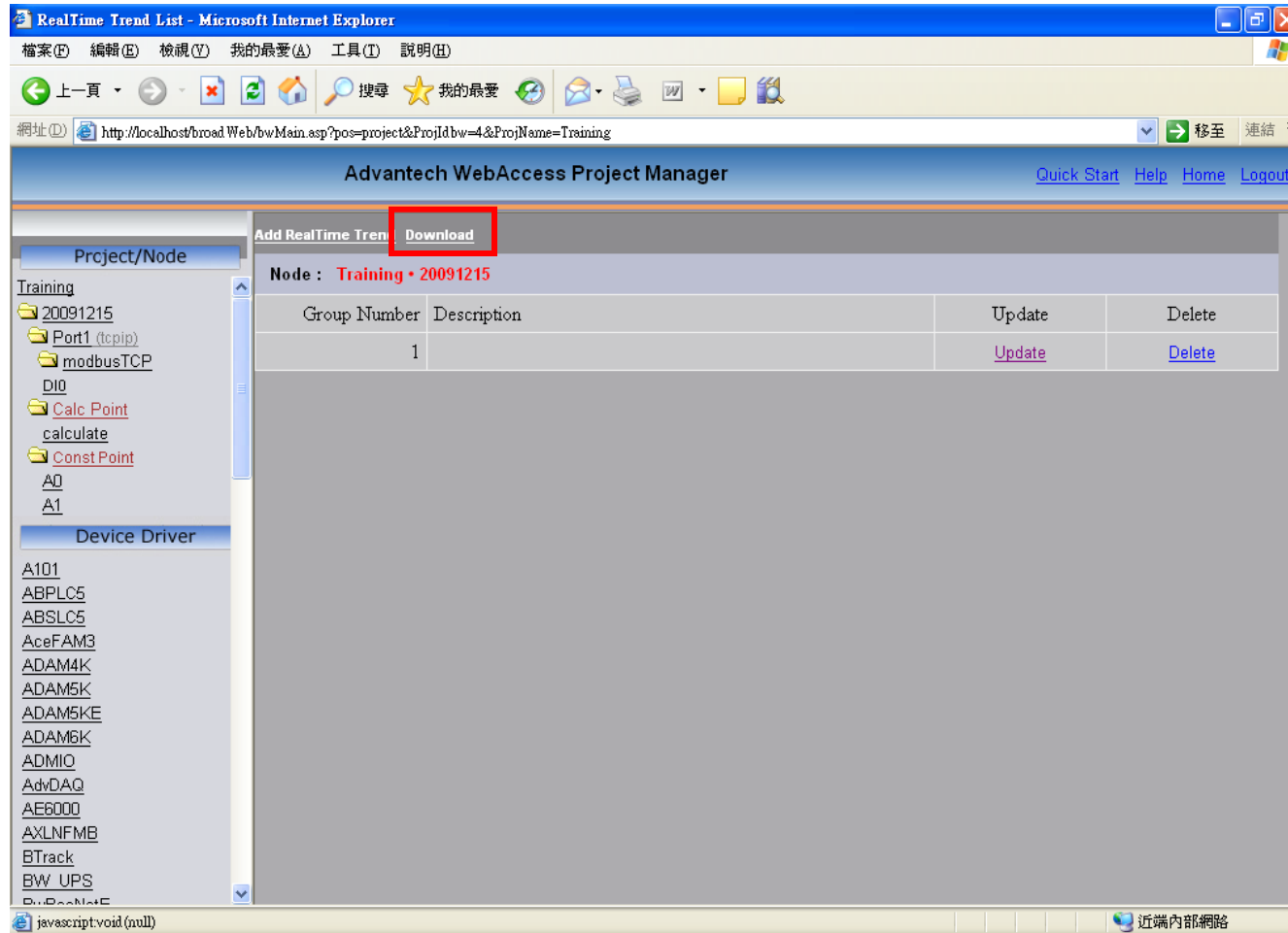
ADAM4K

RealTime Trend List

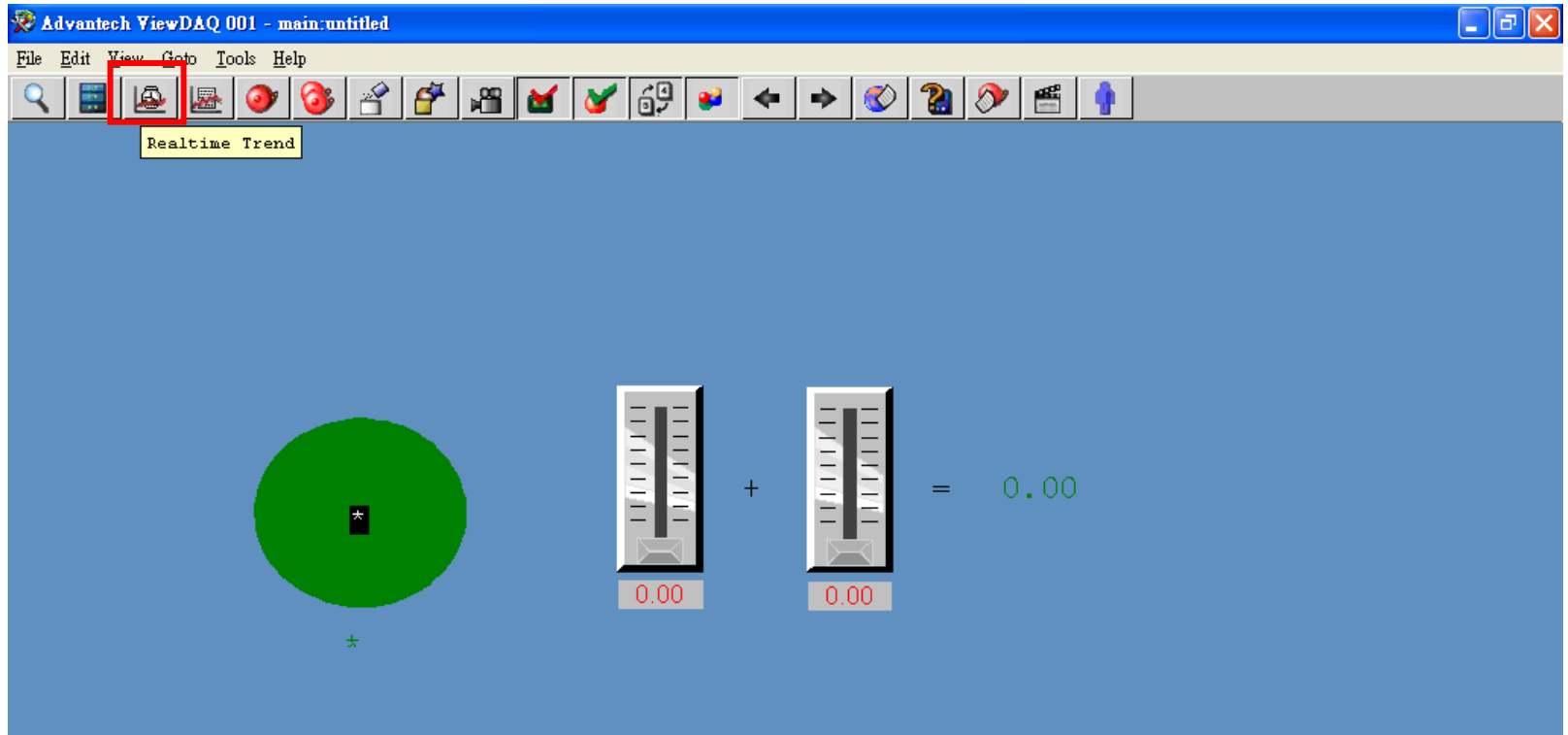
Update Realtime Trend [Cancel] **Submit**

Group Number	1	Trend Templates	realtrd.bxx / realxyp.bxx
Description		Tag List	
Sample Rate	1 Second		
Tag Name 1	A0	Tag Name 2	A1
Display High 1	1000	Display High 2	1000
Display Low 1	0	Display Low 2	0
Tag Name 3		Tag Name 4	
Display High 3		Display High 4	

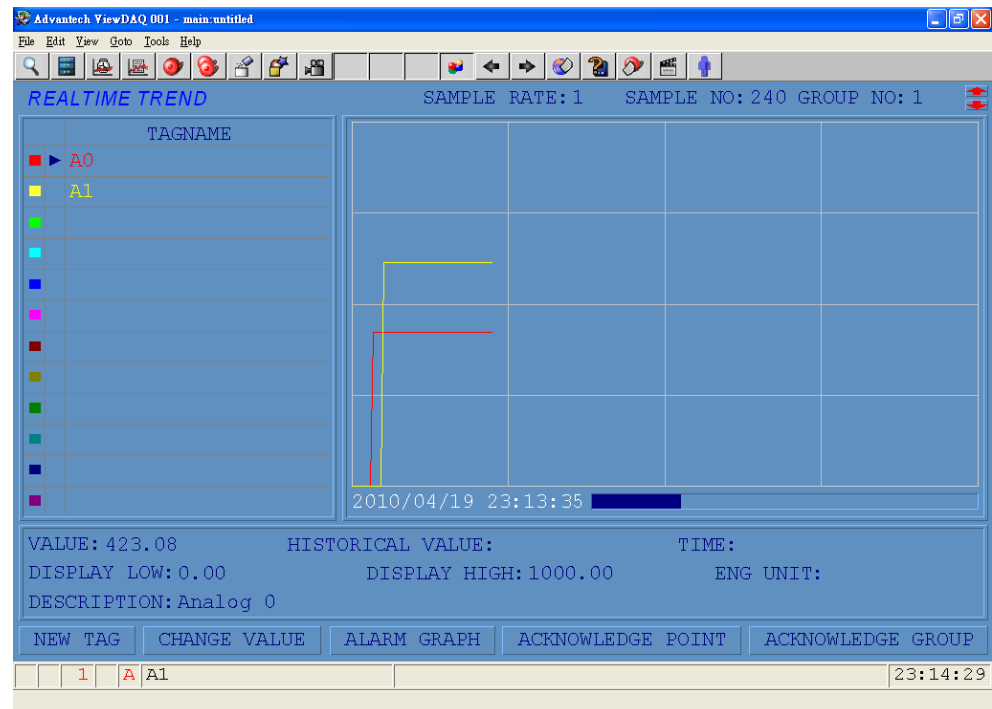
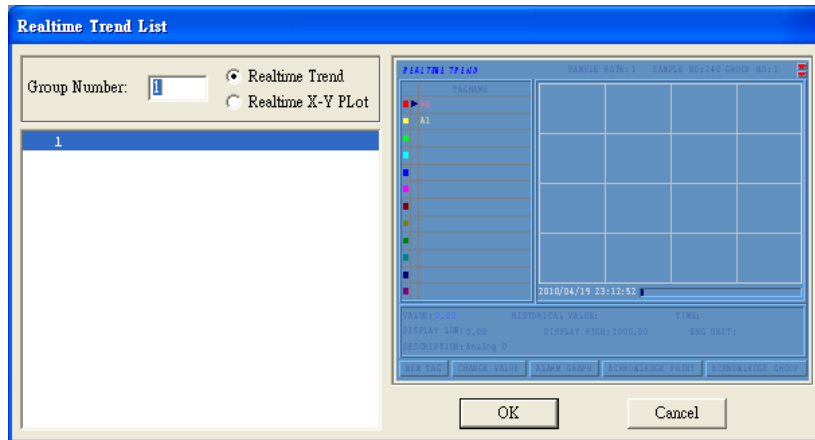
- Click “Download”



- Click “Readtime Trend” button



- Select “Group Number” and user will be able to see the RealTime Trend.





DataLog Trend

(Historical Trend)

- By setting Log Data for DataLog Trend, LogData Maintenance must also setup
 - Data Maintenance supports data **relocation save** and **deletion**
 - These actions will make sure the database won't explode

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Logout](#)

Current Project(s)

Project Name	Description	IP	HTTP Port	TCP Port	Timeout	Update	Delete
Training	Basic Training	172.18.2.110	0	0	0	Update	Delete

Please select one of above available Projects to start!!

[Integrity Checking](#) [Backup](#) [Restore](#) [Admin/Project User](#) [ODBC Log Data Source](#)
[System Log](#) [Action Log](#) [Alarm Log](#) [Analog Tag Log](#) [Analog Change Log](#) [Discrete Tag Log](#) [Text Tag Log](#) [Event Log](#) [LogData Maintenance](#)

DataLog Trend

View Type	Archive Log Daily	Delete Expired Log	
	<input type="checkbox"/>	<input type="checkbox"/>	Expiration Time
Second	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Day(s)
Minute	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Month(s)
Hour	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Month(s)
Day	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Year(s)
Archive To (Folder)	d:\training\log (Shared Network or Local Folder, Example: \\Server\Shared Folder)		

Save data to other location

Delete expired data

Maintenance Time of Day Hour 0 Minute 0

data maintenance starts time

- In Tag property, “Log Data” must set as “Yes” in all tag.
- Let’s select “AO” tag

Advantech WebAccess Project Manager

Project/Node

Tag Property Delete

Tag : Training • 20091215 • A0

Tag Type	Constant (analog)
Tag Name	A0
Description	Analog AO0
Scan Type	Constant Scan
Log Data	No
Data Log Dead Band	3 %
Write Action Log	Yes

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0**
 - A1

Device Driver

Advantech WebAccess Project Manager

Update Tag [Cancel] Submit

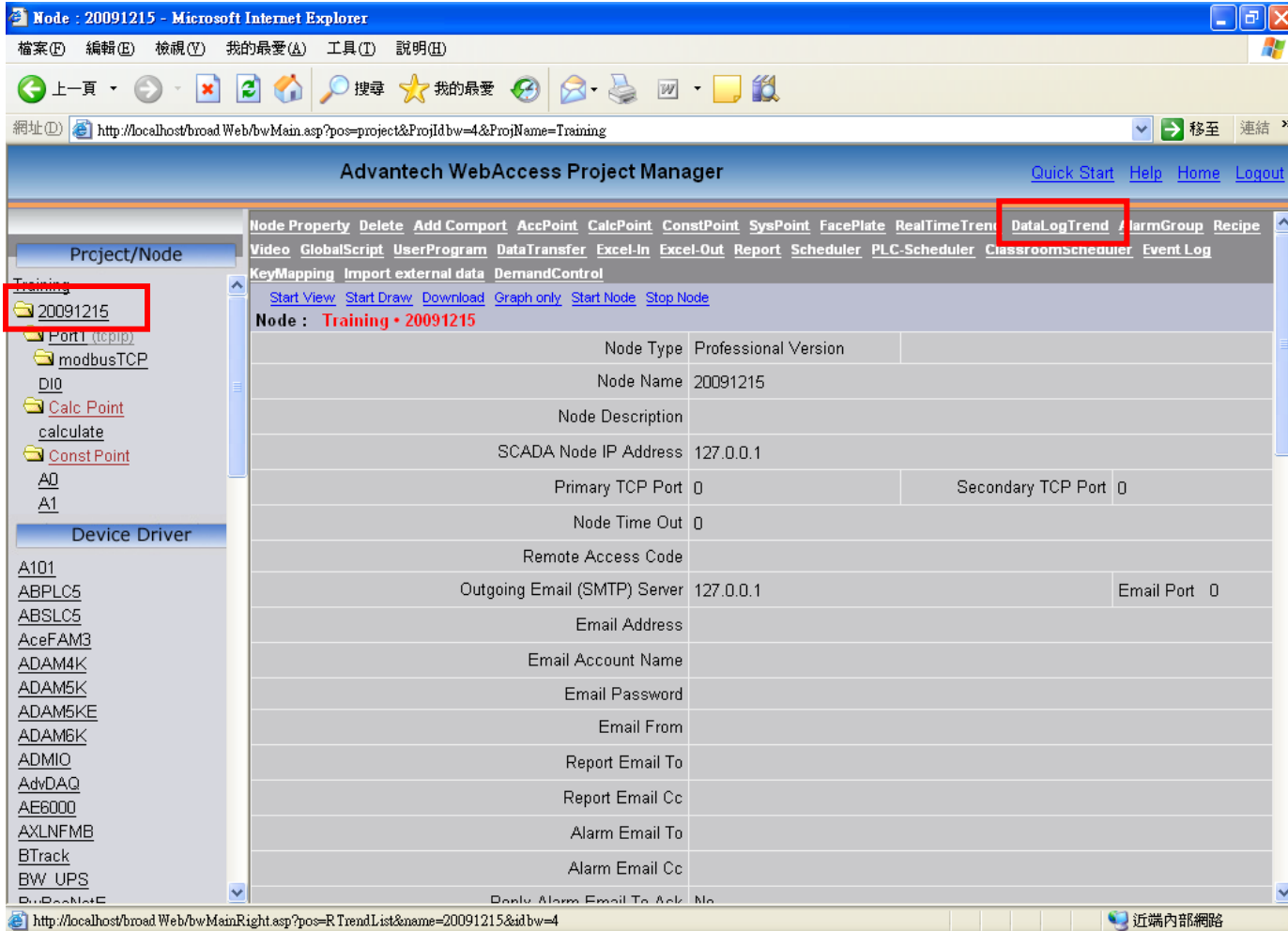
Tag Type	Constant (analog)
Alarm	No Alarm
Tag Name	A0
Description	Analog 0
Scan Type	Constant Scan
Log Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Data Log Dead Band	3 %
Write Action Log	<input checked="" type="radio"/> Yes <input type="radio"/> No

Project/Node

Training

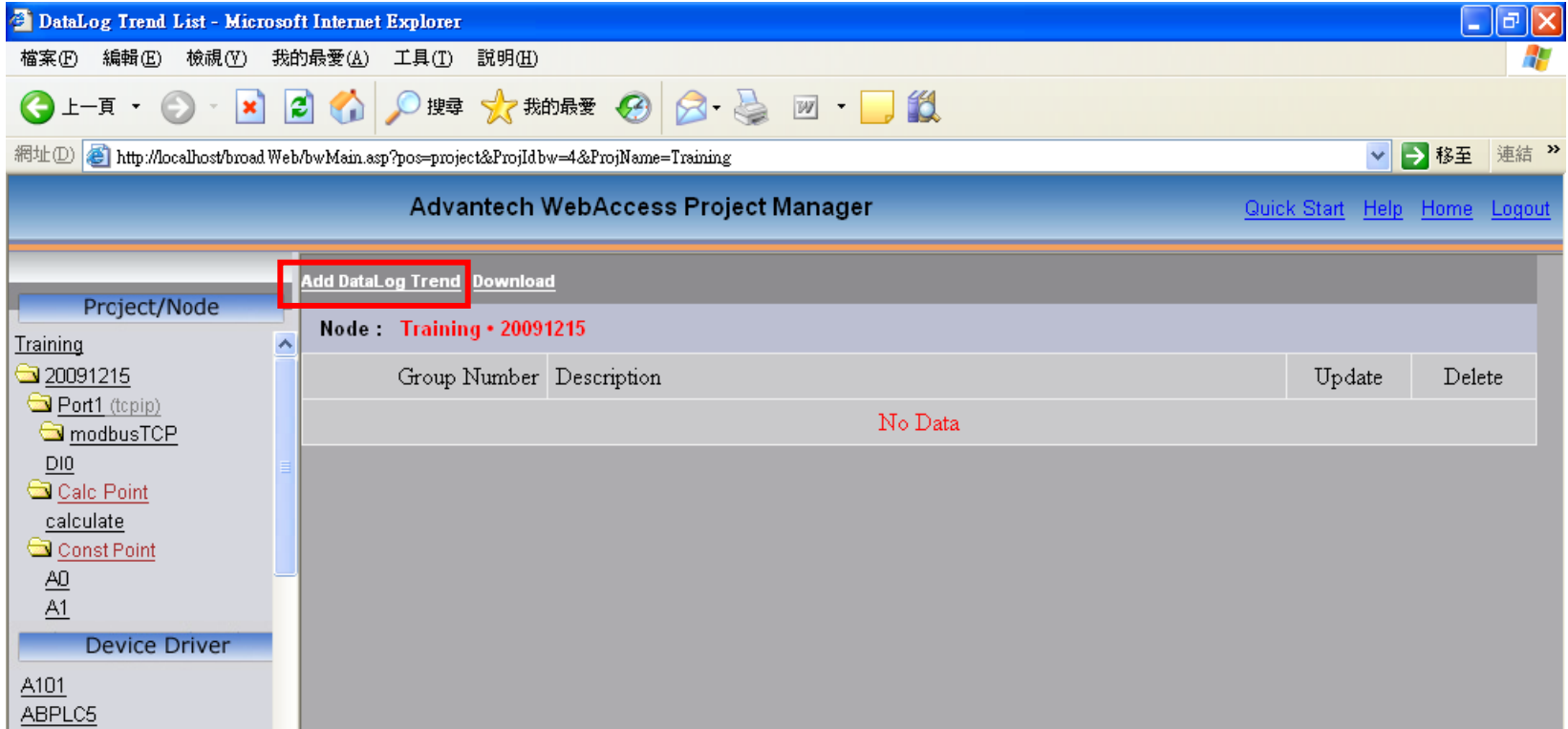
- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

- Click “SCADA Node” and then click “DataLogTrend”



Node : Training - 20091215			
Node Type	Professional Version		
Node Name	20091215		
Node Description			
SCADA Node IP Address	127.0.0.1		
Primary TCP Port	0	Secondary TCP Port	0
Node Time Out	0		
Remote Access Code			
Outgoing Email (SMTP) Server	127.0.0.1	Email Port	0
Email Address			
Email Account Name			
Email Password			
Email From			
Report Email To			
Report Email Cc			
Alarm Email To			
Alarm Email Cc			
Bank Alarm Email To Ask No			

- Click “Add Datalog Trend”



The screenshot shows the Advantech WebAccess Project Manager interface in a Microsoft Internet Explorer browser window. The browser title is "DataLog Trend List - Microsoft Internet Explorer". The address bar shows the URL: <http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training>. The page title is "Advantech WebAccess Project Manager".

On the left side, there is a tree view under "Project/Node". The "Training" node is expanded, showing a list of nodes: "20091215", "Port1 (tcpip)", "modbusTCP", "DI0", "Calc Point", "calculate", "Const Point", "A0", and "A1". Below this, there is a "Device Driver" section with "A101" and "ABPLC5".

In the main content area, the "Add DataLog Trend" button is highlighted with a red box. To its right is a "Download" button. Below these buttons, the text "Node : Training • 20091215" is displayed. Below this, there is a table with the following structure:

Group Number	Description	Update	Delete
No Data			

- Add “A0” and “A1” to Tag Name
- Remember to setup both “Display High #” and “Display Low 3”
- Last, click “Submit” button

DataLogTrend - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 ☆ 我的最愛 ↻ 移至 連結 »

網址(1) http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

DataLog Trend List

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DI0
 - Calc Point calculate
 - Const Point
 - A0
 - A1

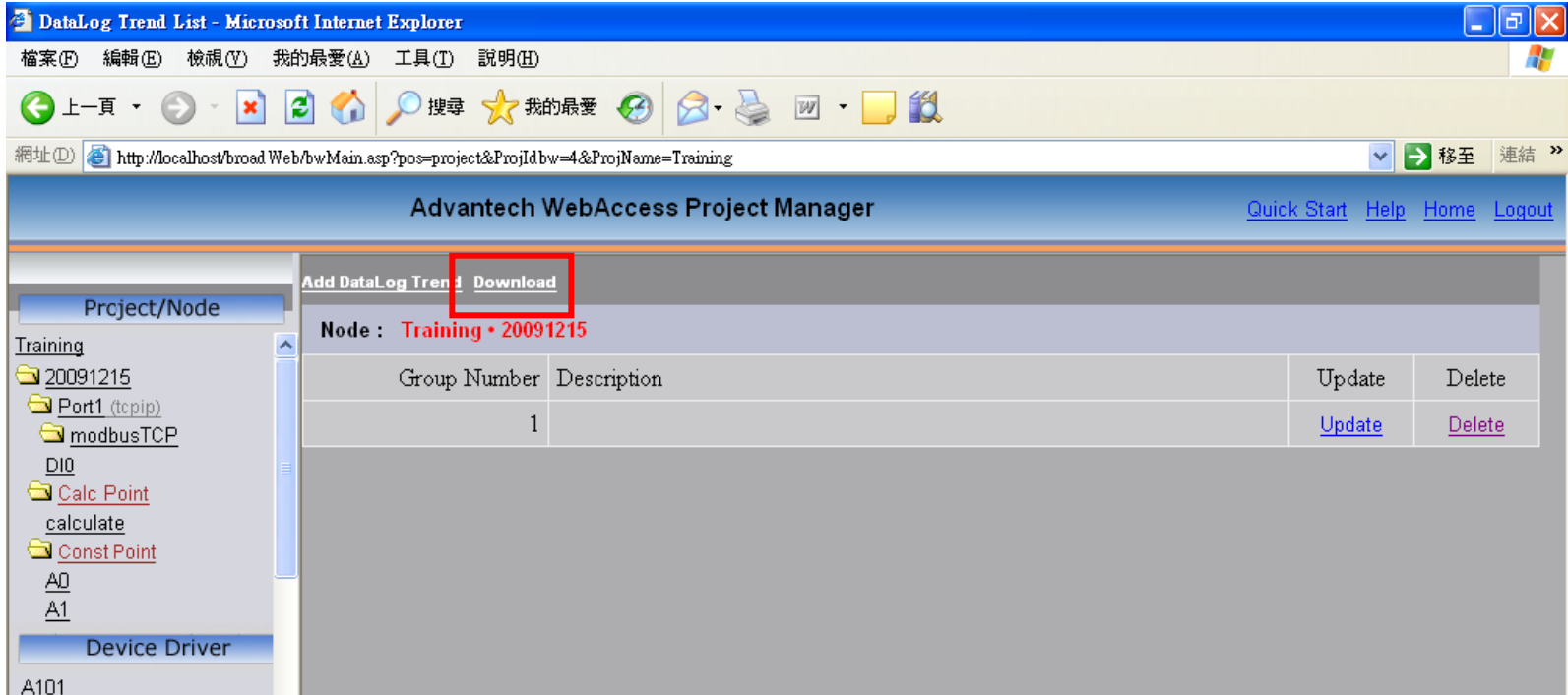
Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K

Create New DataLog Trend Group [Cancel] [Submit]

Group Number	1	Trend Templates	dlogtrd.bxx / dlogxyp.bxx
Description		Tag List	
Time Span	6 minutes		
Tag Name 1	A0	Plot Type 1	0 0:Last, 1:Max, 2:Min. 3:Average
Display High 1	1000	Display Low 1	0
Tag Name 2	A1	Plot Type 2	0 0:Last, 1:Max, 2:Min. 3:Average
Display High 2	1000	Display Low 2	0
Tag Name 3		Plot Type 3	0 0:Last, 1:Max, 2:Min. 3:Average
Display High 3		Display Low 3	

- Click “Download”



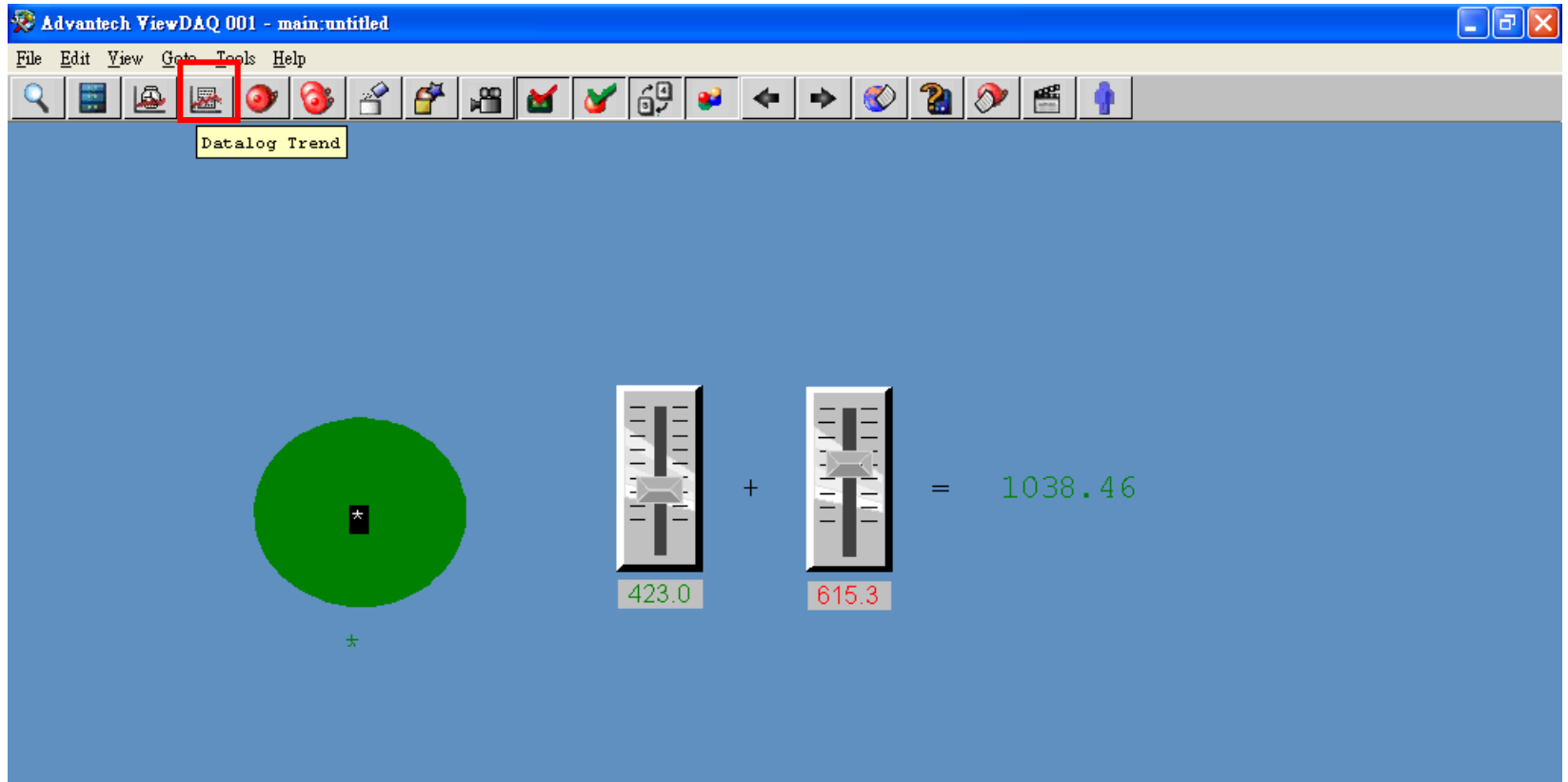
Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Download

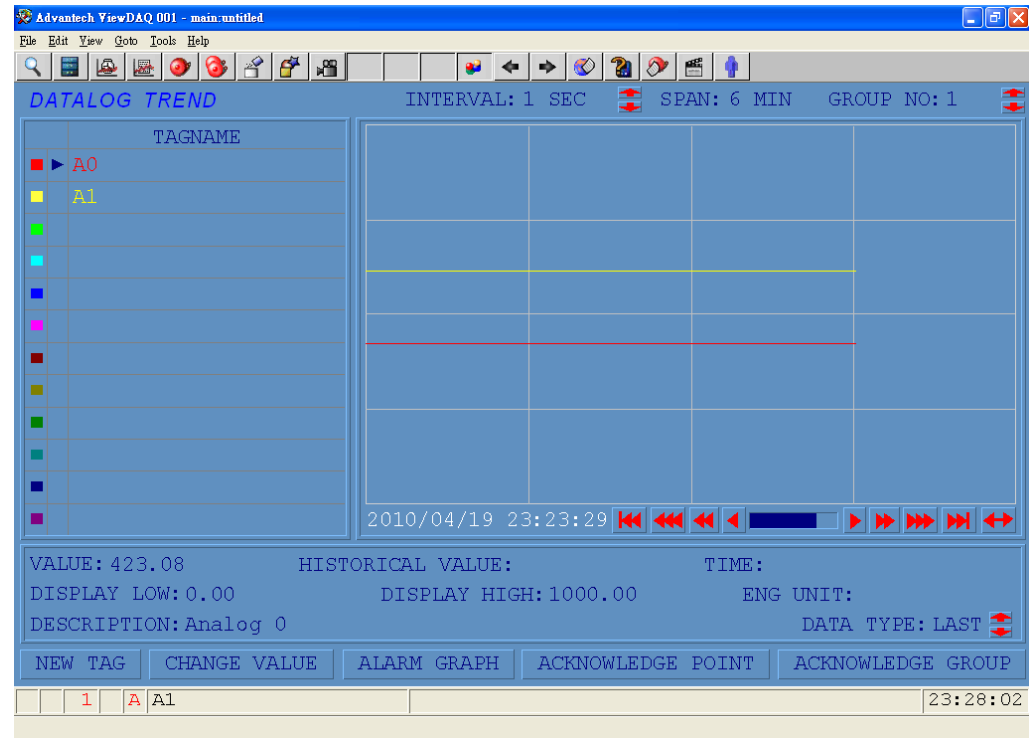
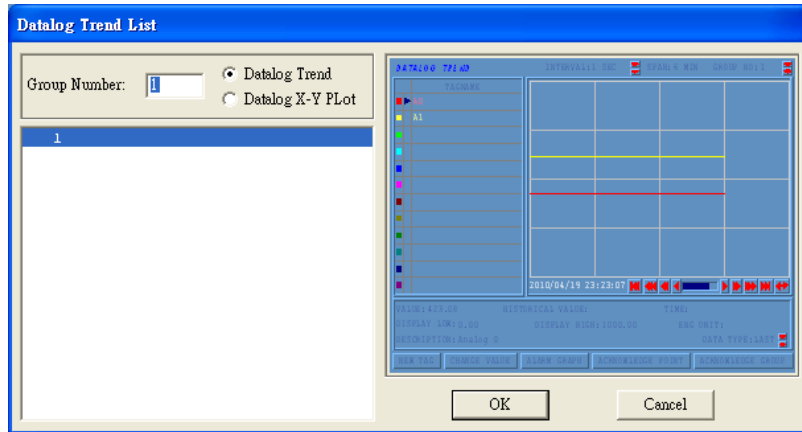
Node : Training • 20091215

Group Number	Description	Update	Delete
1		Update	Delete

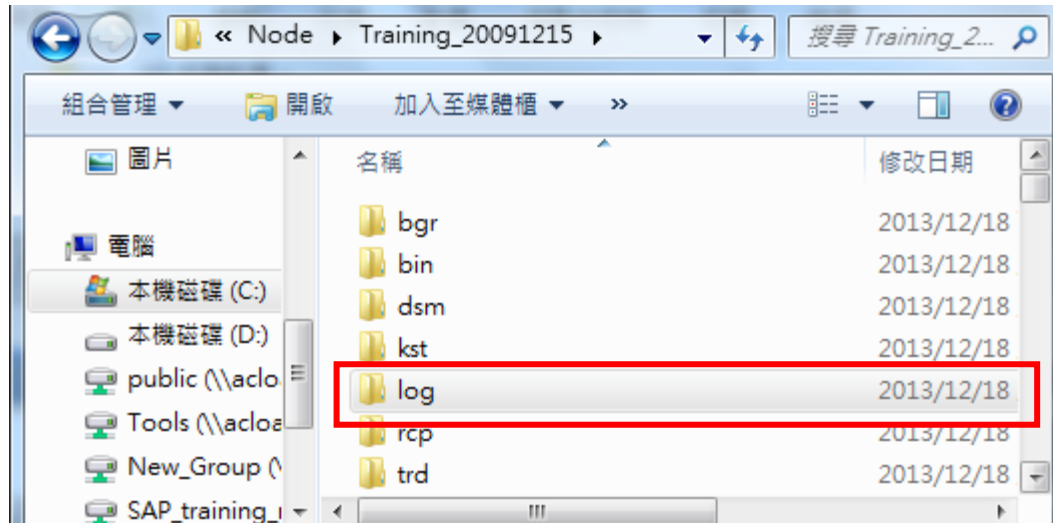
- Click “Datalog Trend” button in ViewDAQ



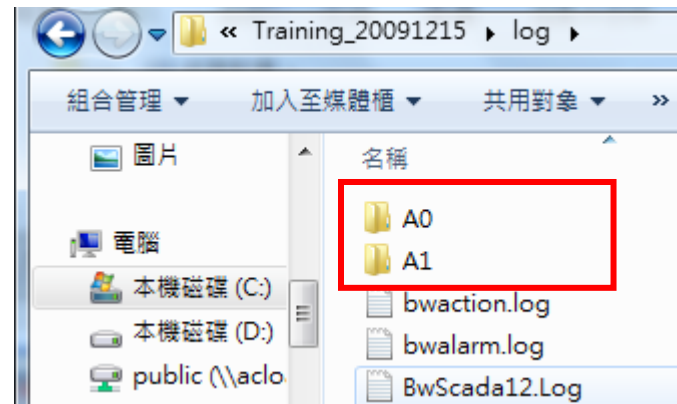
- Select “Group Number” and user will be able to see the Datalog Trend.



- Trend data will be stored at
 - drive:\webaccess\node\Training_20091215\log



- Data is stored based on tag name






ADVANTECH

Alarm

- Click “A0” in ConstPoint, then click “Tag Property”

網址(D)  http://localhost/broad Web/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0**
 - A1

Device Driver

A101

ARPI C5

Tag Property **Delete**

Tag : Training • 20091215 • A0

Tag Type	Constant (analog)
Tag Name	A0
Description	Analog 0
Scan Type	Constant Scan
Log Data	Yes
Data Log Dead Band	3 %
Write Action Log	Yes
Read Only	No

- Click on “Alarm” and change its setting from “No Alarm” to “Alarm”

網址 (D) <http://localhost/broadWeb/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training>

Advantech WebAccess Project Manager [Quick Start](#)

Project/Node

Training

- 20091215
- Port1 (tcpip)
 - modbusTCP
- DIO
- Calc Point
 - calculate
- Const Point
- A0
- A1

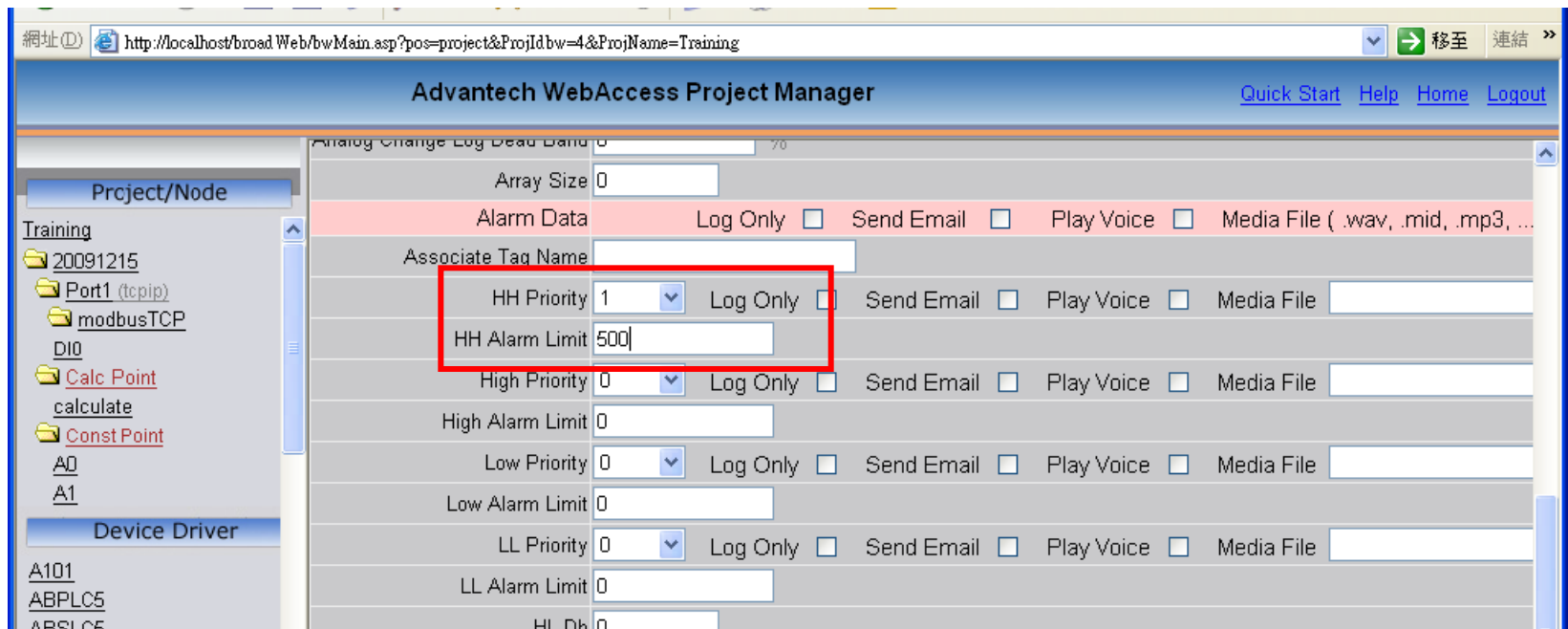
Device Driver

- A101
- ABPLC5

Update Tag [\[Cancel\]](#) [Submit](#)

Tag Type	Constant (analog)
Alarm	Alarm
Tag Name	A0
Description	Analog 0
Scan Type	Constant Scan
Log Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Data Log Dead Band	3 %
Write Action Log	<input checked="" type="radio"/> Yes <input type="radio"/> No
Read Only	<input type="radio"/> Yes <input checked="" type="radio"/> No
Keep Previous Value	<input type="radio"/> Yes <input checked="" type="radio"/> No
Initial Value	0
Security	0

- An alarm setup will appear in the bottom of the page
- There are four type of alarm: High High (HH), High, Low, and Low Low (LL)
- In HH/High/Low/LL priorities, **the default setup “0” means “NOT ACTIVE”**
- Setup “HH Priority” to “1” and setup “HH Alarm Limit” to “500”
- It means if A0 value equals or higher than 500, the alarm will be triggered.
- Last, click “submit” in the end of page to complete the process



網址 http://localhost/broad Web/bw/Main.asp?pos=project&ProjId=4&ProjName=Training

Advantech WebAccess Project Manager

Quick Start Help Home Logout

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DIO

Calc Point

calculate

Const Point

A0

A1

Device Driver

A101

ABPLC5

ABSLC5

Alarm Data

Log Only ☐ Send Email ☐ Play Voice ☐ Media File (.wav, .mid, .mp3, ...)

Associate Tag Name

HH Priority 1 Log Only ☐ Send Email ☐ Play Voice ☐ Media File

HH Alarm Limit 500

High Priority 0 Log Only ☐ Send Email ☐ Play Voice ☐ Media File

High Alarm Limit 0

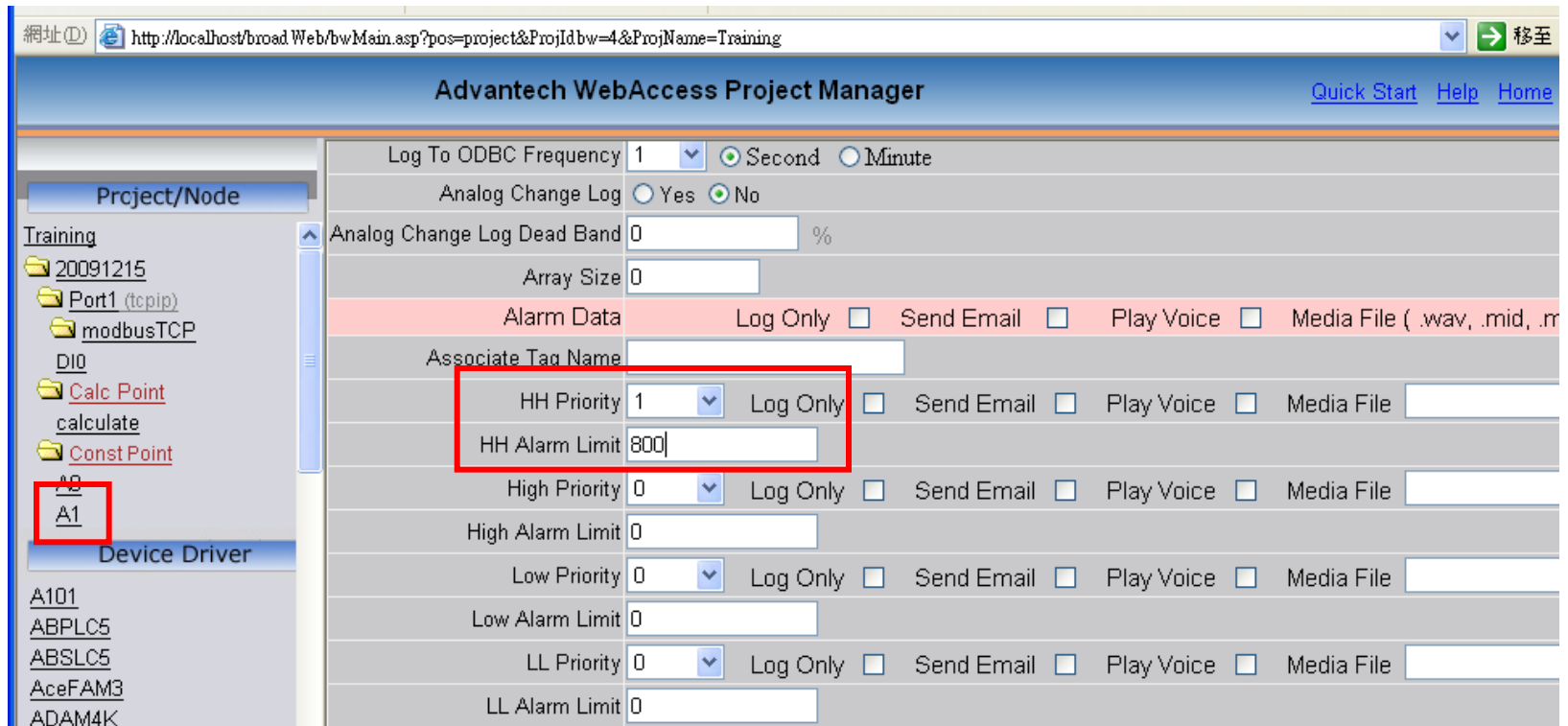
Low Priority 0 Log Only ☐ Send Email ☐ Play Voice ☐ Media File

Low Alarm Limit 0

LL Priority 0 Log Only ☐ Send Email ☐ Play Voice ☐ Media File

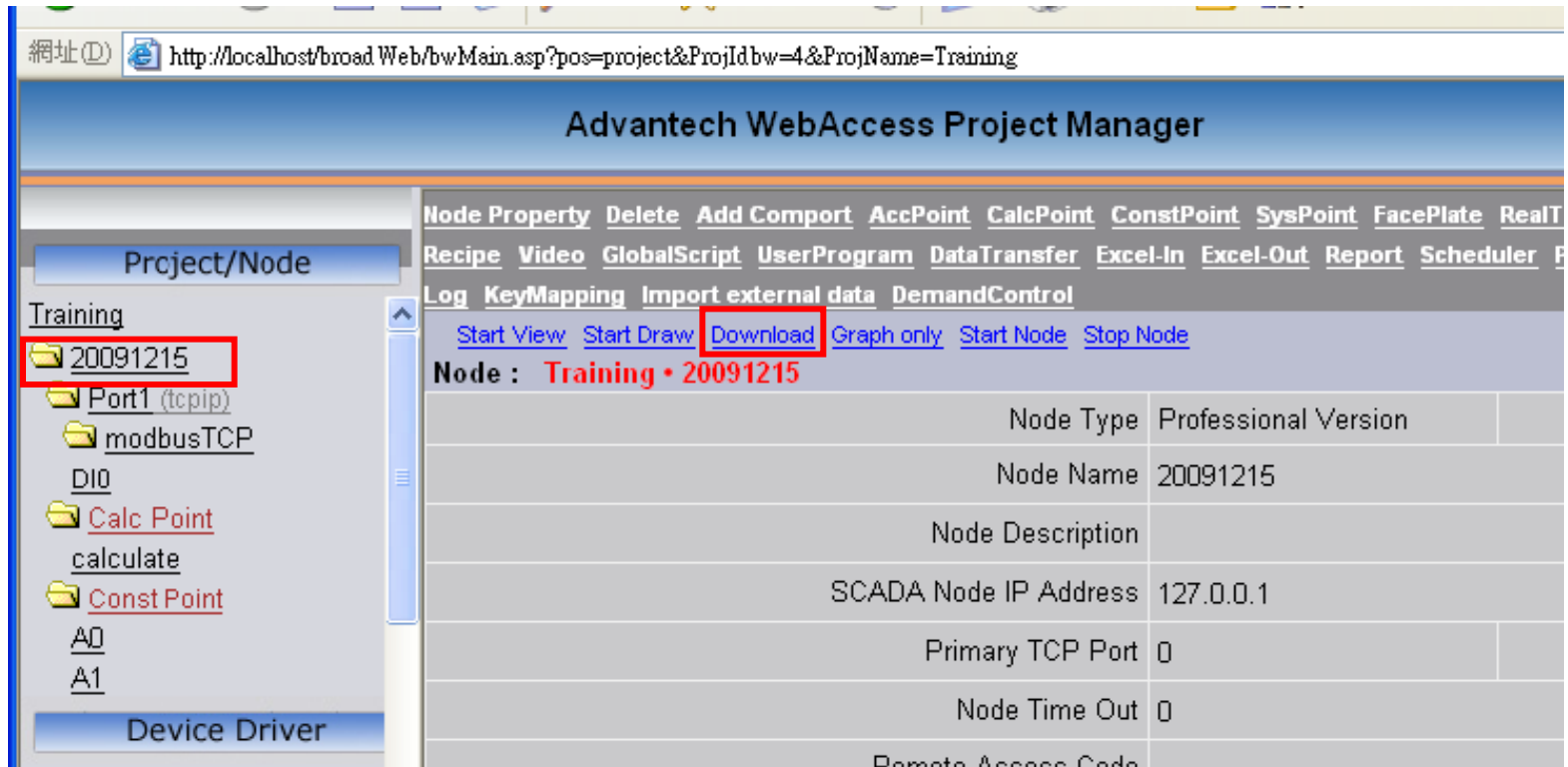
LL Alarm Limit 0

- Also active the constant point A1 alarm.
- This time, setup “HH Alarm Limit” value to 800
- Click “submit” to complete the setup



The screenshot shows the Advantech WebAccess Project Manager interface. The left sidebar displays the project structure under 'Training', with 'A1' selected under the 'Device Driver' section. The main area shows the configuration for the selected alarm. The 'HH Alarm Limit' is set to 800, and the 'HH Priority' is set to 1. The 'Log To ODBC Frequency' is set to 1 Second. The 'Analog Change Log' is set to No. The 'Analog Change Log Dead Band' is set to 0%. The 'Array Size' is set to 0. The 'Alarm Data' section is highlighted in red, showing options for 'Log Only', 'Send Email', 'Play Voice', and 'Media File'. The 'Associate Tag Name' field is empty. The 'HH Priority' is set to 1, and the 'HH Alarm Limit' is set to 800. The 'High Priority' is set to 0, and the 'High Alarm Limit' is set to 0. The 'Low Priority' is set to 0, and the 'Low Alarm Limit' is set to 0. The 'LL Priority' is set to 0, and the 'LL Alarm Limit' is set to 0.

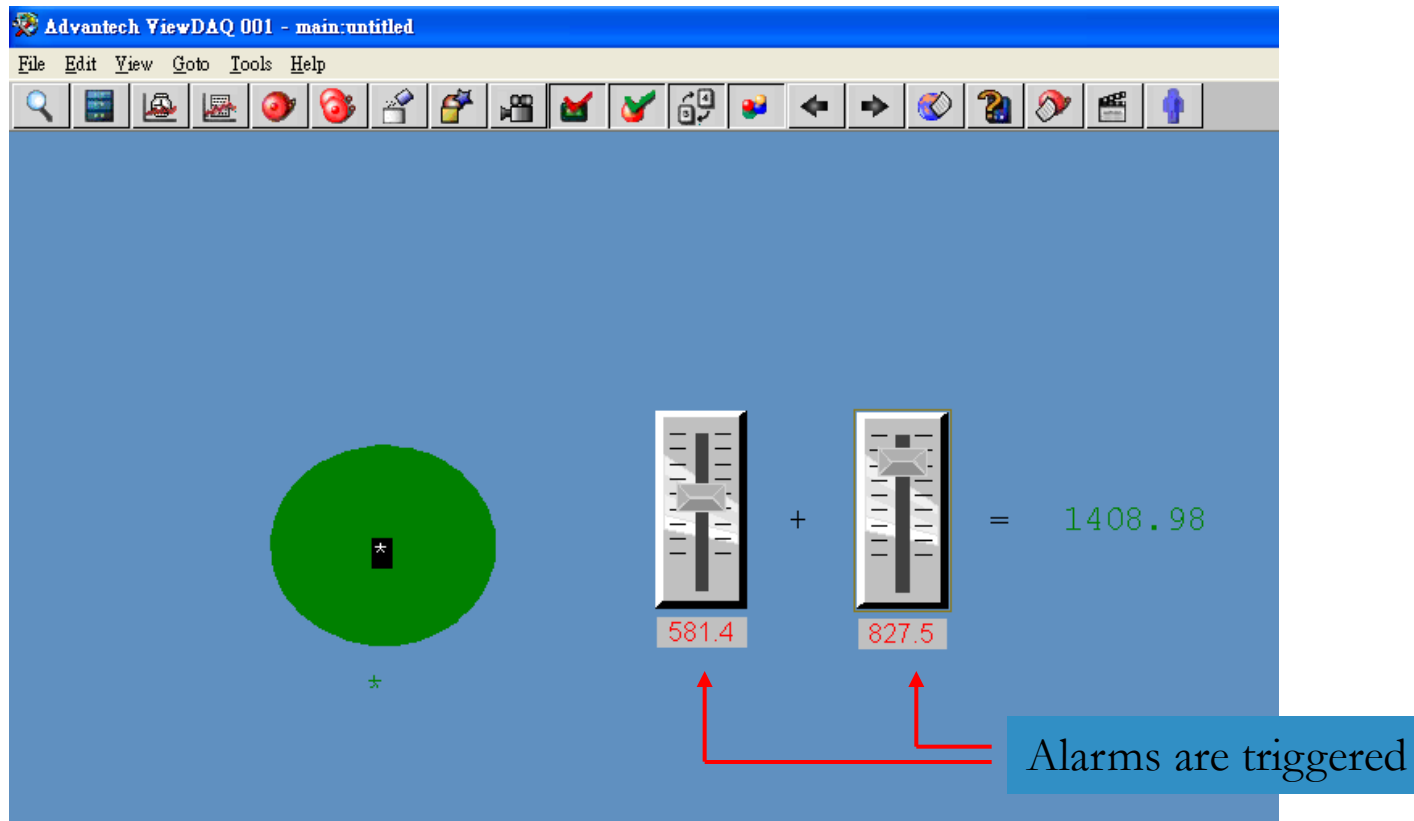
- Click SCADA Node and click “Download”



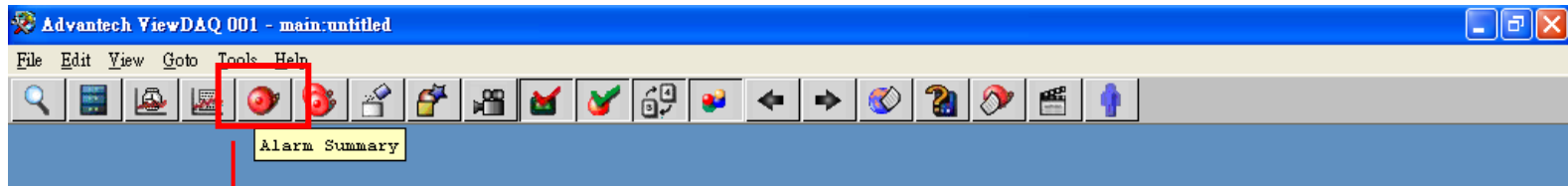
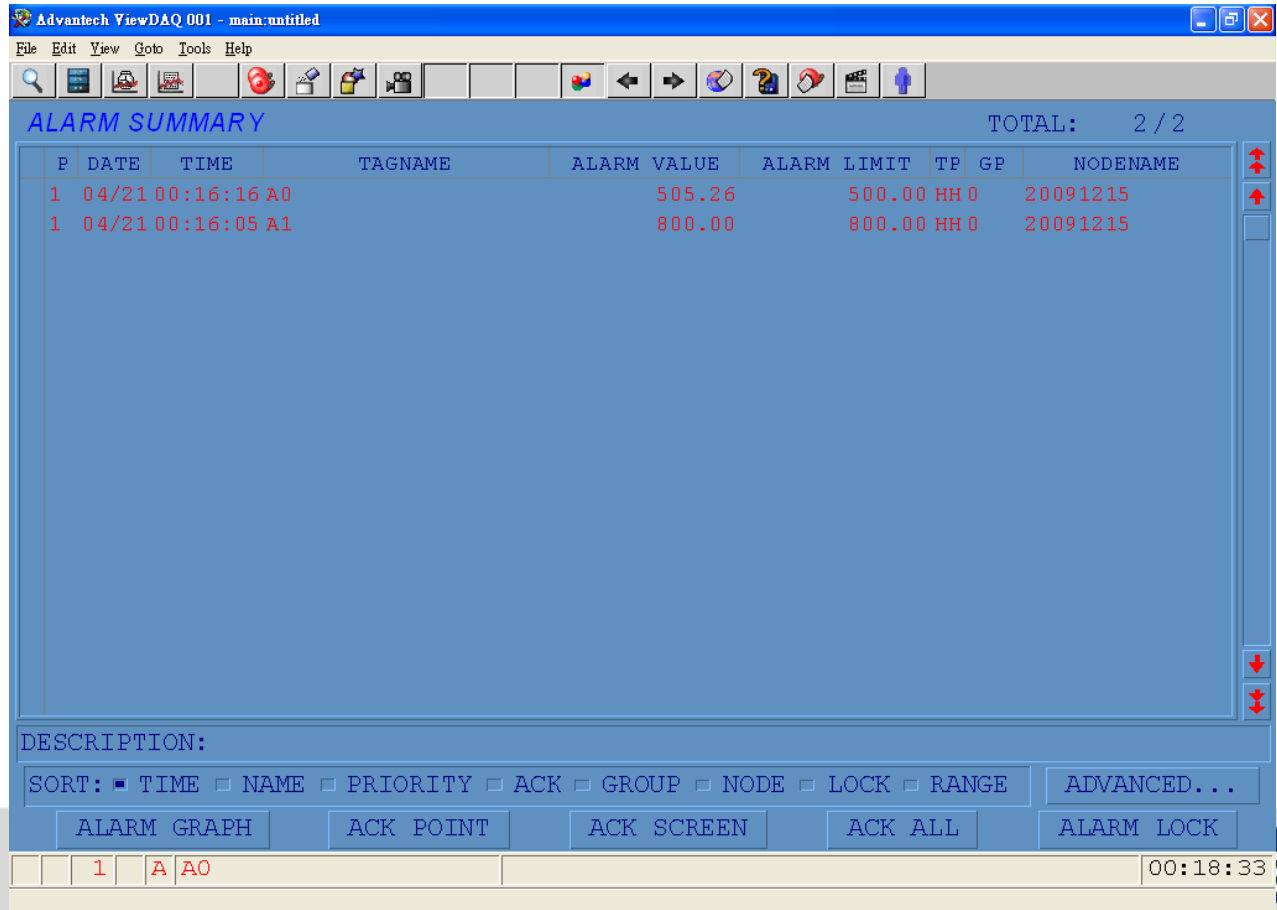
The screenshot shows the Advantech WebAccess Project Manager interface. The left sidebar displays a tree structure under 'Project/Node' with 'Training' selected. Under 'Training', the node '20091215' is highlighted with a red box. Below it are 'Port1 (tcpip)', 'modbusTCP', 'DIO', 'Calc Point', 'calculate', 'Const Point', 'A0', and 'A1'. The main area shows a menu bar with options like 'Node Property', 'Delete', 'Add Comport', etc. Below the menu bar, there are links: 'Start View', 'Start Draw', 'Download' (highlighted with a red box), 'Graph only', 'Start Node', and 'Stop Node'. Below these links, the text 'Node : Training • 20091215' is displayed. A table shows node details:

Node Type	Professional Version
Node Name	20091215
Node Description	
SCADA Node IP Address	127.0.0.1
Primary TCP Port	0
Node Time Out	0
Remote Access Code	

- Turn on ViewDAQ
- If A0 value equals or over 500, the alarm will be triggered.
- If A1 value equals or over 800, the alarm will be triggered.



- Click “Alarm summary” will be able to view all alarm details

The screenshot shows the "ALARM SUMMARY" window in the Advantech ViewDAQ 001 software. The title bar reads "Advantech ViewDAQ 001 - main:untitled". The menu bar includes "File", "Edit", "View", "Goto", "Tools", and "Help". The toolbar contains various icons. The main window displays a table of alarm details with the following columns: P, DATE, TIME, TAGNAME, ALARM VALUE, ALARM LIMIT, TP, GP, and NODENAME. The table shows two alarm entries. Below the table, there is a "DESCRIPTION:" section, a "SORT:" section with checkboxes for TIME, NAME, PRIORITY, ACK, GROUP, NODE, LOCK, and RANGE, and an "ADVANCED..." button. At the bottom, there are buttons for "ALARM GRAPH", "ACK POINT", "ACK SCREEN", "ACK ALL", and "ALARM LOCK". The status bar at the bottom shows "1 A A0" and a timestamp of "00:18:33".

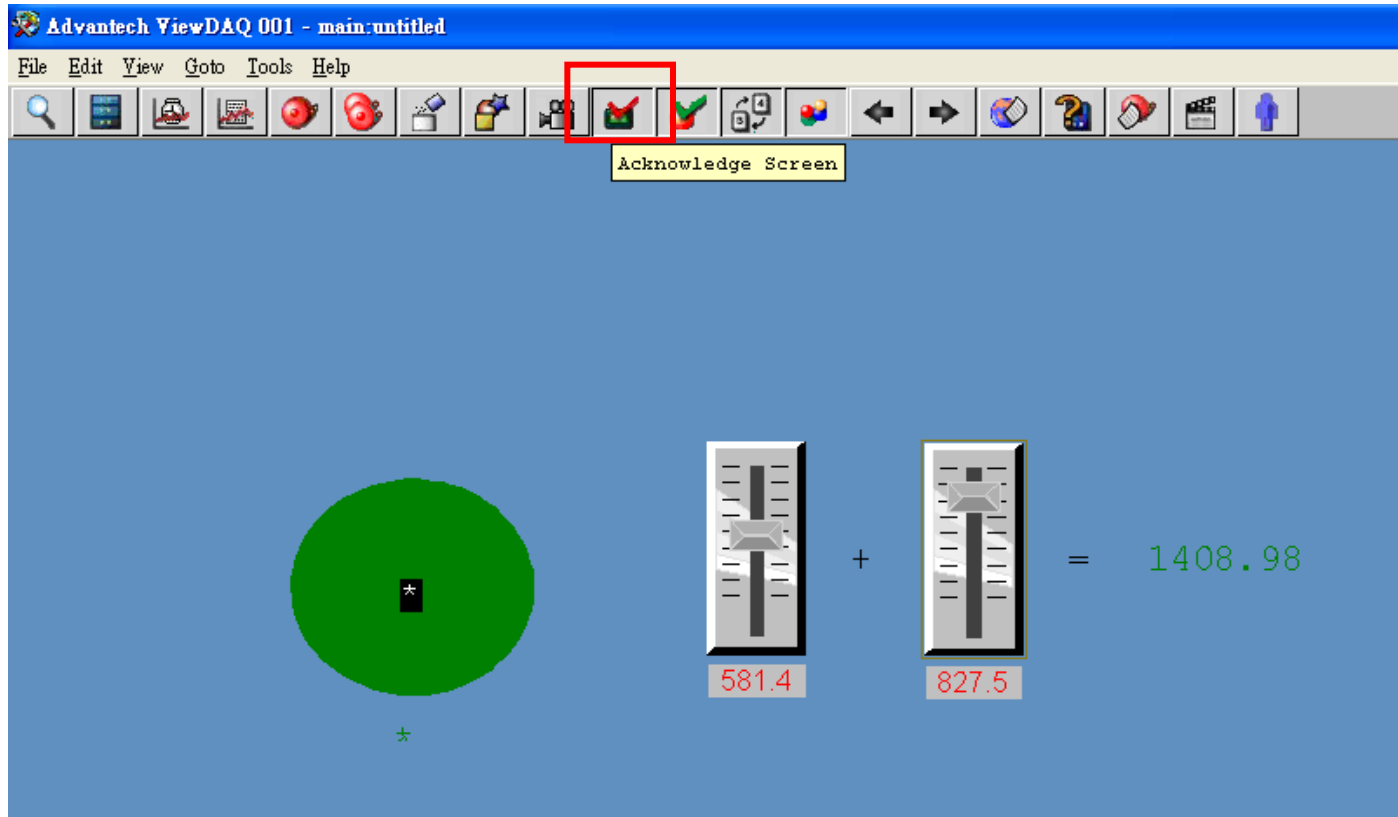
P	DATE	TIME	TAGNAME	ALARM VALUE	ALARM LIMIT	TP	GP	NODENAME
1	04/21	00:16:16	A0	505.26	500.00 HH	0		20091215
1	04/21	00:16:05	A1	800.00	800.00 HH	0		20091215

DESCRIPTION:

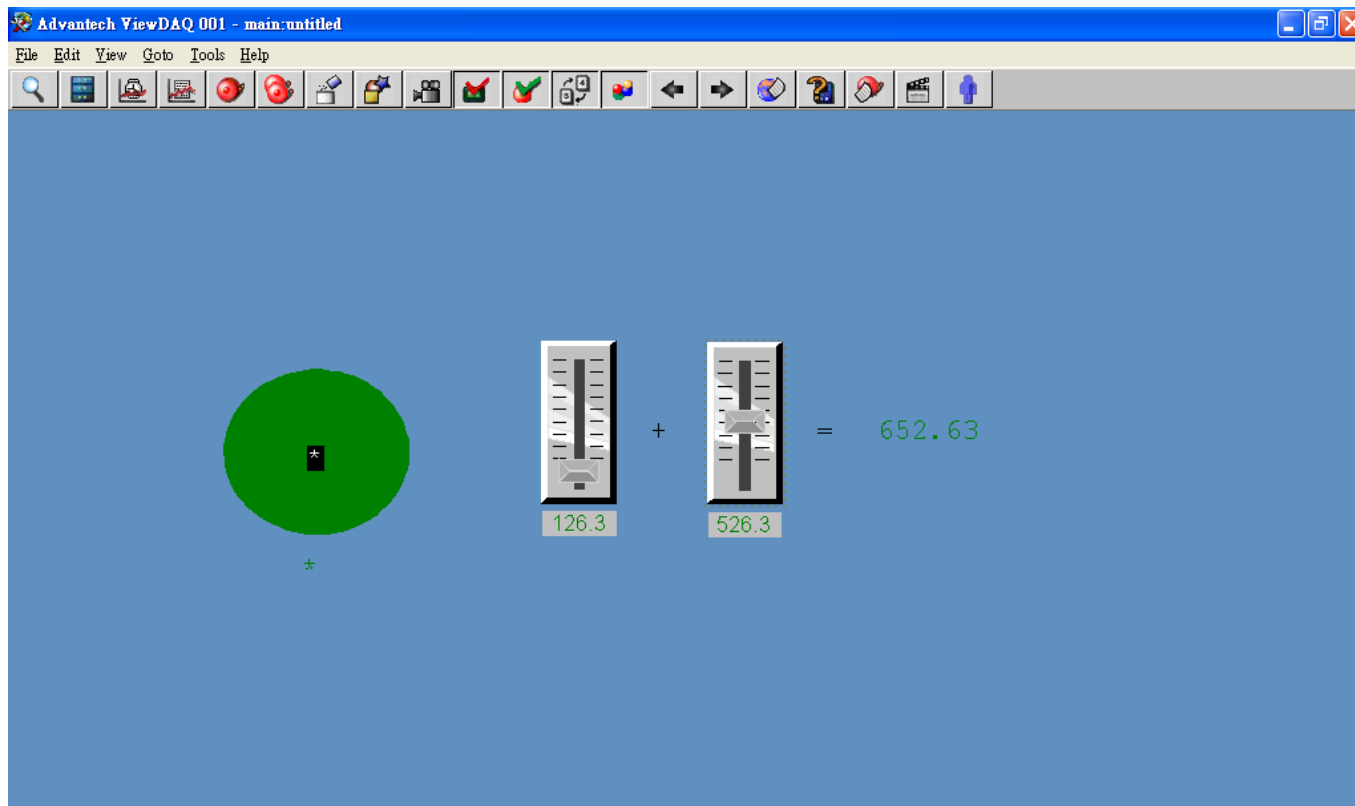
SORT: ☒ TIME ☐ NAME ☐ PRIORITY ☐ ACK ☐ GROUP ☐ NODE ☐ LOCK ☐ RANGE

1 A A0 00:18:33

- Click “Acknowledge Screen” can acknowledge the alarm, but the A0 and A1 values are still marked in red.



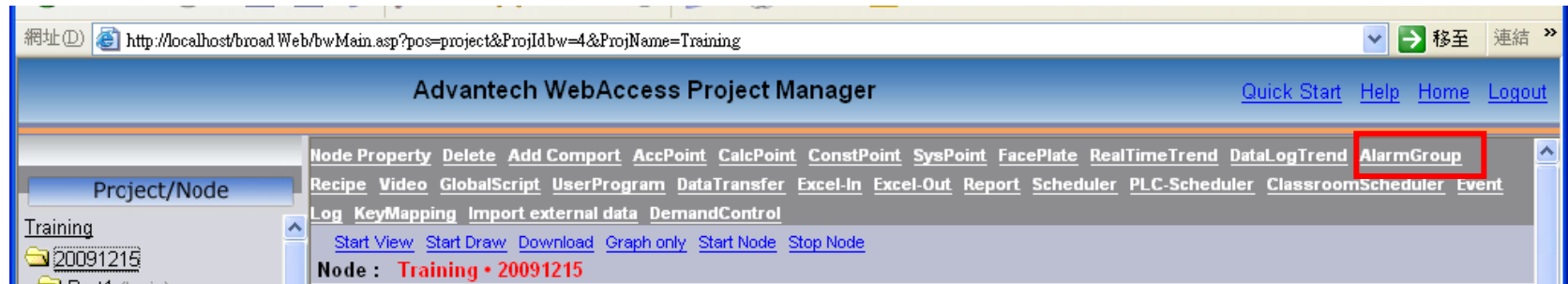
- If A0 and A1 values are lower than alarm triggered value, the value will color will be back to green.
- Note. Red and green colour are default color, user is freely to change all these colors in DrawDAQ.



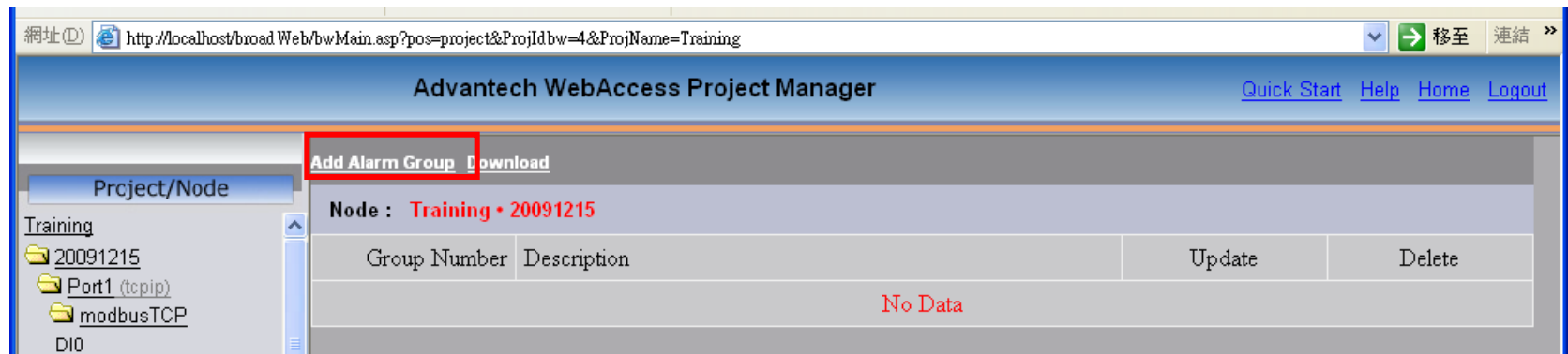


Alarm Group

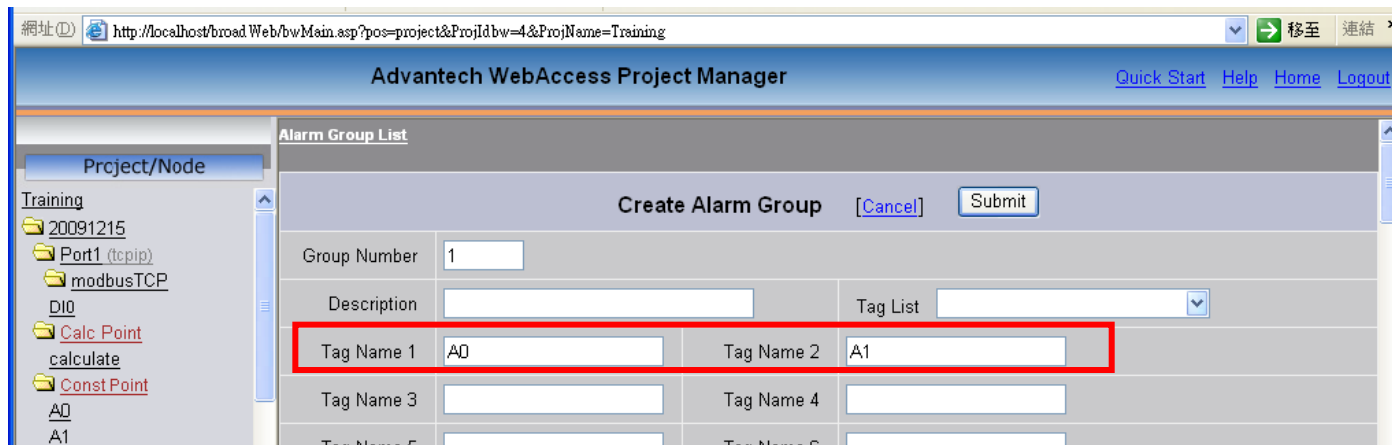
- Click on SCADA Node (20091215) -> AlarmGroup



- Click on “Add Alarm Group”



- In Group Number 1, enter A0 in Tag Name 1, and A1 in Tag Name 2.
- Click “Submit” button



Advantech WebAccess Project Manager

Quick Start Help Home Logout

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DIO

Calc Point

calculate

Const Point

A0

A1

Alarm Group List

Create Alarm Group [Cancel] Submit

Group Number 1

Description

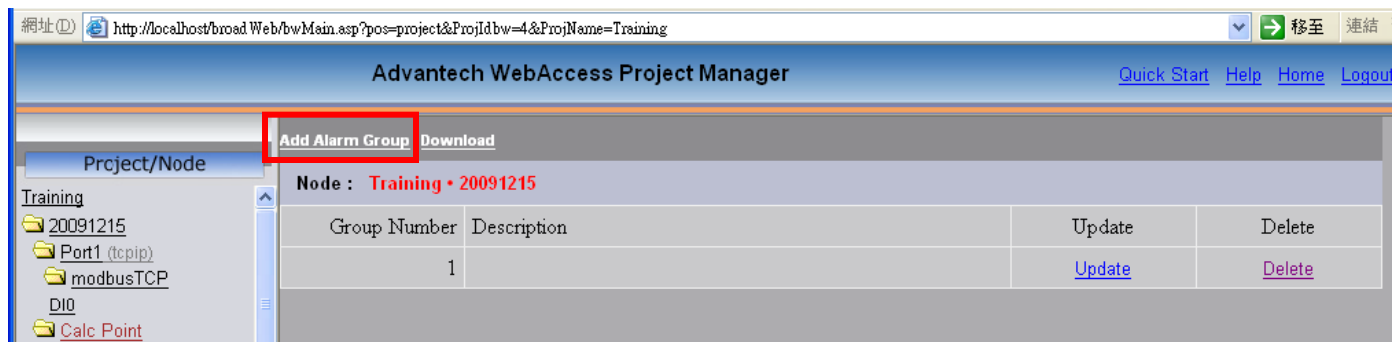
Tag List

Tag Name 1 A0 Tag Name 2 A1

Tag Name 3 Tag Name 4

Tag Name 5

- Click “Add Alarm Group” to add another alarm group



Advantech WebAccess Project Manager

Quick Start Help Home Logout

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DIO

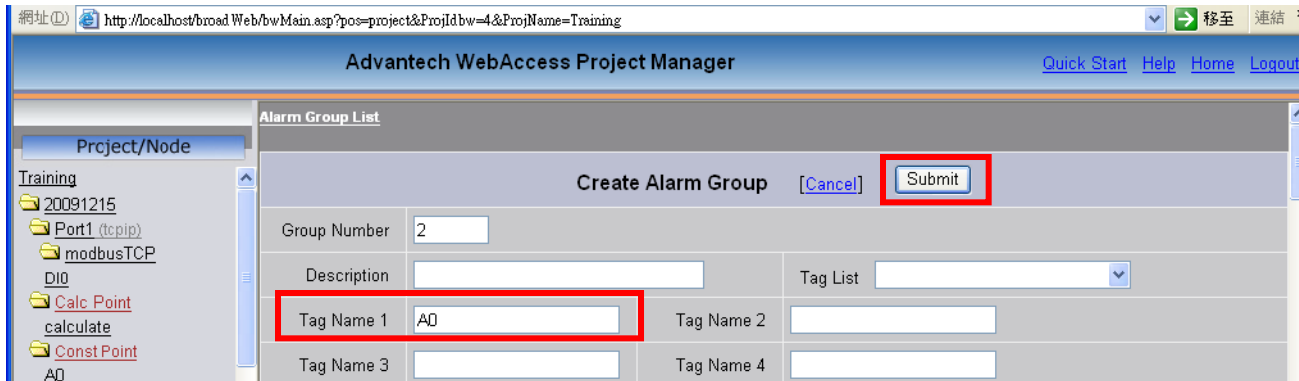
Calc Point

Add Alarm Group Download

Node : Training • 20091215

Group Number	Description	Update	Delete
1		Update	Delete

- In Group Number 2, only enter A0 to Tag Name 1, then click “Submit” button



Advantech WebAccess Project Manager

Quick Start Help Home Logout

Alarm Group List

Project/Node

Training

20091215

Port1 (tcpip)

modbusTCP

DIO

Calc Point

calculate

Const Point

AQ

Create Alarm Group [Cancel] Submit

Group Number 2

Description

Tag List

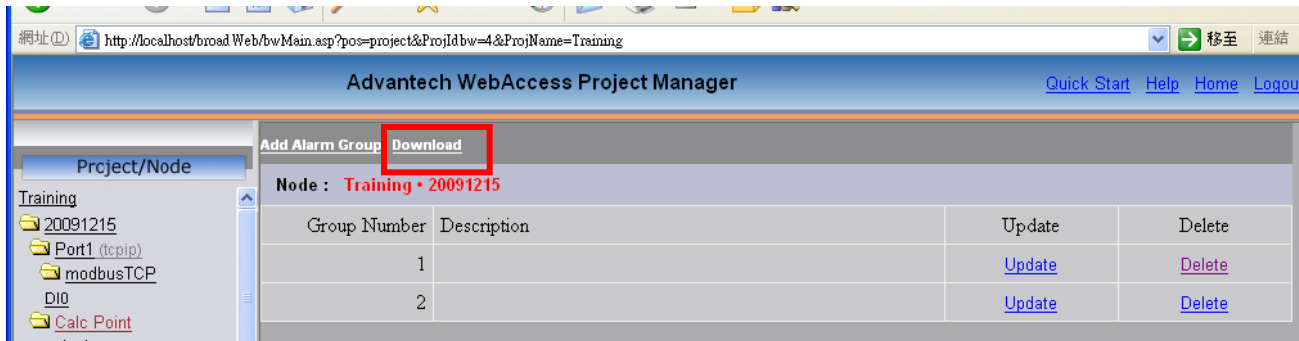
Tag Name 1 A0

Tag Name 2

Tag Name 3

Tag Name 4

- Click “Download”



Advantech WebAccess Project Manager

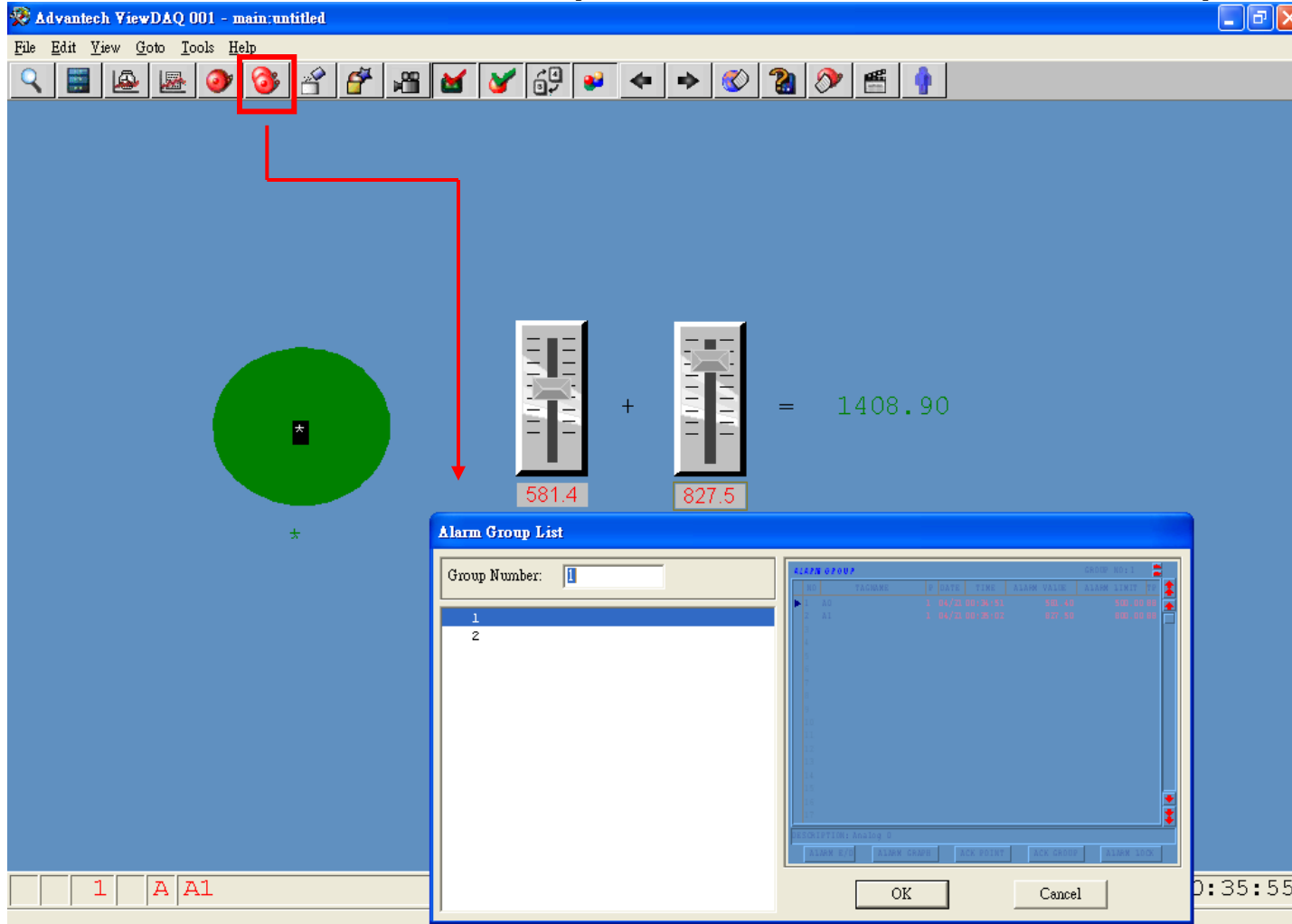
Quick Start Help Home Logout

Add Alarm Group Download

Node : Training • 20091215

Group Number	Description	Update	Delete
1		Update	Delete
2		Update	Delete

- In ViewDAQ, click “Alarm Group” button and select a Alarm Group to monitor

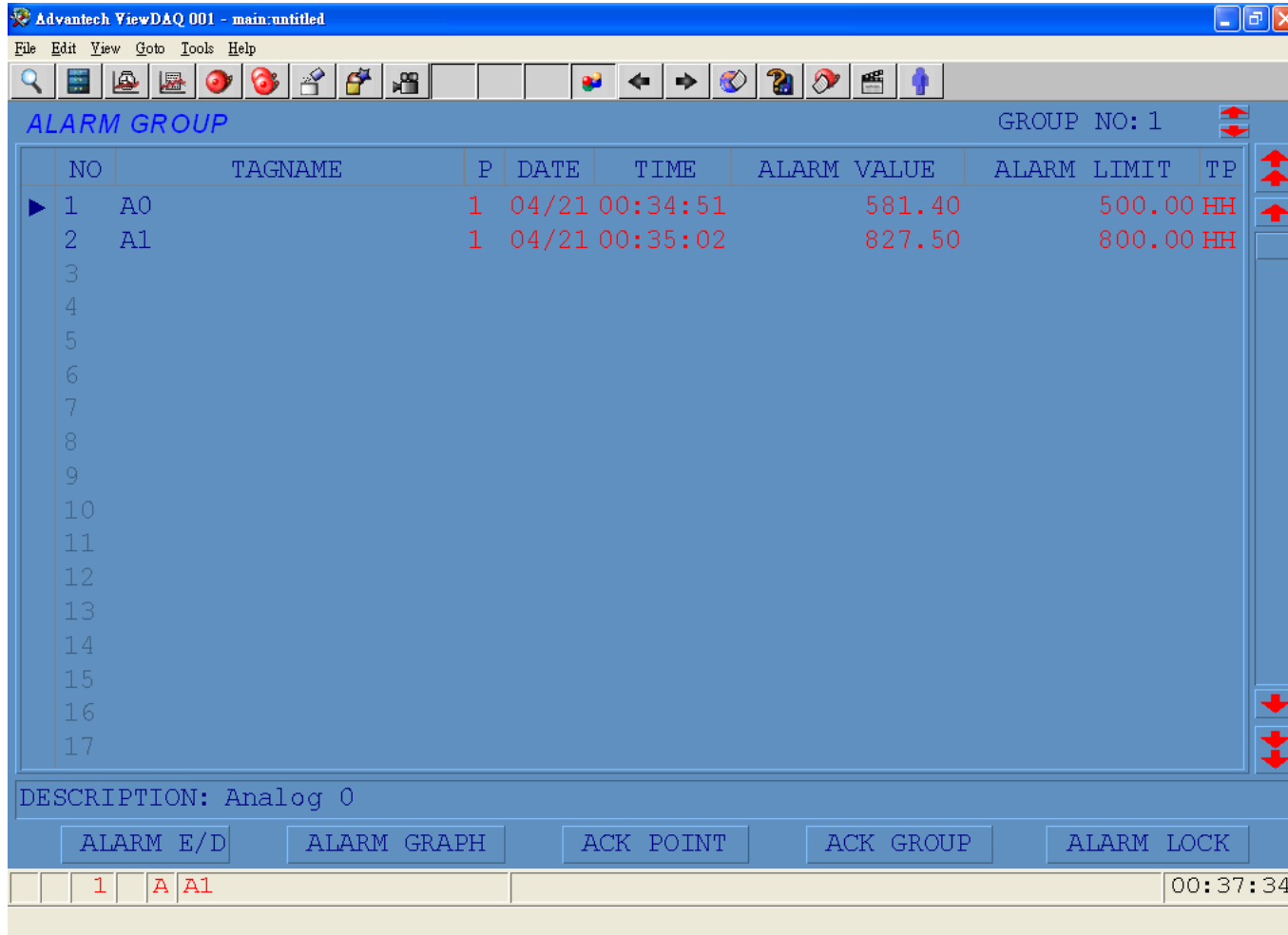


The screenshot shows the Advantech ViewDAQ 001 - main:untitled interface. A red box highlights the "Alarm Group" button in the toolbar, with a red arrow pointing to the "Alarm Group List" dialog box. The main interface displays a green circle with a black asterisk, two vertical sliders with values 581.4 and 827.5, and a green text display showing 1408.90. The "Alarm Group List" dialog box is open, showing a list of alarm groups with columns for Group Number, Name, Date, Time, Alarm Value, and Alarm Link. The list contains two entries: 1. A1 and 2. A2. The "Group Number" field is set to 1. The "OK" and "Cancel" buttons are at the bottom of the dialog box.

Group Number	Name	Date	Time	Alarm Value	Alarm Link
1	A1	04/20/2012	00:35:55	581.4	581.4
2	A2	04/20/2012	00:35:55	827.5	827.5

Alarm Group

- If user selects Alarm Group 1, then this is how it looks like.



Advantech ViewDAQ 001 - main:untitled

File Edit View Goto Tools Help

ALARM GROUP GROUP NO: 1

NO	TAGNAME	P	DATE	TIME	ALARM VALUE	ALARM LIMIT	TP
1	A0	1	04/21	00:34:51	581.40	500.00 HH	HH
2	A1	1	04/21	00:35:02	827.50	800.00 HH	HH
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

DESCRIPTION: Analog 0

ALARM E/D ALARM GRAPH ACK POINT ACK GROUP ALARM LOCK

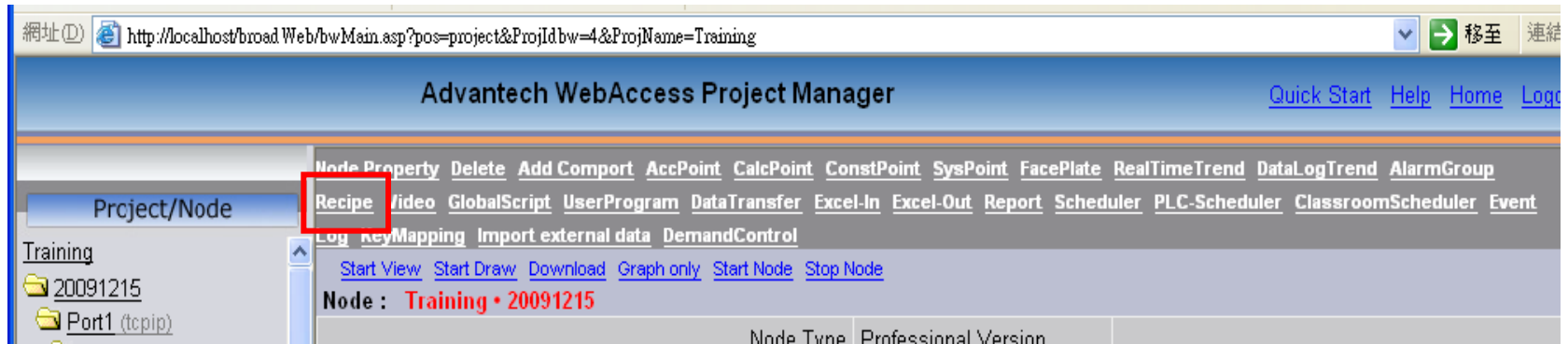
1 A A1 00:37:34



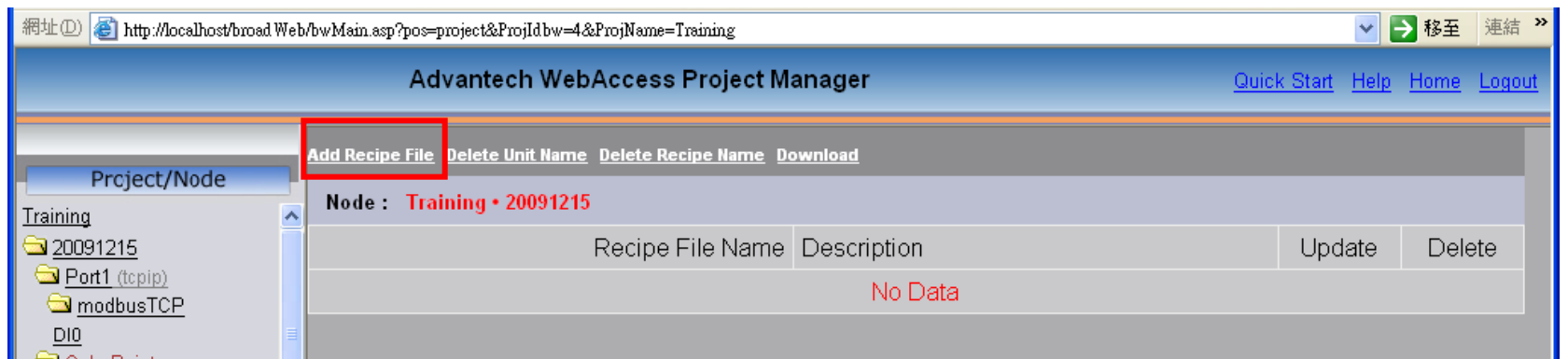
ADVANTECH

Recipe

- Click “Recipe” in SCADA Node



- Click “Add Recipe File”



- **Unit Number:** a group of tags
- **Recipe:** a group of preset values

網址 http://localhost/broad Web/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Recipe File List

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000
- AXLNFBM

Add/Update Recipe File [\[Cancel\]](#) [Submit](#)

Recipe File Name Description

Tolerance %

Edit Security Area Level Read Only ☐

Download Security Area Level

Unit Name

Recipe Name

Number of Items Tag List

Item Name	Tag Name	Preset Value
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

[\[Cancel\]](#) [Submit](#)

- Enter “Recipe File Name” as “R1”
- Enter “Unit Name” as “unit1” and enter “Recipe Name” as “recipe1”
- Enter the “Item Name”, “Tag Name” and “Preset Value”

網址 http://localhost/broadWeb/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000

Recipe File List

Add/Update Recipe File [Cancel] Submit

Recipe File Name R1 Description

Tolerance 0 %

Edit Security Area 0 Level 0 Read Only ☐

Download Security Area 0 Level 0

Unit Name unit1

Recipe Name recipe1

Number of Items 5 Tag List

Item Name	Tag Name	Preset Value
1	A0	100
2	A1	100

[Cancel] Submit

- Click “Submit” button
- The list boxes will appear beside the Unit Name and Recipe Name.

網址 (D) http://localhost/broad Web/bwMain.asp?pos=project&ProjId=4&ProjName=Training

移至 連結 »

Advantech WebAccess Project Manager

[Quick Start](#) [Help](#) [Home](#) [Logout](#)

Recipe File List

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000

Update Recipe File

[Cancel] Submit

Recipe File Name	R1	Description	
Tolerance	0 %		
Edit Security	Area 0 Level 0	Read Only	<input type="checkbox"/>
Download Security	Area 0 Level 0		
Unit Name	unit1	unit1	▼
Recipe Name	recipe1	recipe1	▼
Number of Items	5	Tag List	▼
Item Name	Tag Name	Preset Value	
1	A0	100	
2	A1	100	

[Cancel] Submit

- Enter “recipe2” in Recipe Name
- Enter the new value in Preset Value
- Click “Submit” button

網址: <http://localhost/broadWeb/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training> [移至](#) [連結](#)

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Recipe File List

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DI0
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIO
- AdvDAQ
- AE6000

Update Recipe File [\[Cancel\]](#) [Submit](#)

Recipe File Name: R1 Description:

Tolerance: 0 %

Edit Security: Area 0 Level 0 Read Only ☐

Download Security: Area 0 Level 0

Unit Name: unit1 unit1

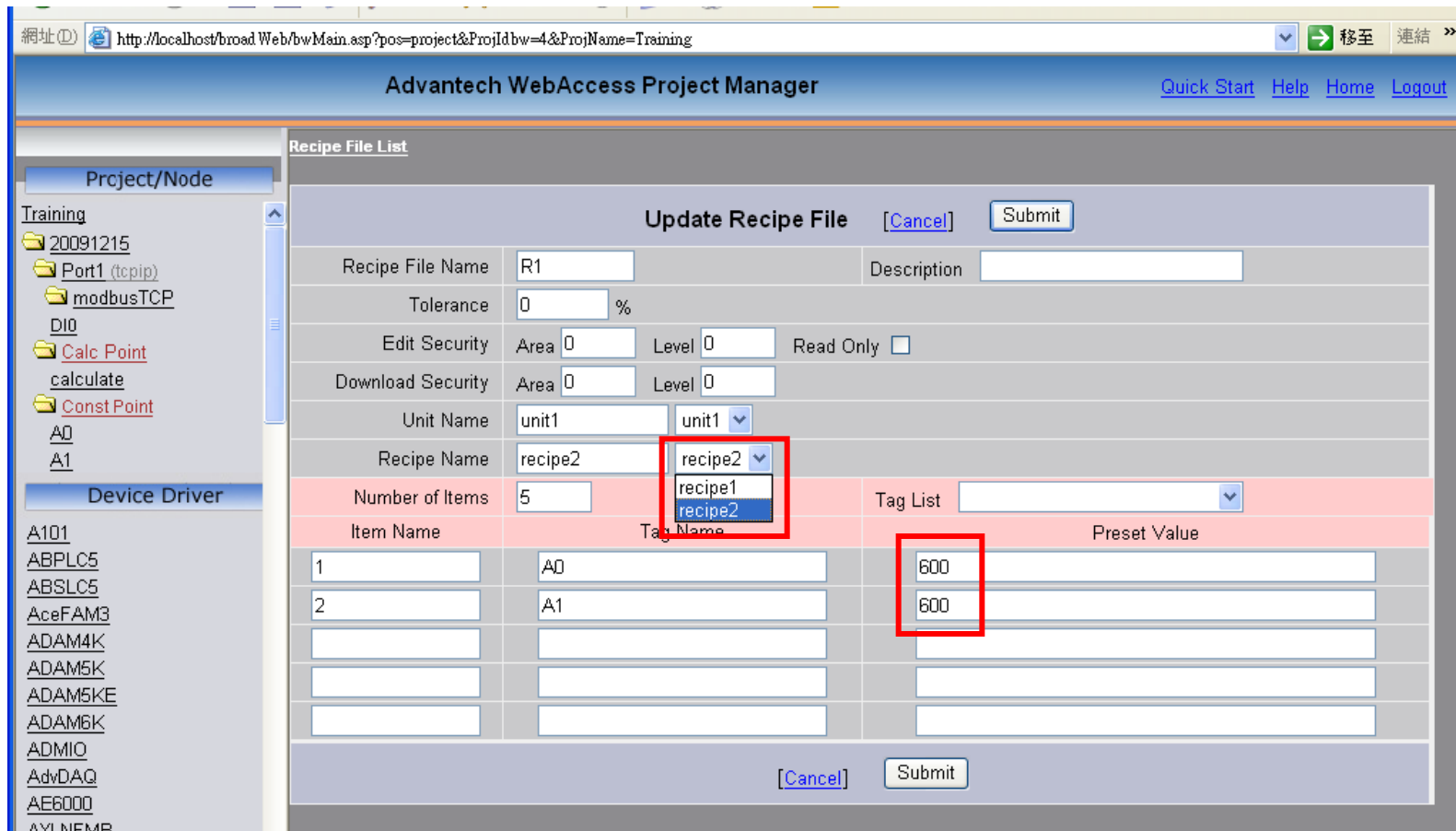
Recipe Name: recipe2 recipe1

Number of Items: 5 Tag List:

Item Name	Tag Name	Preset Value
1	A0	600
2	A1	600

[\[Cancel\]](#) [Submit](#)

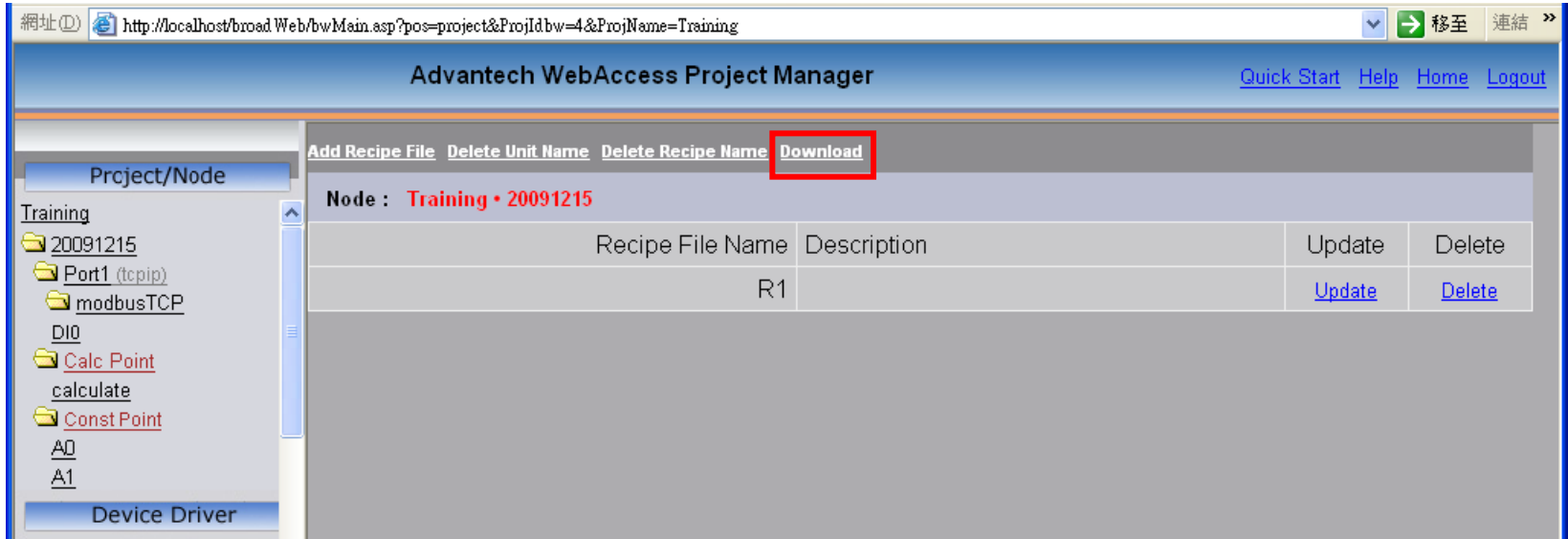
- As the below image, there will be “recipe1” and “recipe2” selections.
- Once user selects different recipe#, the preset value will be changed automatically.



The screenshot shows the Advantech WebAccess Project Manager interface. The left sidebar displays a tree view of the project structure, including 'Training' and 'Device Driver'. The main area is titled 'Recipe File List' and contains an 'Update Recipe File' form. The form includes fields for 'Recipe File Name', 'Description', 'Tolerance', 'Edit Security', 'Download Security', 'Unit Name', and 'Recipe Name'. A dropdown menu for 'Recipe Name' is highlighted, showing 'recipe1' and 'recipe2' as options. Below this, a table lists items with columns for 'Item Name', 'Tag Name', and 'Preset Value'. The table shows two items: '1' with tag 'A0' and preset value '600', and '2' with tag 'A1' and preset value '600'. The 'Preset Value' column is highlighted with a red box.

Item Name	Tag Name	Preset Value
1	A0	600
2	A1	600

- Back to SCADA Node (20091215) -> Recipe
- Click “download”



The screenshot shows the Advantech WebAccess Project Manager web interface. The browser address bar displays the URL: `http://localhost/broad Web/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training`. The page title is "Advantech WebAccess Project Manager". In the top right corner, there are links for "Quick Start", "Help", "Home", and "Logout".

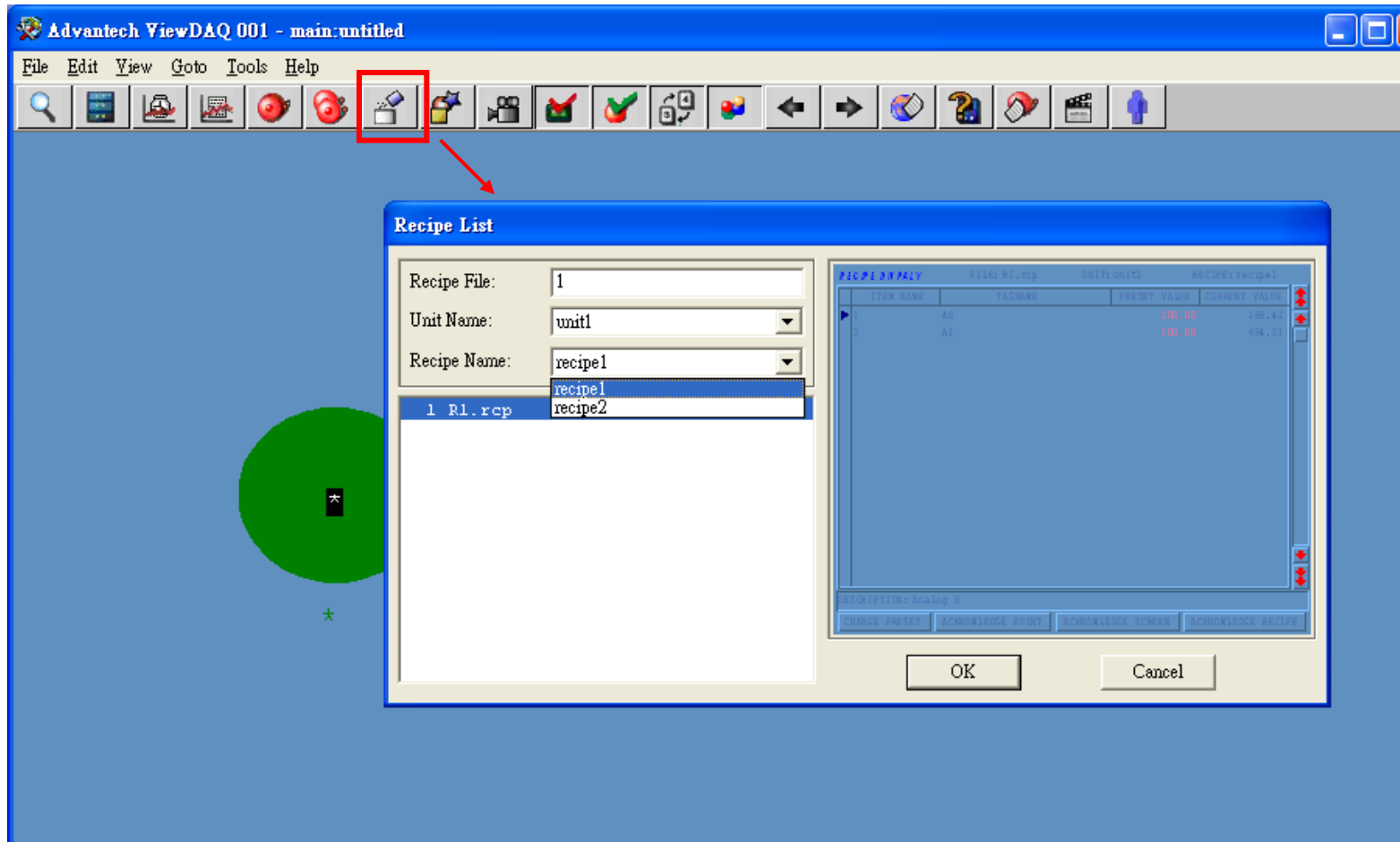
On the left side, there is a "Project/Node" tree view. Under the "Training" project, the node "20091215" is selected. Below it, there are sub-nodes: "Port1 (tcpip)", "modbusTCP", "DIO", "Calc Point", "calculate", "Const Point", "A0", and "A1".

The main content area shows the "Node : Training • 20091215" section. At the top of this section, there are four buttons: "Add Recipe File", "Delete Unit Name", "Delete Recipe Name", and "Download". The "Download" button is highlighted with a red rectangle.

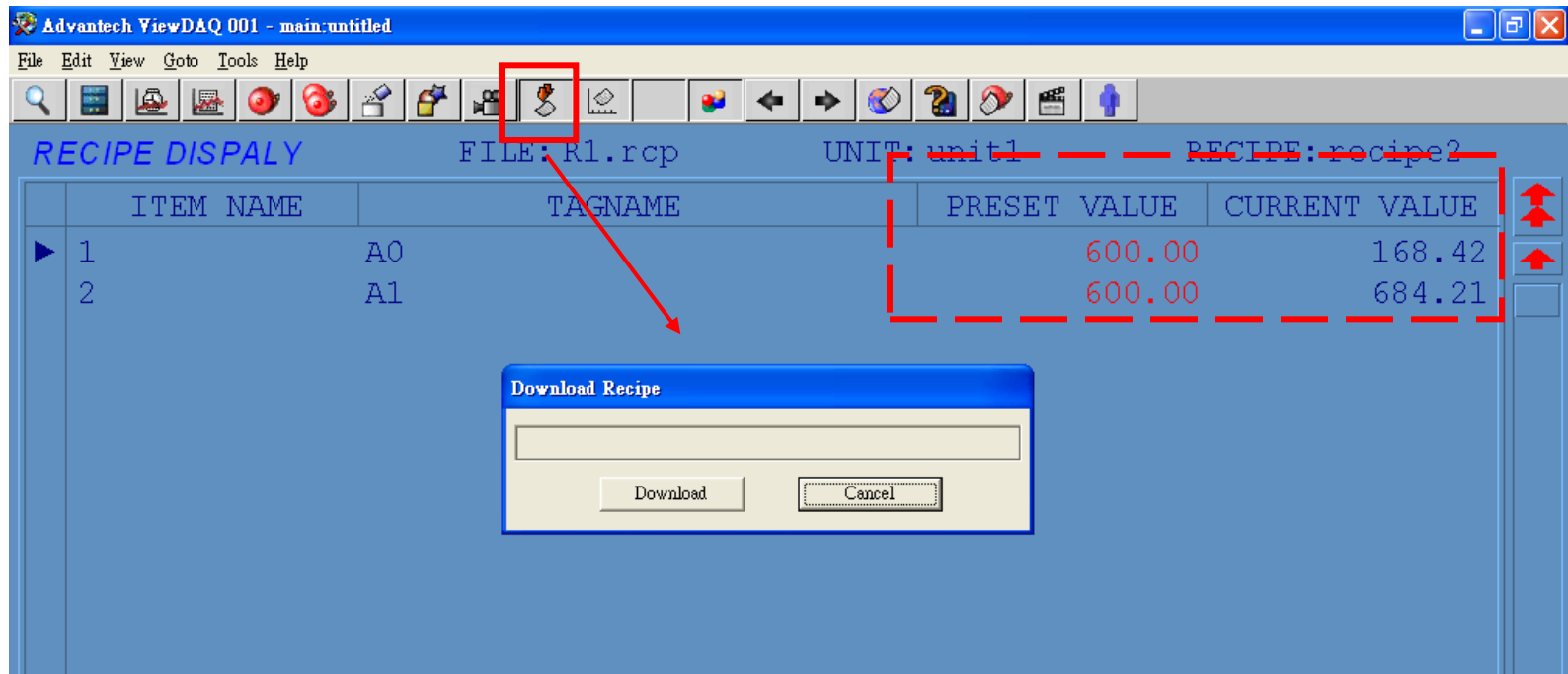
Below the buttons, there is a table with the following structure:

Recipe File Name	Description	Update	Delete
R1		Update	Delete

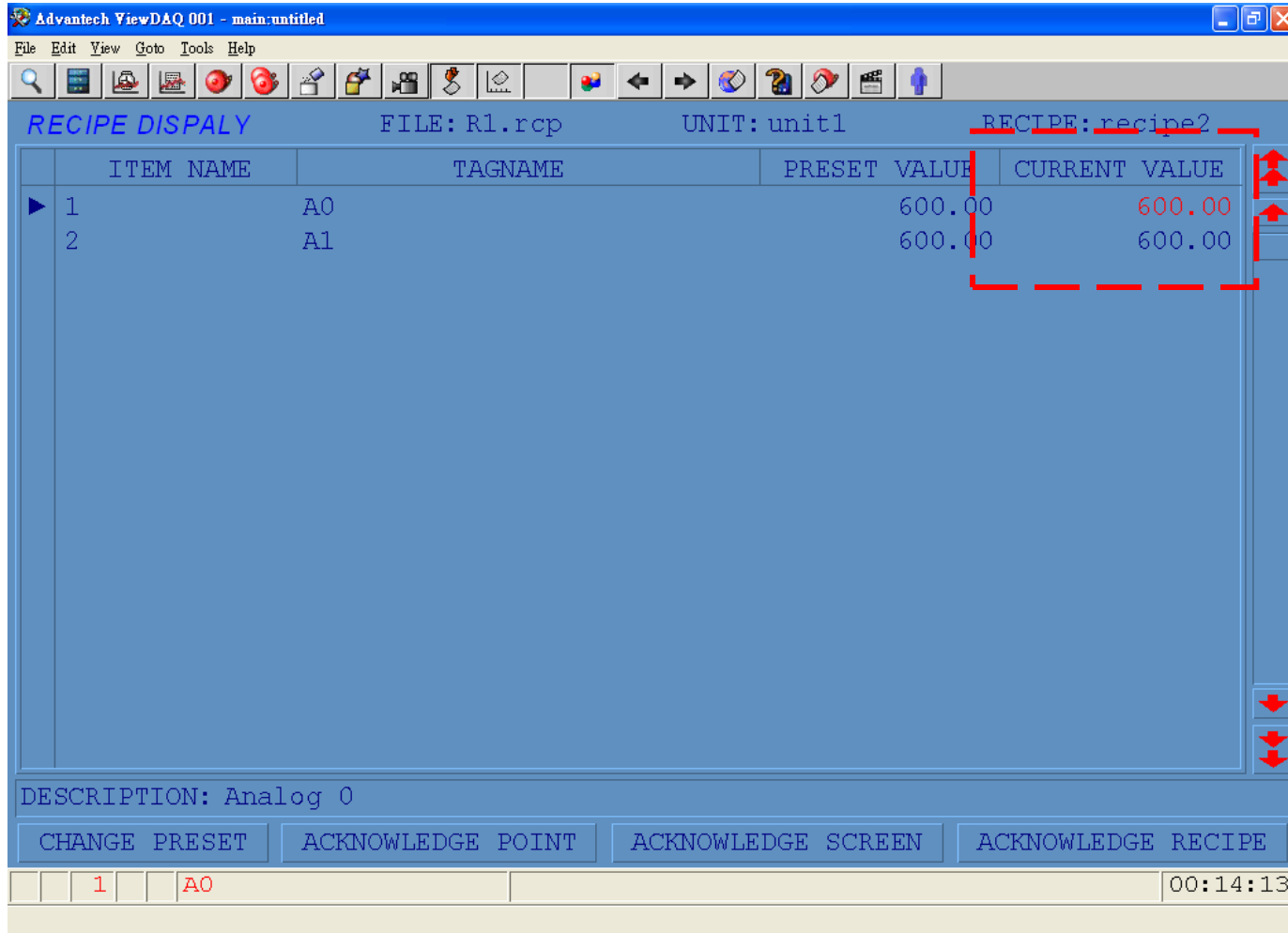
- In ViewDAQ, click “Recipe” button
- Select “Unit Name” and “Recipe Name”, then click “OK” button



- Click “Download”, a “Download Recipe” dialog box will appear.
- Click “Download” button, the “CURRENT VALUE” values will be modified to “PRESET VALUE” values



- After clicking “download” button, the A0 and A1 values will be changed.



Advantech ViewDAQ 001 - main:untitled

File Edit View Goto Tools Help

RECIPE DISPALY FILE: R1.rcp UNIT: unit1 RECIPE: recipe2

ITEM NAME	TAGNAME	PRESET VALUE	CURRENT VALUE
1	A0	600.00	600.00
2	A1	600.00	600.00

DESCRIPTION: Analog 0

CHANGE PRESET ACKNOWLEDGE POINT ACKNOWLEDGE SCREEN ACKNOWLEDGE RECIPE

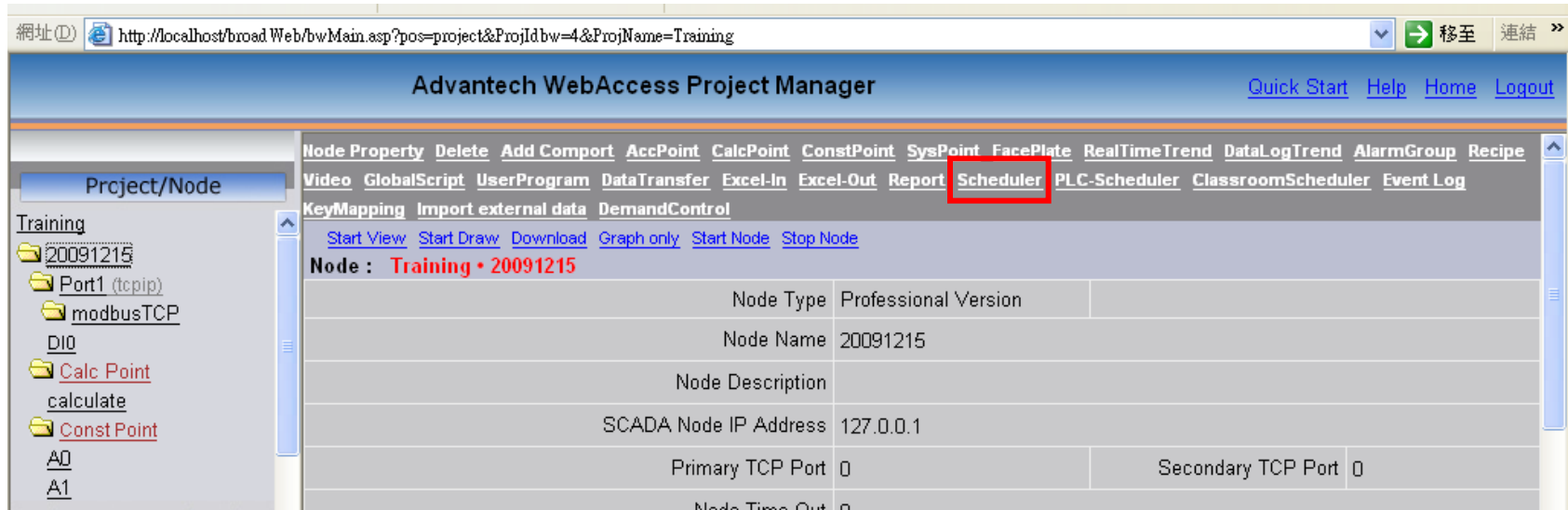
1 A0 00:14:13



ADVANTECH

Scheduler

- Go to SCADA Node (20091215), and then click “Scheduler”



Advantech WebAccess Project Manager

Quick Start Help Home Logout

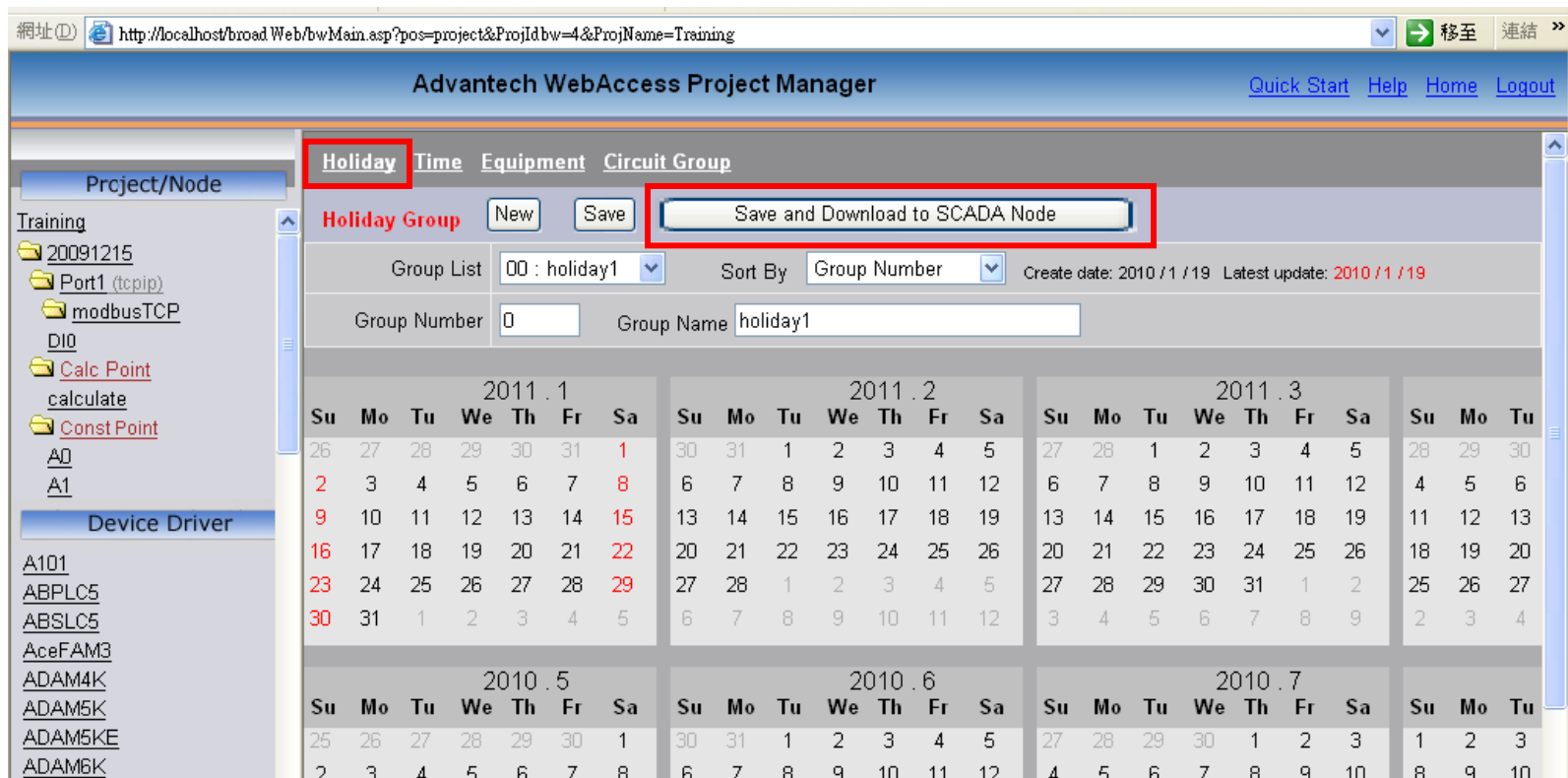
Node Property Delete Add Comport AccPoint CalcPoint ConstPoint SysPoint FacePlate RealTimeTrend DataLogTrend AlarmGroup Recipe
Video GlobalScript UserProgram DataTransfer Excel-In Excel-Out Report **Scheduler** PLC-Scheduler ClassroomScheduler Event Log
KeyMapping Import external data DemandControl

Start View Start Draw Download Graph only Start Node Stop Node

Node : Training • 20091215

Node Type	Professional Version		
Node Name	20091215		
Node Description			
SCADA Node IP Address	127.0.0.1		
Primary TCP Port	0	Secondary TCP Port	0
Node Time Out	0		

- There are four sections to setup: Holiday, Time, Equipment and Circuit Group. Please do it one by one. First, select “Holiday”
- Setup working day (scheduler will work) and non-working (scheduler will NOT work) day. The date with RED COLOUR means non-working day.
- Last, click “Save and Download SCADA Node”



Advantech WebAccess Project Manager

Quick Start Help Home Logout

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K

Holiday Time Equipment Circuit Group

Holiday Group New Save Save and Download to SCADA Node

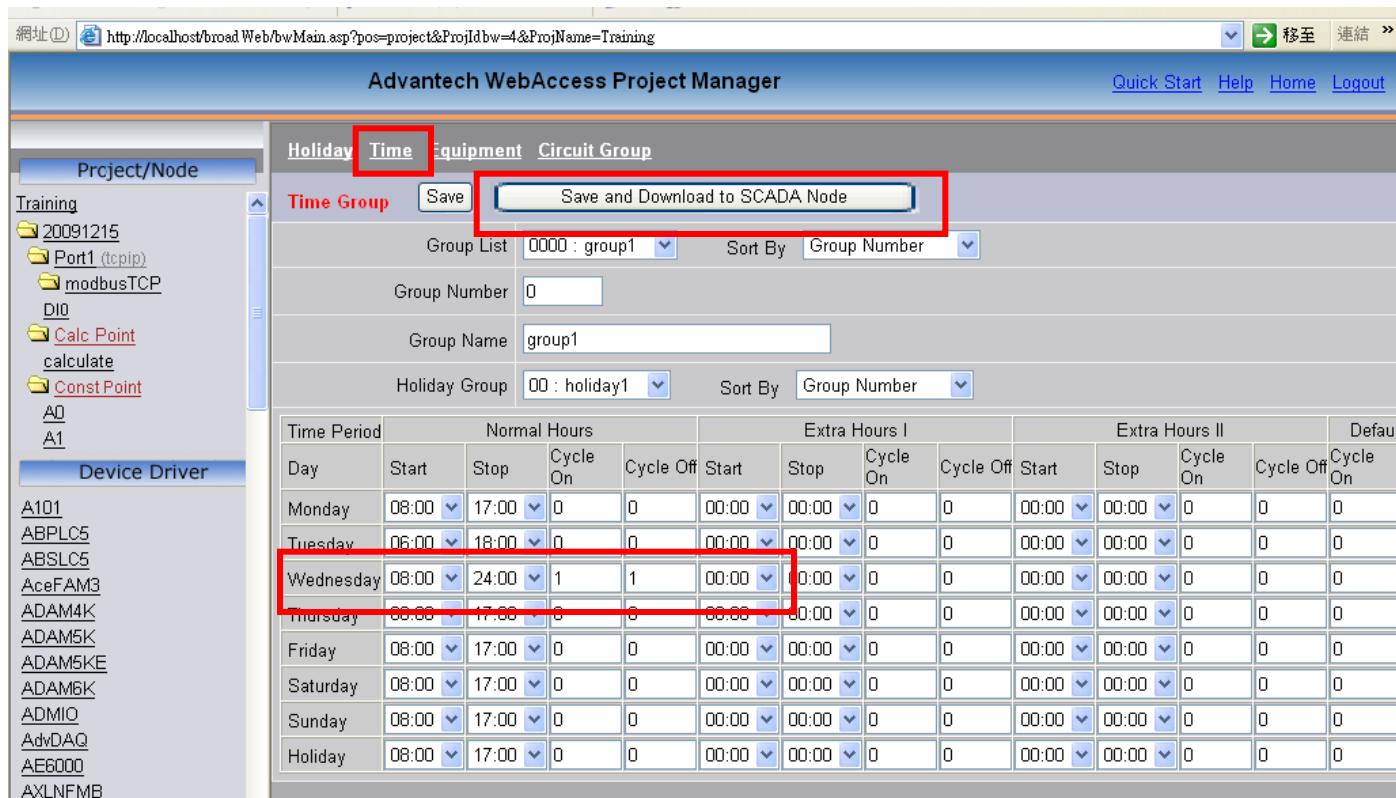
Group List 00: holiday1 Sort By Group Number Create date: 2010 / 1 / 19 Latest update: 2010 / 1 / 19

Group Number 0 Group Name holiday1

2011 . 1							2011 . 2							2011 . 3									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu
26	27	28	29	30	31	1	30	31	1	2	3	4	5	27	28	1	2	3	4	5	28	29	30
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12	4	5	6
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19	11	12	13
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26	18	19	20
23	24	25	26	27	28	29	27	28	1	2	3	4	5	27	28	29	30	31	1	2	25	26	27
30	31	1	2	3	4	5	6	7	8	9	10	11	12	3	4	5	6	7	8	9	2	3	4

2010 . 5							2010 . 6							2010 . 7									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu
25	26	27	28	29	30	1	30	31	1	2	3	4	5	27	28	29	30	1	2	3	1	2	3
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10

- In “Time” section, setup when (Mon ~ Holiday) and what time (start time ~ stop time) to start scheduler.
- Cycle On means to active this tag for a period of time (unit: minute)
- Cycle Off means to inactive this tag for a period of time (unit: minute)
- “0” in both Cycle On and Cycle Off means inactive this action.
- Cycle On = 1; Cycle Off = 1; This means to active for one minute, then inactive for one minute.
- Last, click “Save and Download to SCADA Node”



Advantech WebAccess Project Manager

Project/Node: Training

20091215

Port1 (tcpip)

modbusTCP

DIO

Calc Point

calculate

Const Point

A0

A1

Device Driver

A101

ABPLC5

ABSLC5

AceFAM3

ADAM4K

ADAM5K

ADAM5KE

ADAM6K

ADMIO

AdvDAQ

AE6000

AXLNFBM

Holiday Time Equipment Circuit Group

Time Group Save Save and Download to SCADA Node

Group List 0000 : group1 Sort By Group Number

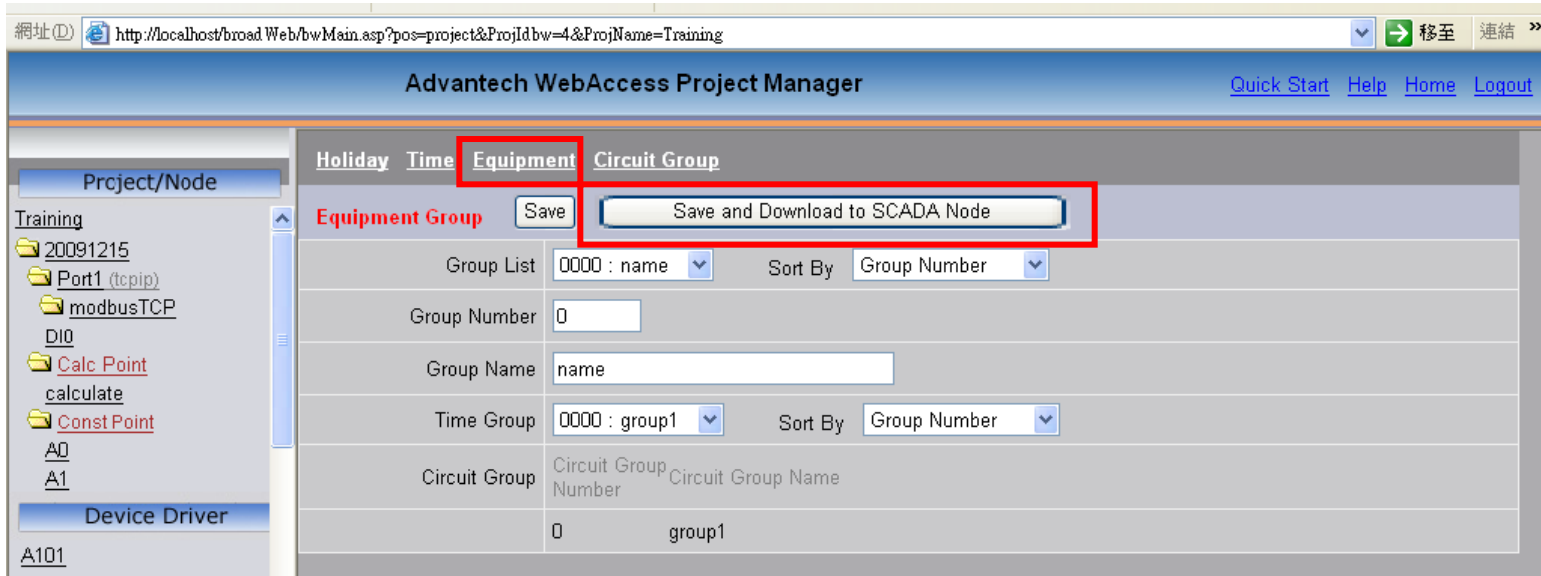
Group Number 0

Group Name group1

Holiday Group 00 : holiday1 Sort By Group Number

Time Period	Normal Hours				Extra Hours I				Extra Hours II				Default	
	Day	Start	Stop	Cycle On	Cycle Off	Start	Stop	Cycle On	Cycle Off	Start	Stop	Cycle On		Cycle Off
Monday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Tuesday		06:00	18:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Wednesday		08:00	24:00	1	1	00:00	00:00	0	0	00:00	00:00	0	0	0
Thursday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Friday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Saturday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Sunday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0
Holiday		08:00	17:00	0	0	00:00	00:00	0	0	00:00	00:00	0	0	0

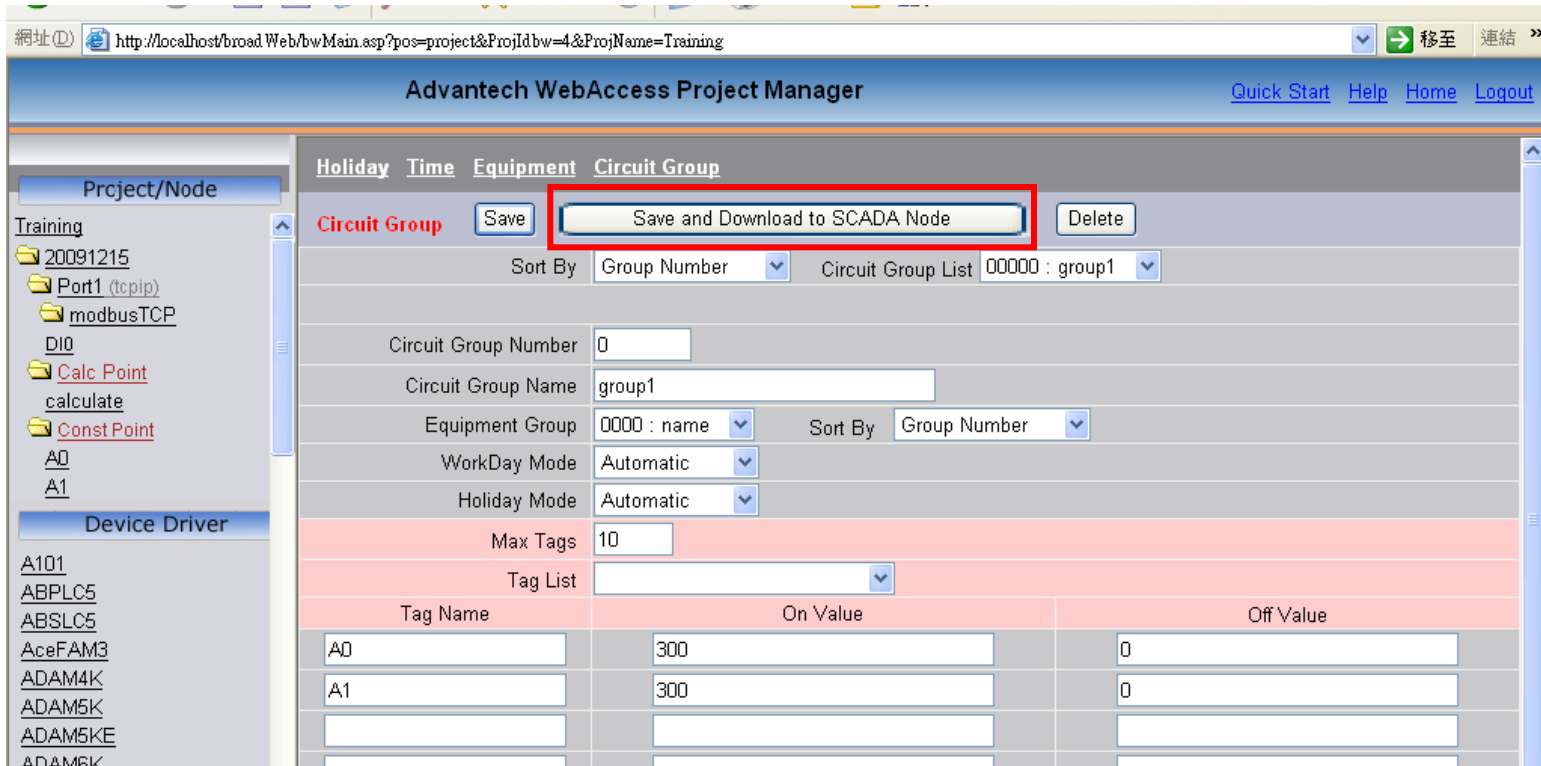
- In Equipment section, simply click “Save and Download to SCADA Node”



The screenshot shows the Advantech WebAccess Project Manager interface. The browser address bar displays the URL: `http://localhost/broad Web/bwMain.asp?pos=project&ProjId=bw=4&ProjName=Training`. The page title is "Advantech WebAccess Project Manager". The left sidebar shows a tree view with "Training" selected, containing folders like "20091215", "Port1 (tcpip)", "modbusTCP", "DI0", "Calc Point", "calculate", "Const Point", and "A0", "A1". The main content area has tabs for "Holiday", "Time", "Equipment", and "Circuit Group". The "Equipment" tab is active, showing an "Equipment Group" section with a "Save" button and a "Save and Download to SCADA Node" button. Below this, there are input fields for "Group List", "Group Number", "Group Name", "Time Group", and "Circuit Group".

Holiday	Time	Equipment	Circuit Group
Equipment Group			
		Save	Save and Download to SCADA Node
Group List	0000 : name	Sort By	Group Number
Group Number	0		
Group Name	name		
Time Group	0000 : group1	Sort By	Group Number
Circuit Group	Circuit Group Number	Circuit Group Name	
	0	group1	

- In “Circuit Group”, setup Tag Name, On Value and Off Value.
- In this example, it means on every Wednesday 8:00 to 24:00, A0 will be at On Value (300) for one minute, then switch to Off Value (0) for next one minute. This action will continue from 8:00 to 24:00.
- Last, click “Save and Download to SCADA Node”



網址 http://localhost/broad Web/bwMain.asp?pos=project&ProjIdbw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Project/Node

Training

- 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K

Holiday Time Equipment Circuit Group

Circuit Group

Sort By Circuit Group List

Circuit Group Number

Circuit Group Name

Equipment Group Sort By

WorkDay Mode

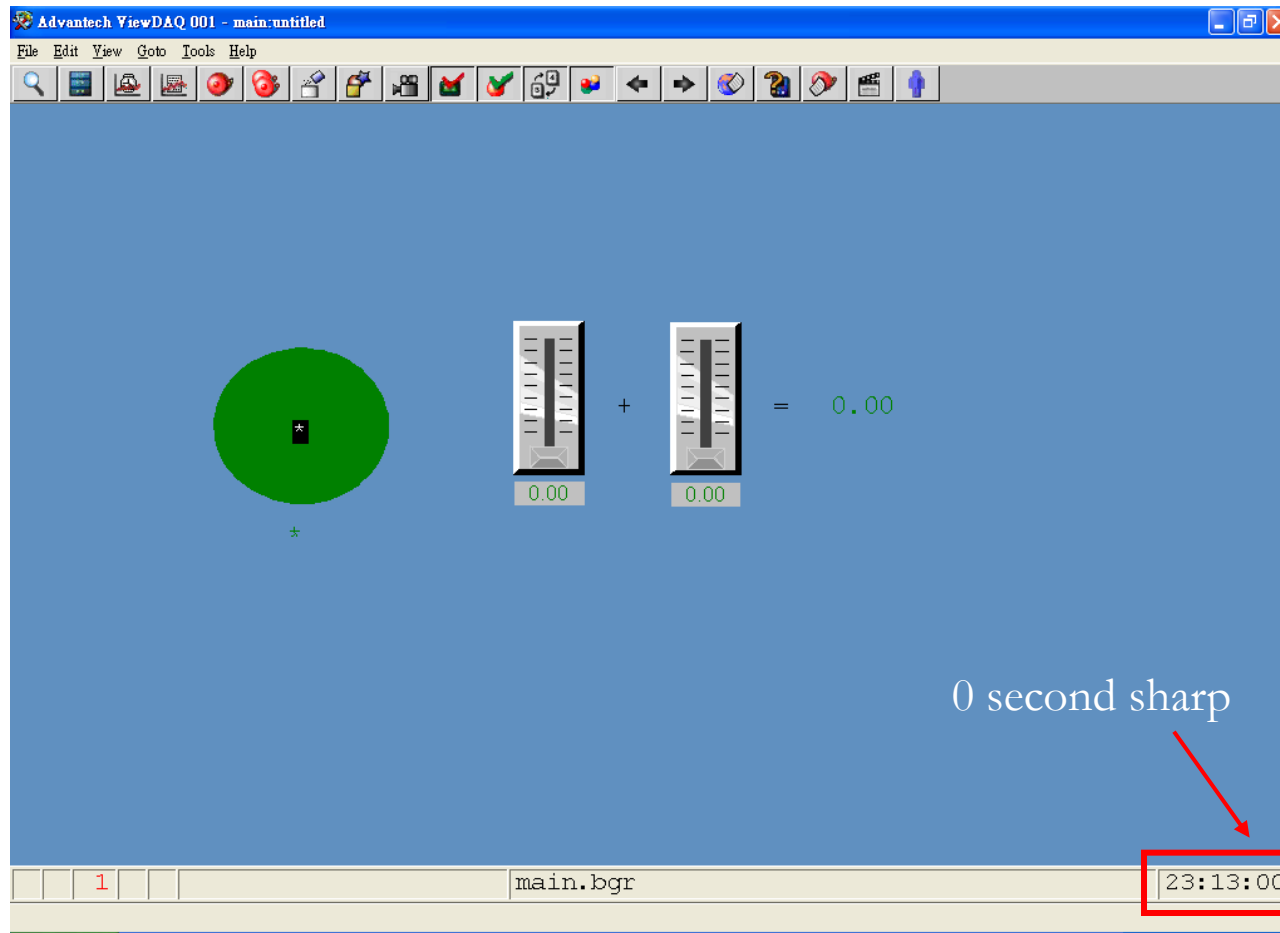
Holiday Mode

Max Tags

Tag List

Tag Name	On Value	Off Value
A0	300	0
A1	300	0

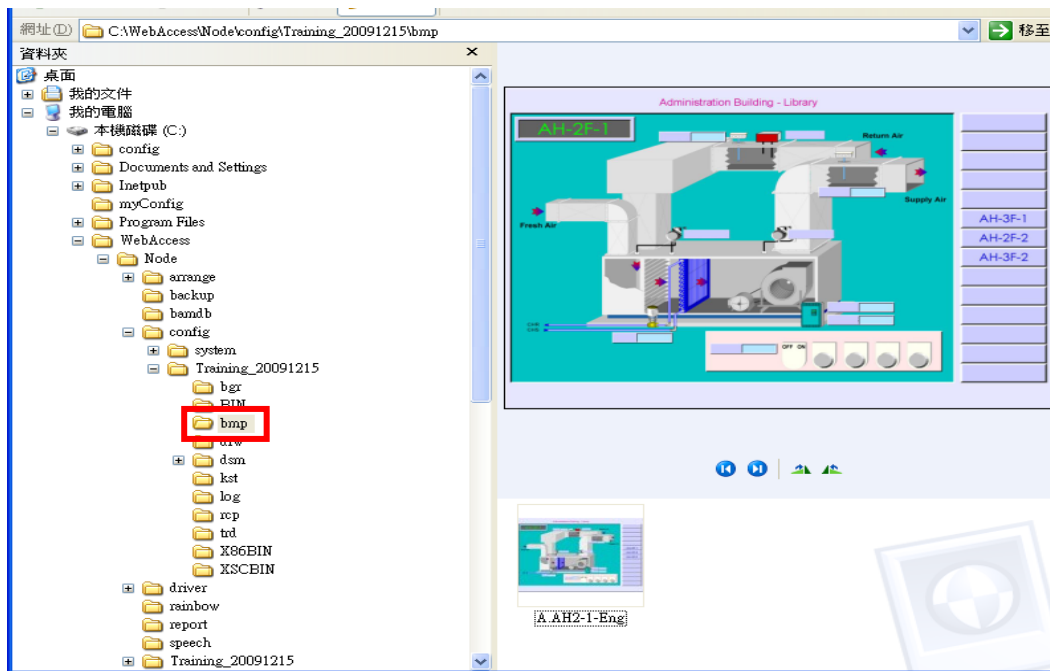
- In ViewDAQ, user will see the A0 and A1 values change in every 0 second sharp.





Background

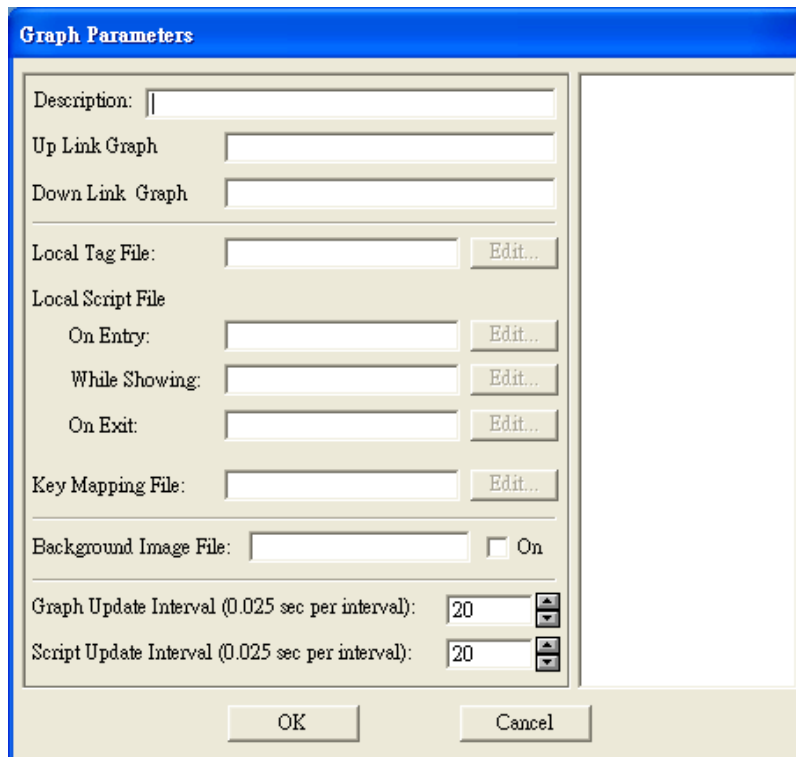
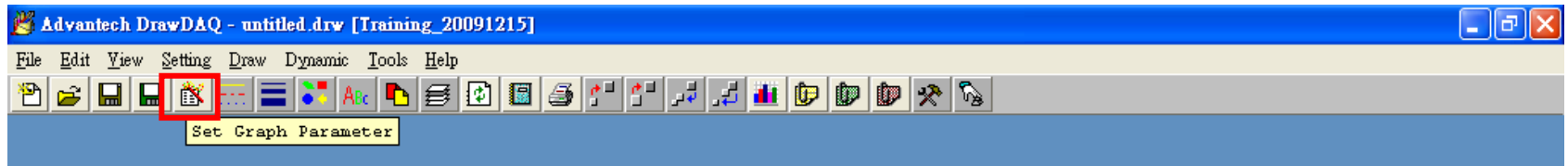
- All background images must **MANUALLY** copy to
c:\WebAccess\Node\config\Training_20091215\bmp
- Copy a jpg or bmp file to c:\WebAccess\Node\config\Training_20091215\bmp
In this exercise, we use A-AH2-1Eng.jpg as an example
User may also use another image as the background



- Let's create a new page.
- The purpose of creating a new page is that we will create two buttons to switch between main and second pages in next hands-on exercise.

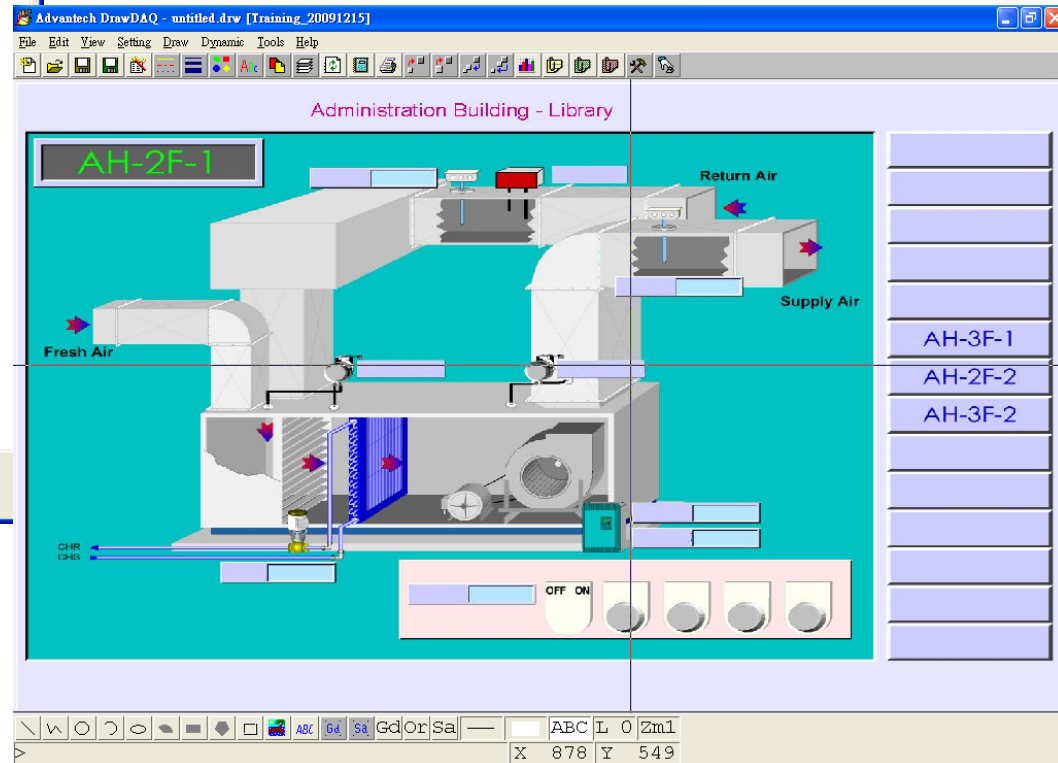
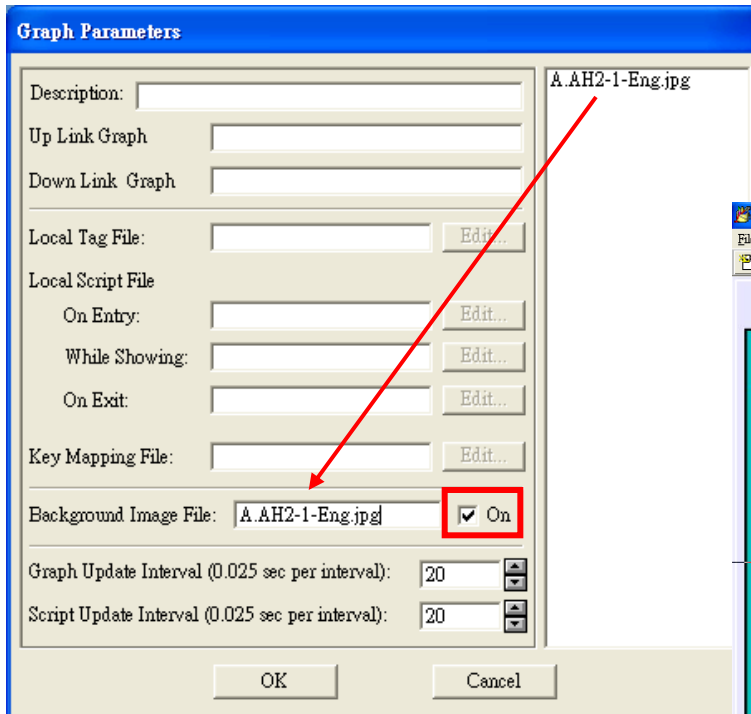


- In DrawDAQ, click “Set Graph Parameter” button.
- A “Graph Parameters” dialog box will pop out.

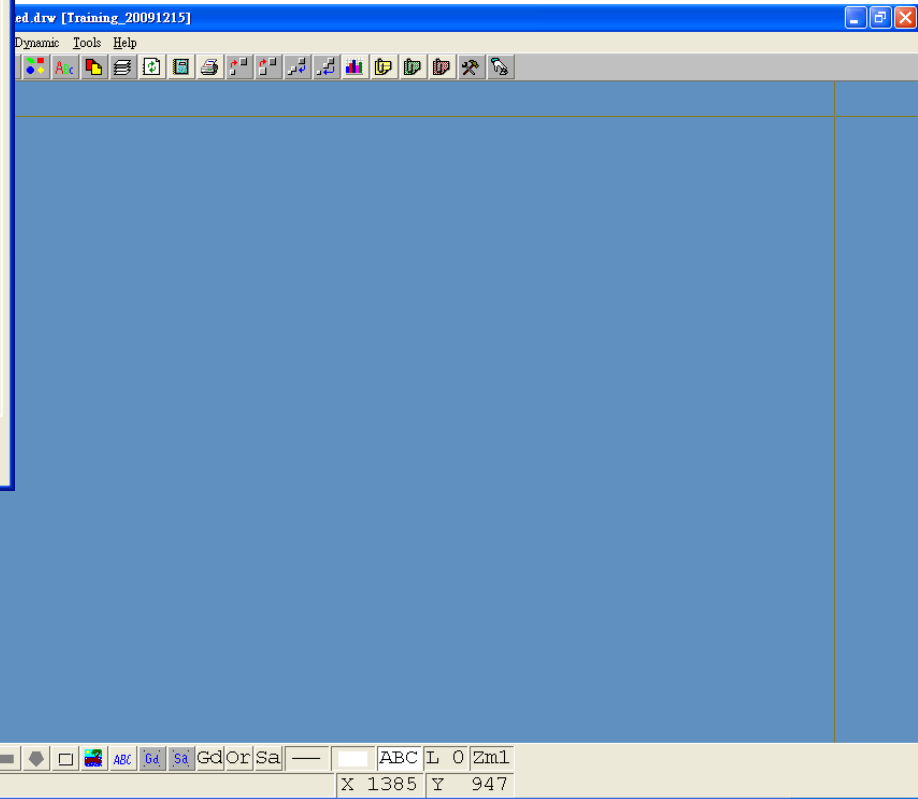
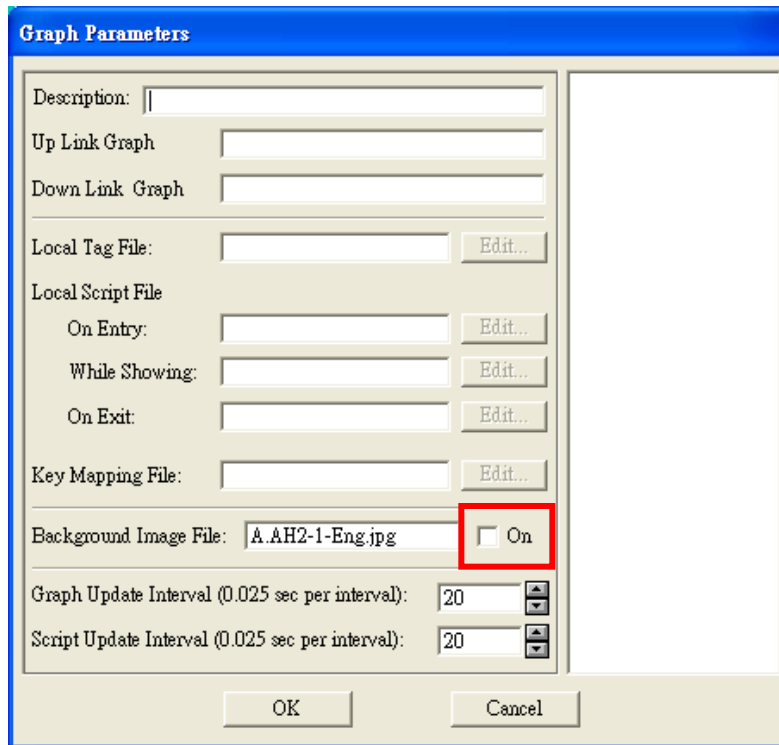


Background

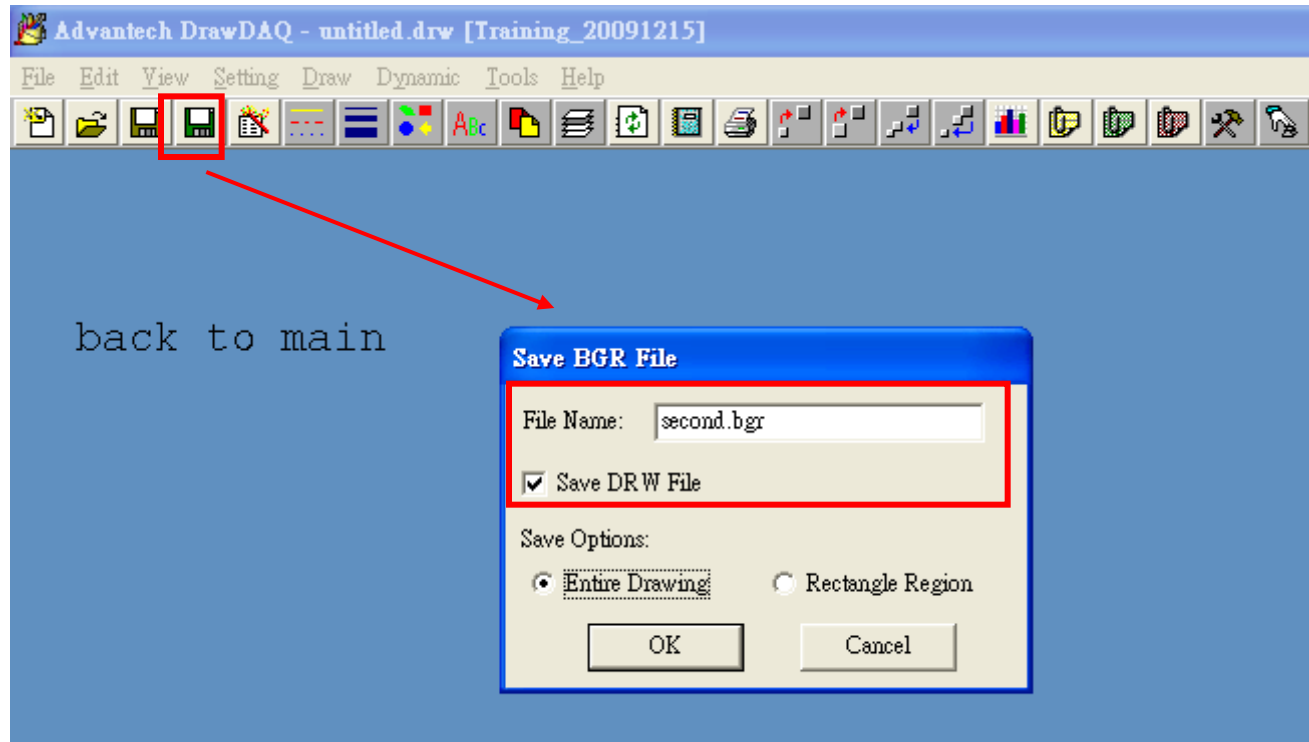
- Click “Background Image File”, and select A.Ah2-1-Eng.jpg
- Click “On” and user will be able to see the background image.



- click “Set Graph Parameter” button again, this time un-click the “On” button.
- The background image will be hidden.



- Use ABC button  to type “back to main” text, then save as “second.bgr”

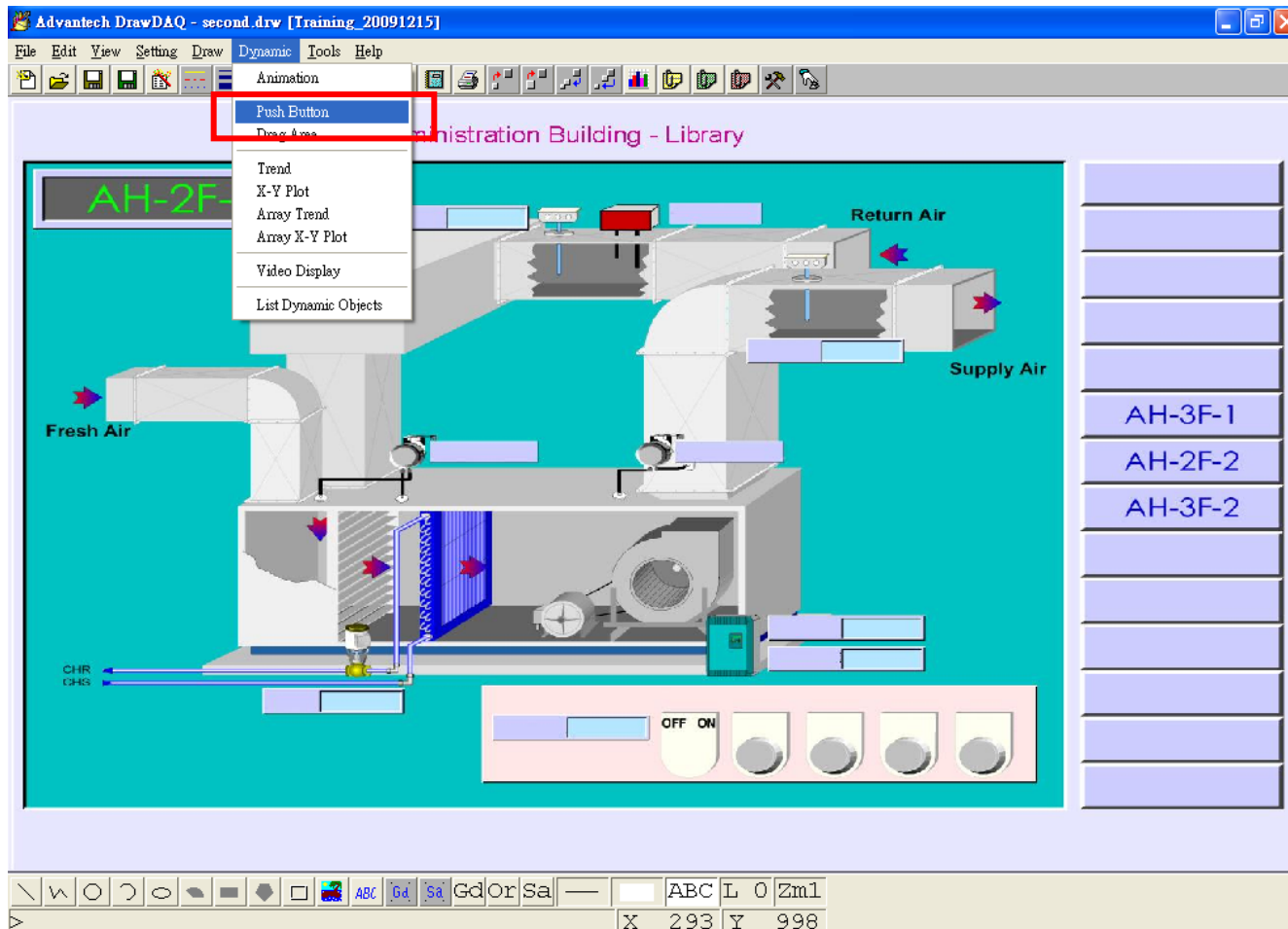




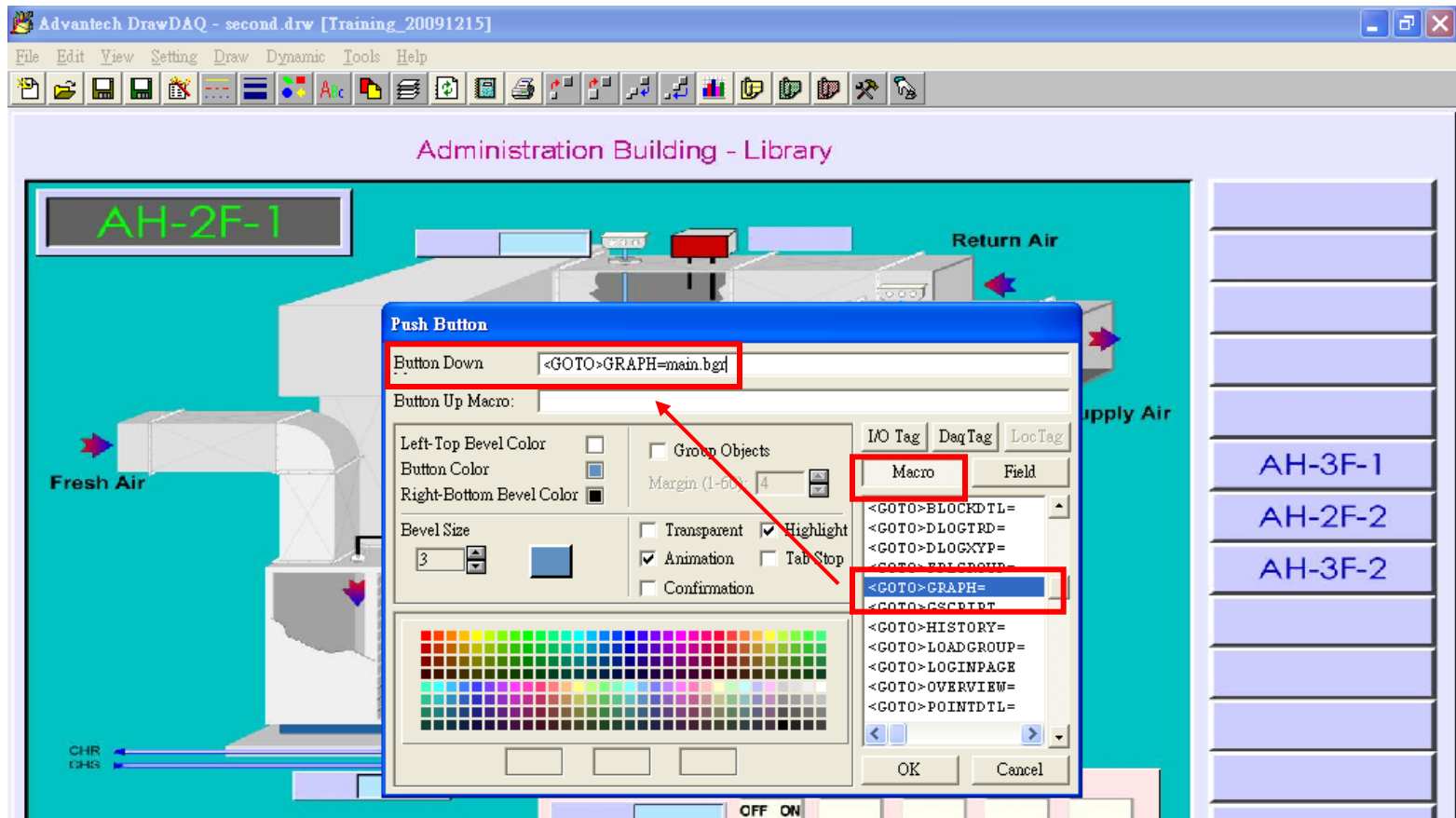
ADVANTECH

Push Button and Macro

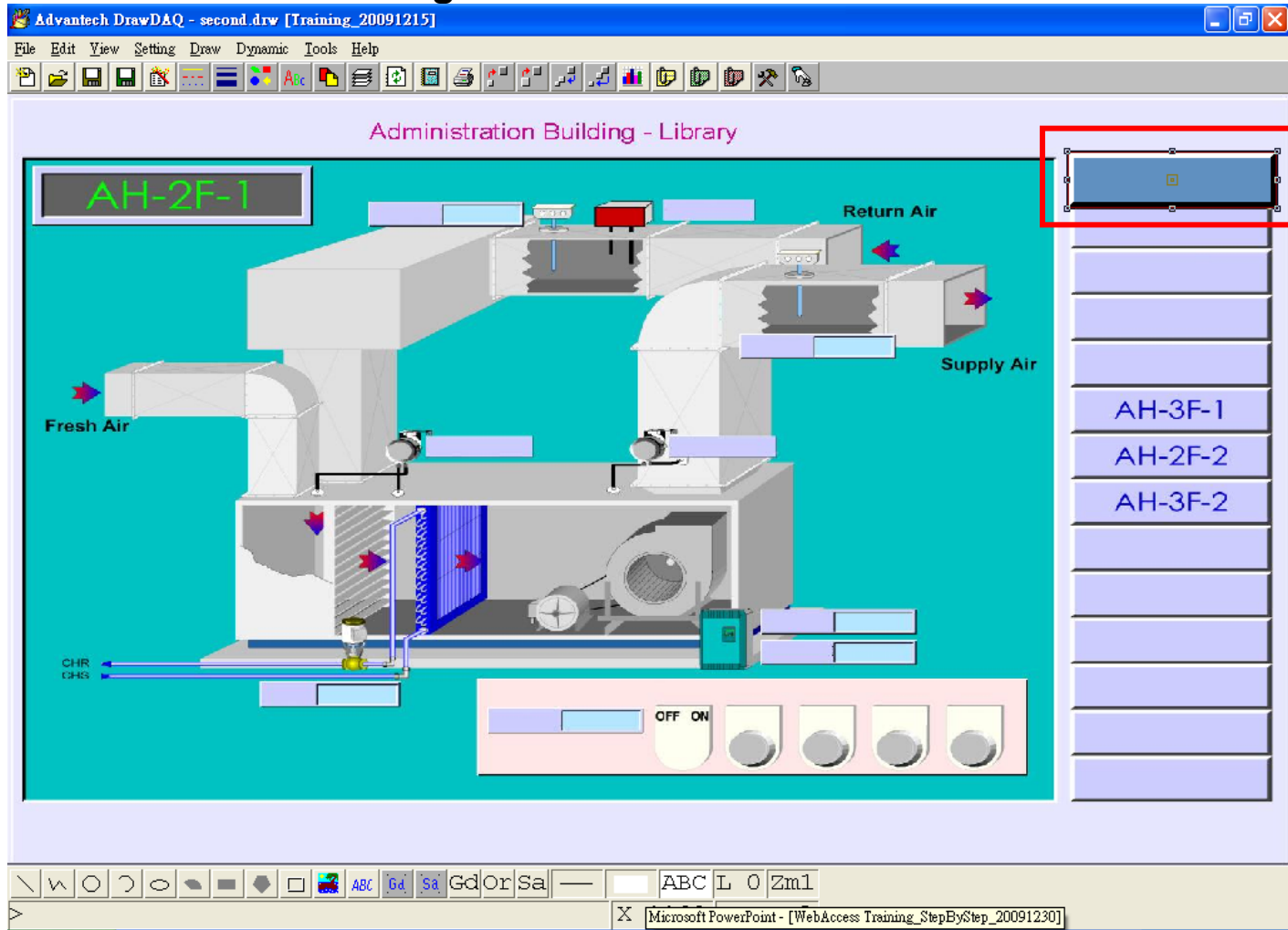
- Use “Open DRW” button  to open second.bgr page
- DrawDAQ -> Dynamic -> Push Button



- A “Push Button” dialog box pop out.
- Find “<GOTO>GRAPH=” in Marco and put it in “Button Down”
- Then type “main.bgr” by yourself, then click “OK” button to complete it.

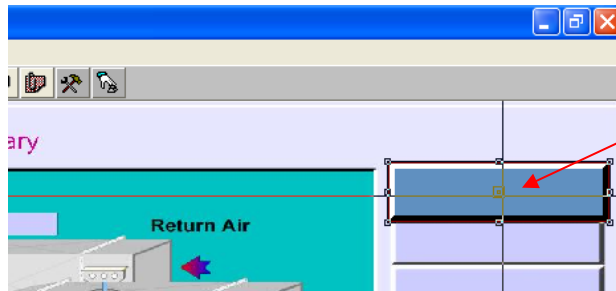


- Then use mouse to drag a button out.

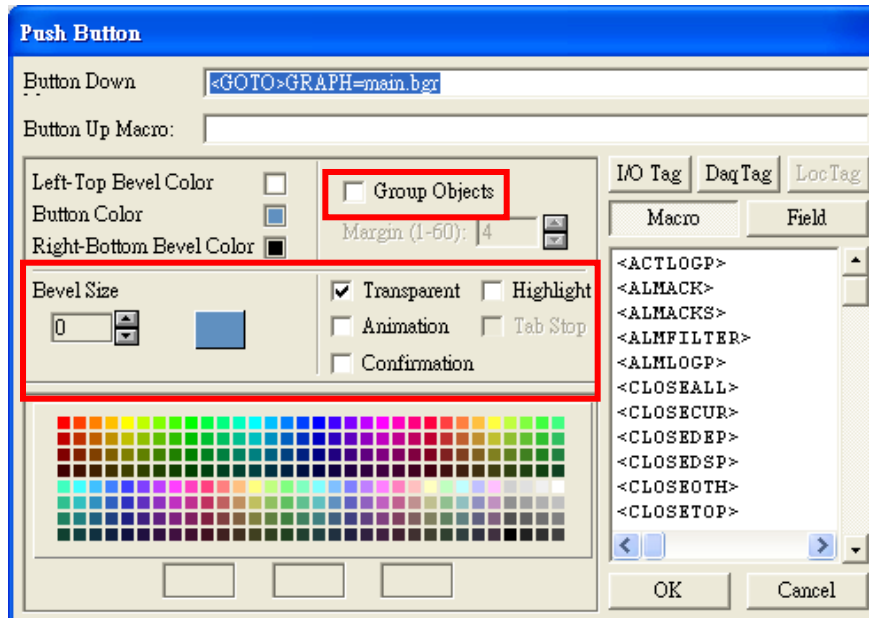


Push Button and Macro

- Move mouse cursor to the center of the button, a hand image will appear, then click it.



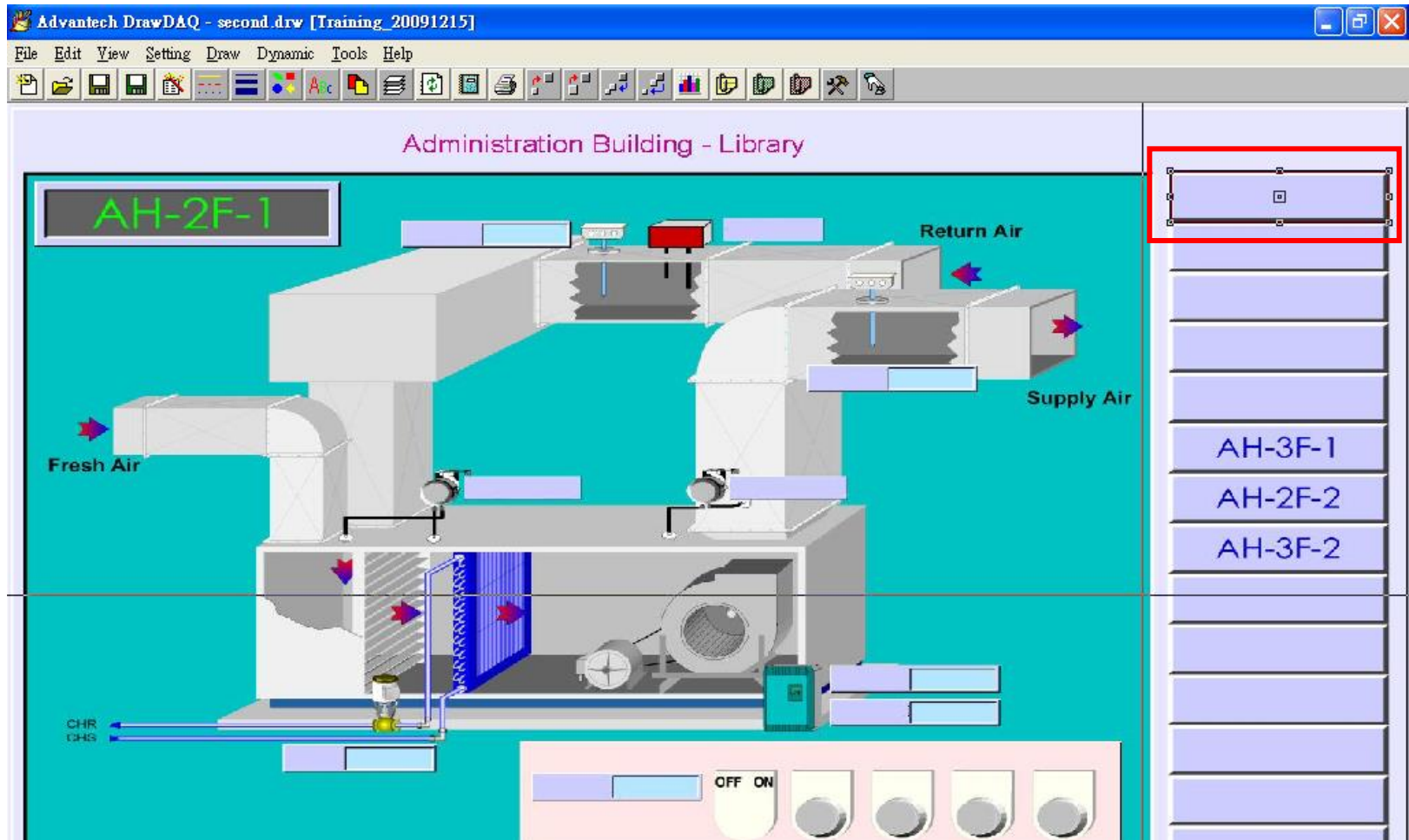
Middle of the button



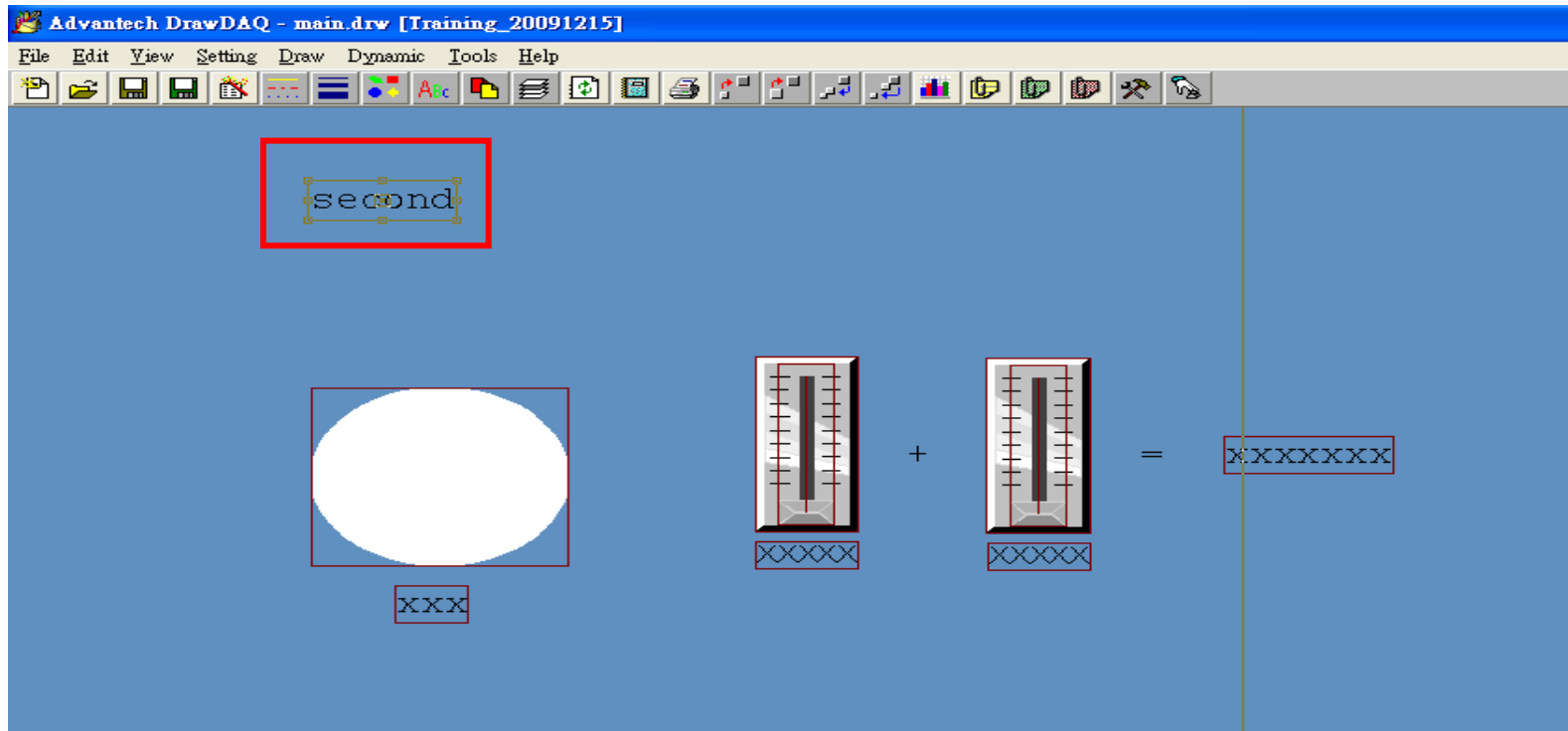
1. Don't click in Group Objects
2. Bevel Size setup to 0
3. Click on Transparent
4. Don't click "Highlight"
5. Don't click "Animation"

Push Button and Macro

- This will be an invisible button. Invisible button will not affect the background image. Remember to save the file.

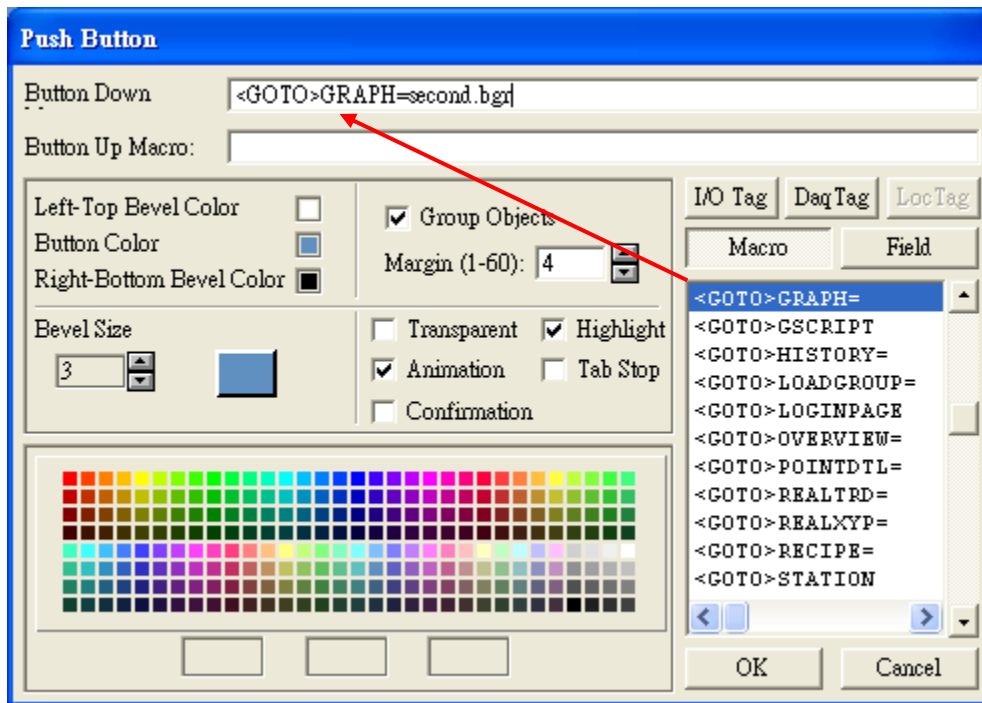


- Open Main.bgr
- Using ABC button  to type “second” string, then click “Enter”. The word “second” will be highlighted.



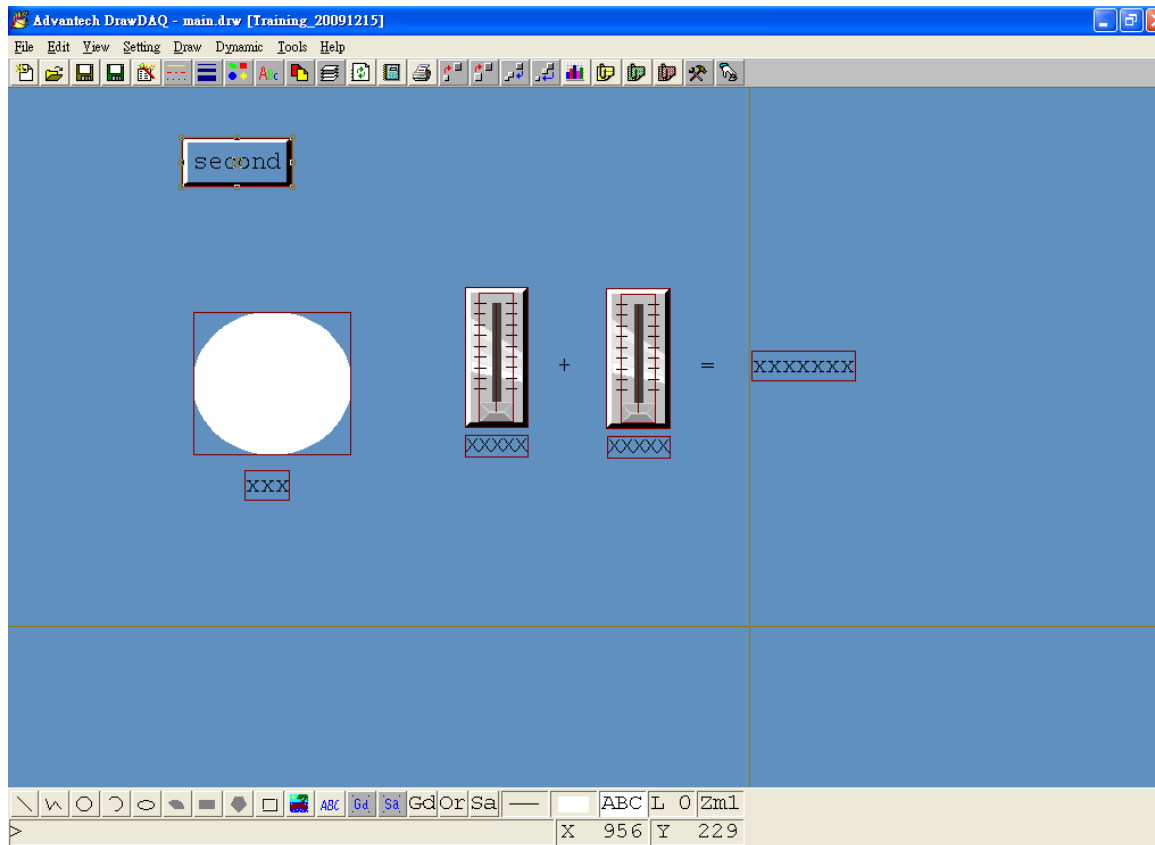
Push Button and Macro

- Dynamic -> Push Button
- In Button Down, enter “<GOTO>GRAPH=second.bgr
- Last, click “OK” button

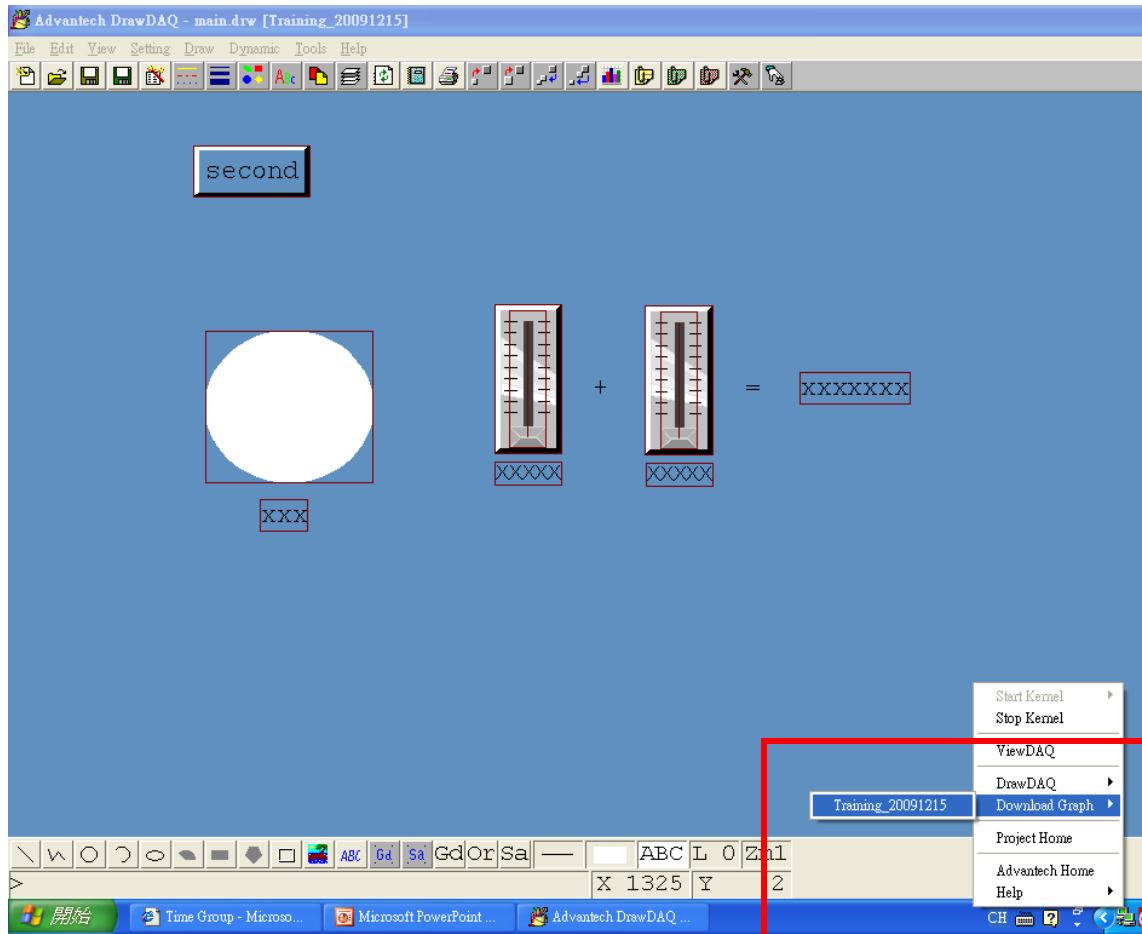


1. Click the Group Objects
2. Set Bevel Size setup to 3
3. Don't click on Transparent
4. Click “Highlight”
5. Click “Animation”

- A button will be created.
- The button size is based on the length of the text.
- Note: remember to save the page.



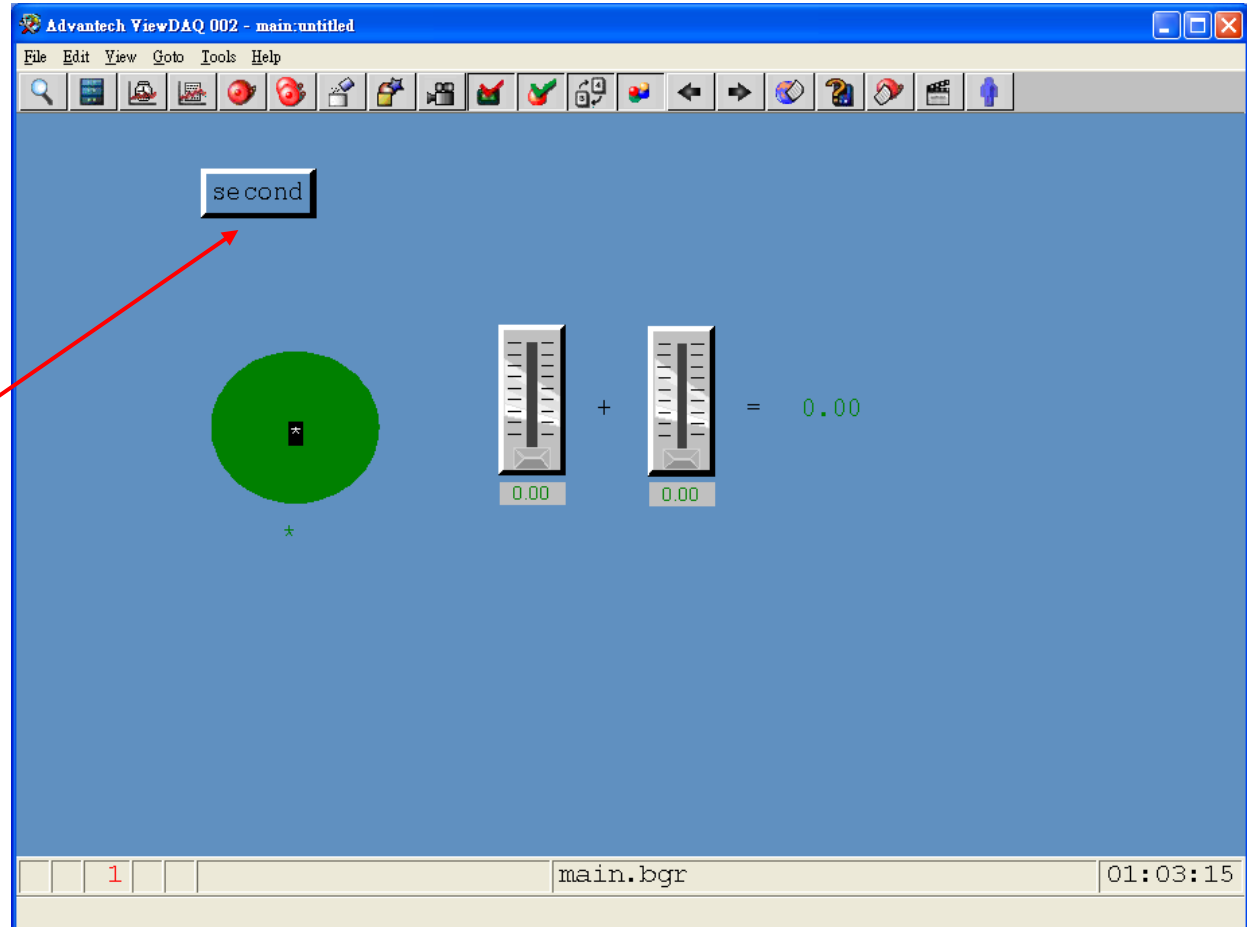
- Download the project
 - Download Graph -> Training_20091215



- Run ViewDAQ

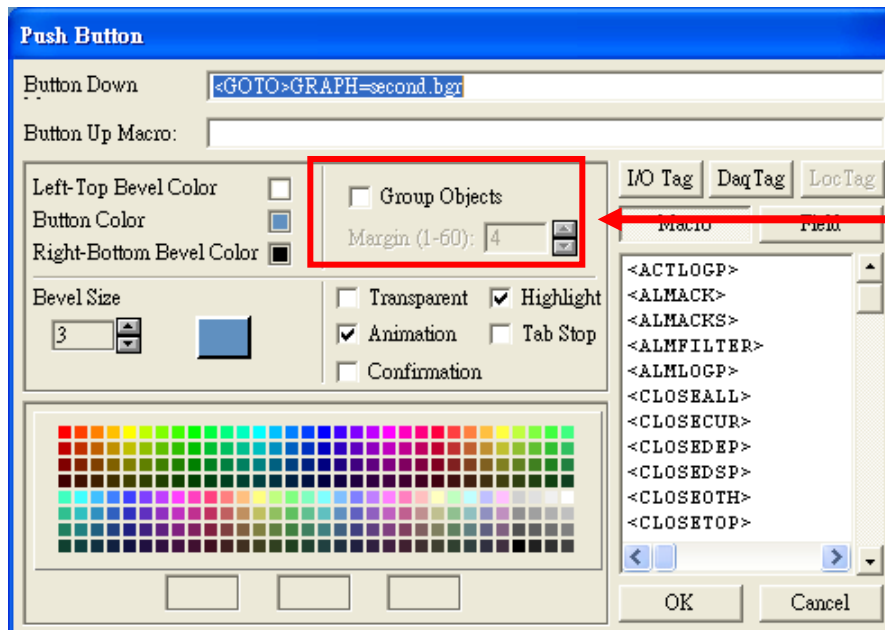
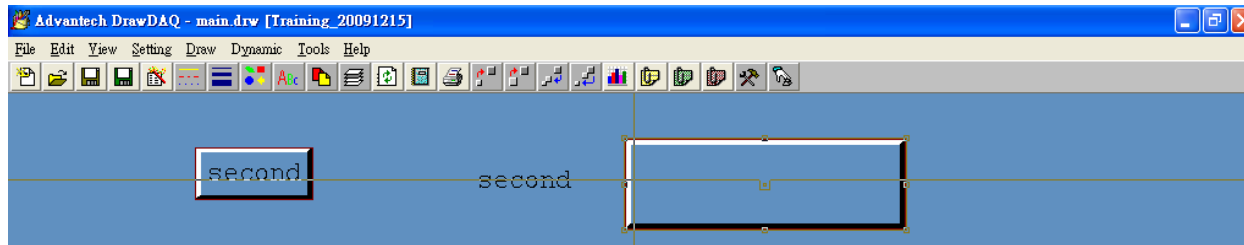


User is able to switch page by clicking the buttons



Push Button and Macro

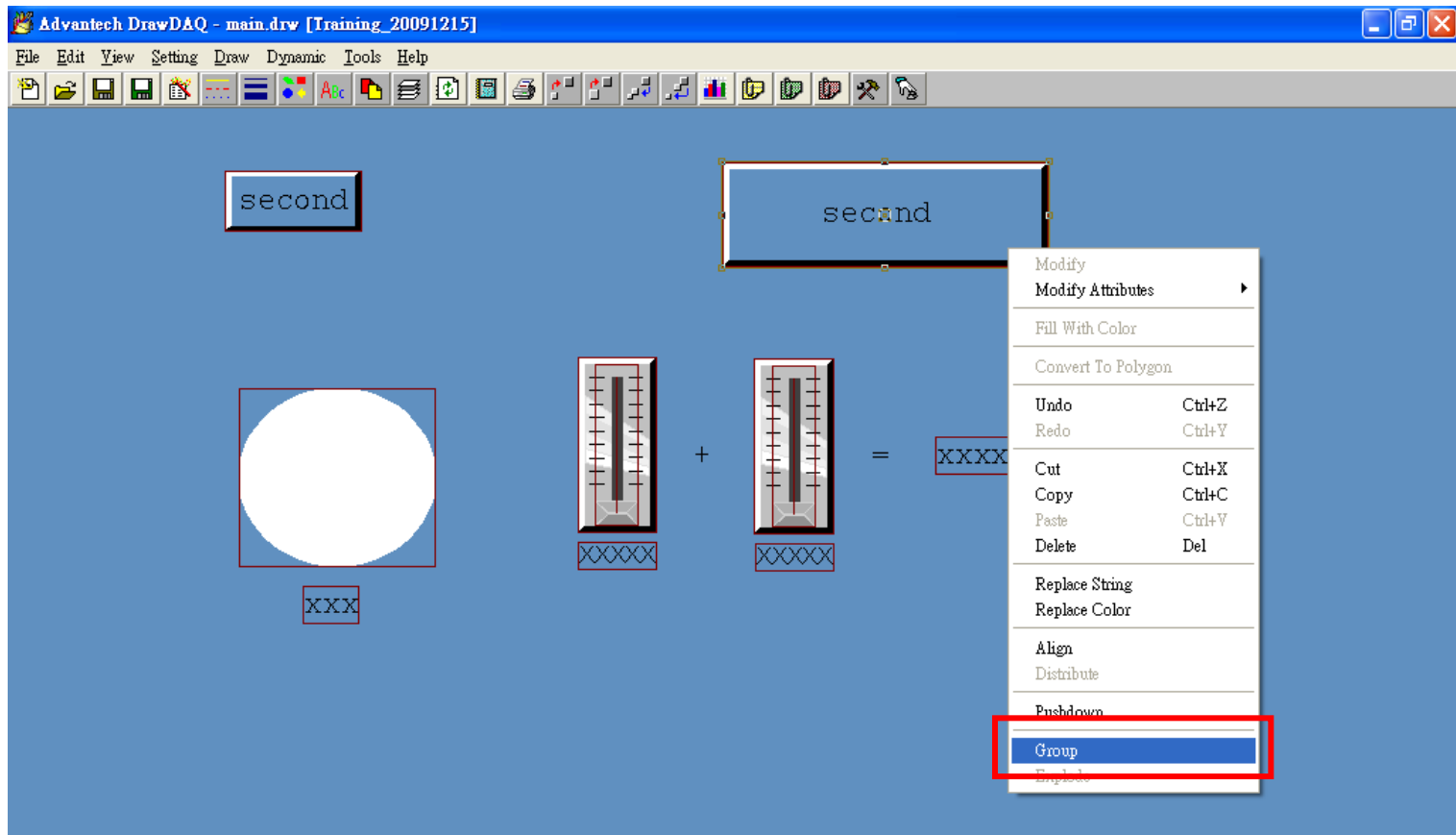
- User may have a button that the button size is larger than the length of text
- Type “second” and draw a button.
- Remember DO NOT click the “Group Objects”



DO NOT click the “Group Objects

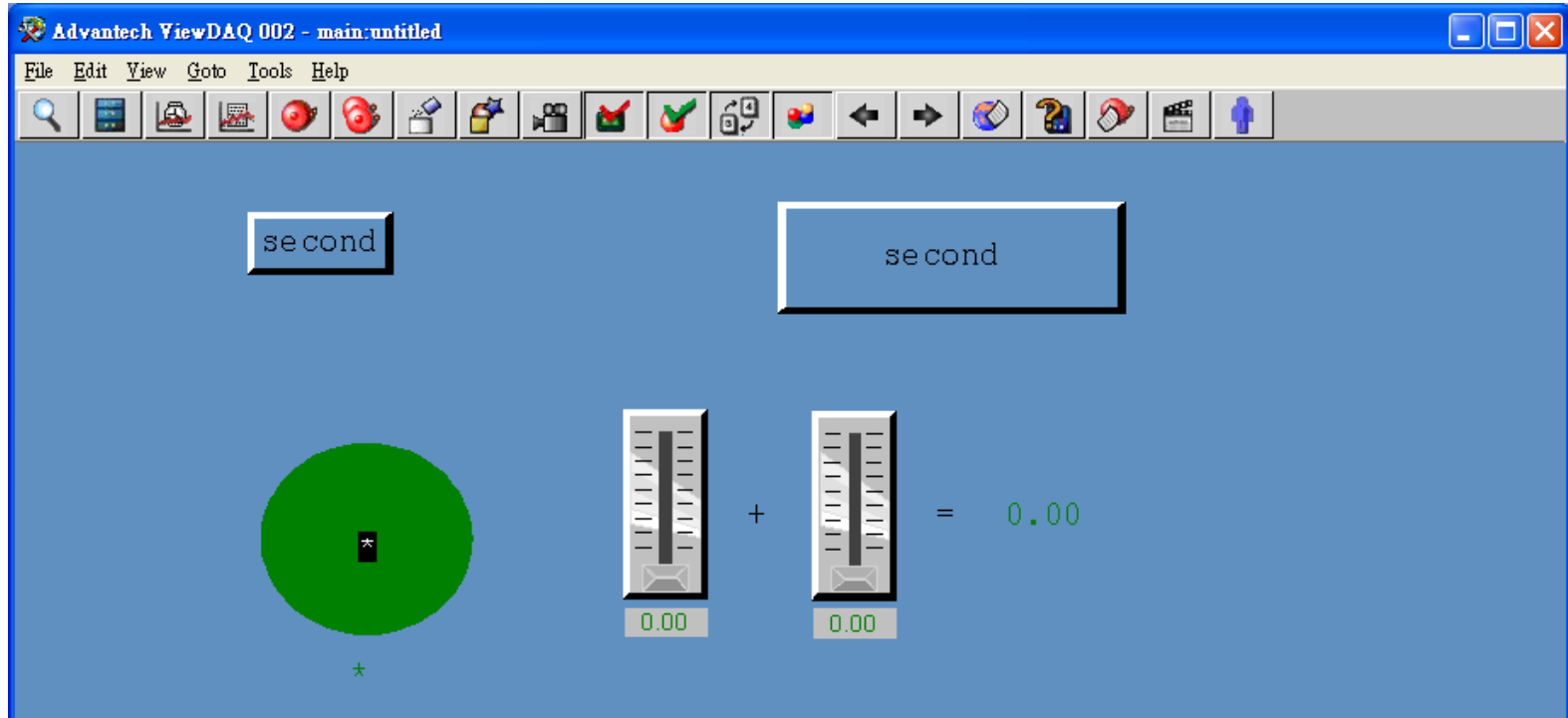
Push Button and Macro

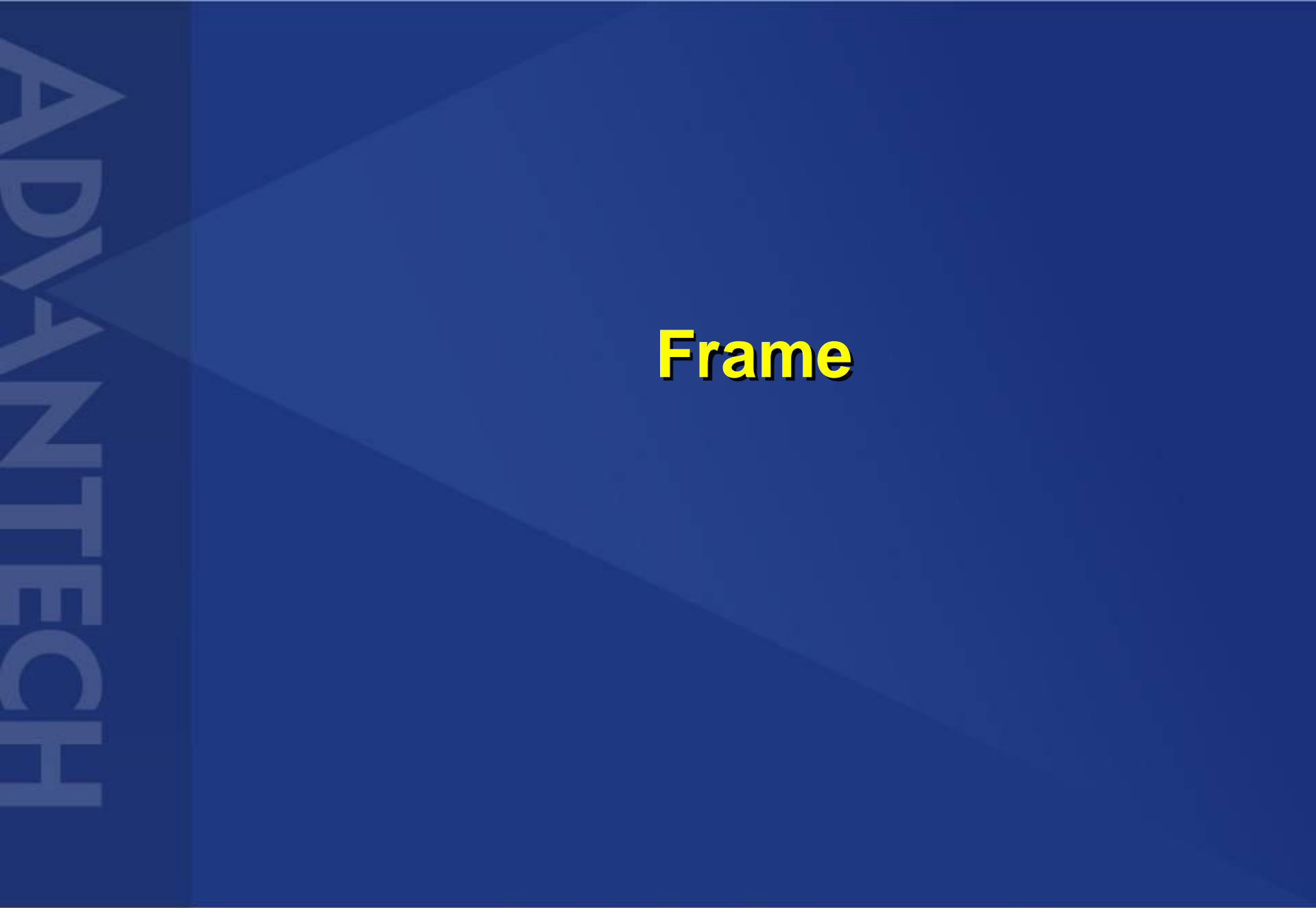
- Move “second” over the button, then highlight both “second” and the button
- Click the right button of the mouse, then click the “Group”



Push Button and Macro

- Save the main page and download the project.
- Two buttons will do the same action.





ADVANTECH

Frame

- Use Constant Point to create a digital tag named “switch”
- Setup “State 0” to display the word “OFF”
- Setup “State 1” to display the word “ON”

網址 http://localhost/broad Web/bwMain.asp?pos=project&ProjId bw=4&ProjName=Training

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Project/Node

- Training
 - 20091215
 - Port1 (tcpip)
 - modbusTCP
 - DIO
 - Calc Point
 - calculate
 - Const Point
 - A0
 - A1
 - switch

Device Driver

- A101
- ABPLC5
- ABSLC5
- AceFAM3
- ADAM4K
- ADAM5K
- ADAM5KE
- ADAM6K
- ADMIQ
- AdvDAQ
- AE6000
- AXLNFMB
- BTrack
- BW-LDS

Update Tag [Cancel] [Submit]

Tag Type Constant (discrete)

Alarm No Alarm

Tag Name switch

Description Description

Scan Type Constant Scan

Log Data ☐ Yes ☒ No

Data Log Dead Band 3 %

Write Action Log ☒ Yes ☐ No

Read Only ☐ Yes ☒ No

Keep Previous Value ☐ Yes ☒ No

Initial Value 0

Security area 0

Security level 0

State 0 OFF

State 1 ON

State 2 NotUsed

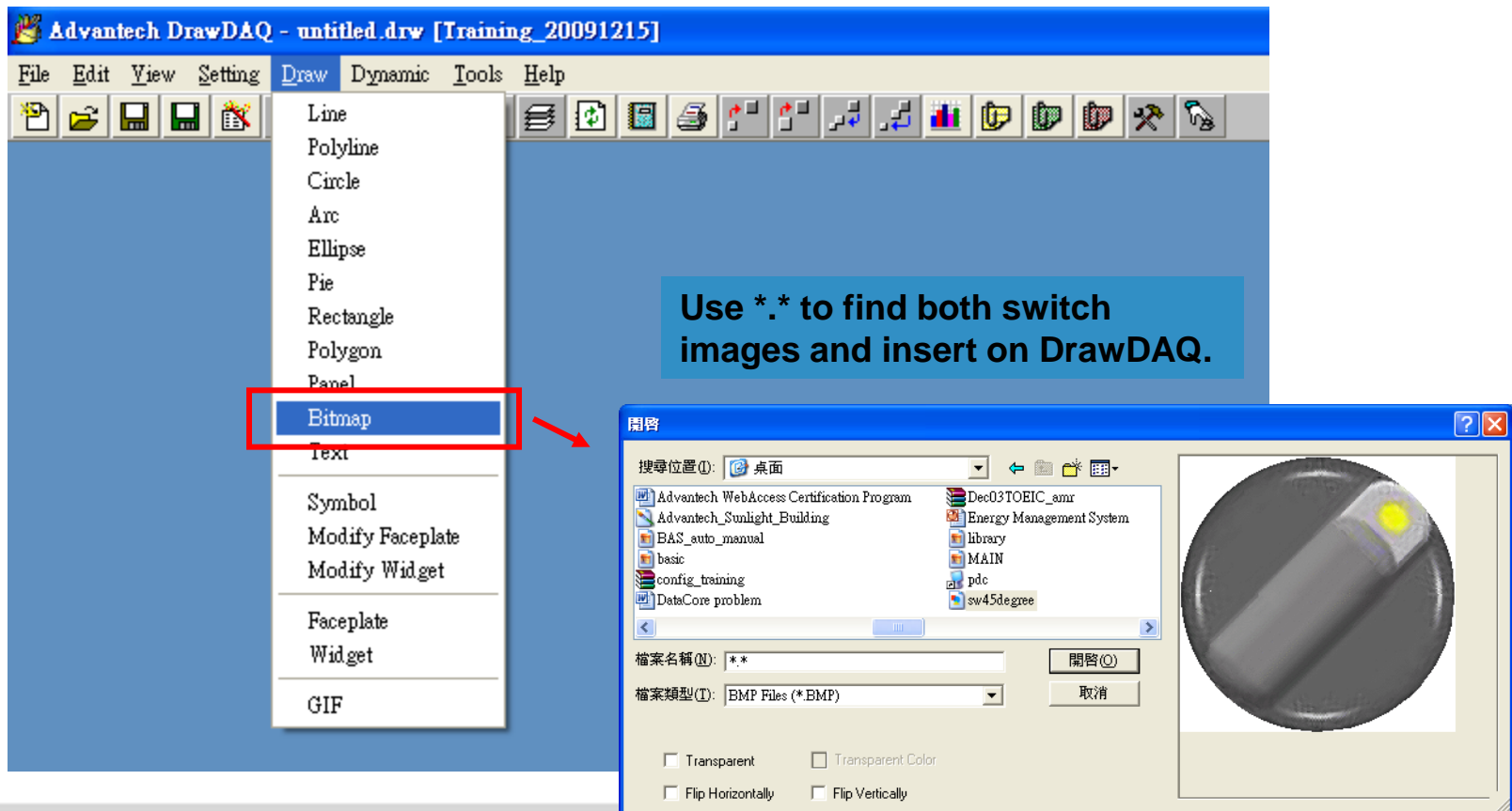
State 3 NotUsed

State 4 NotUsed

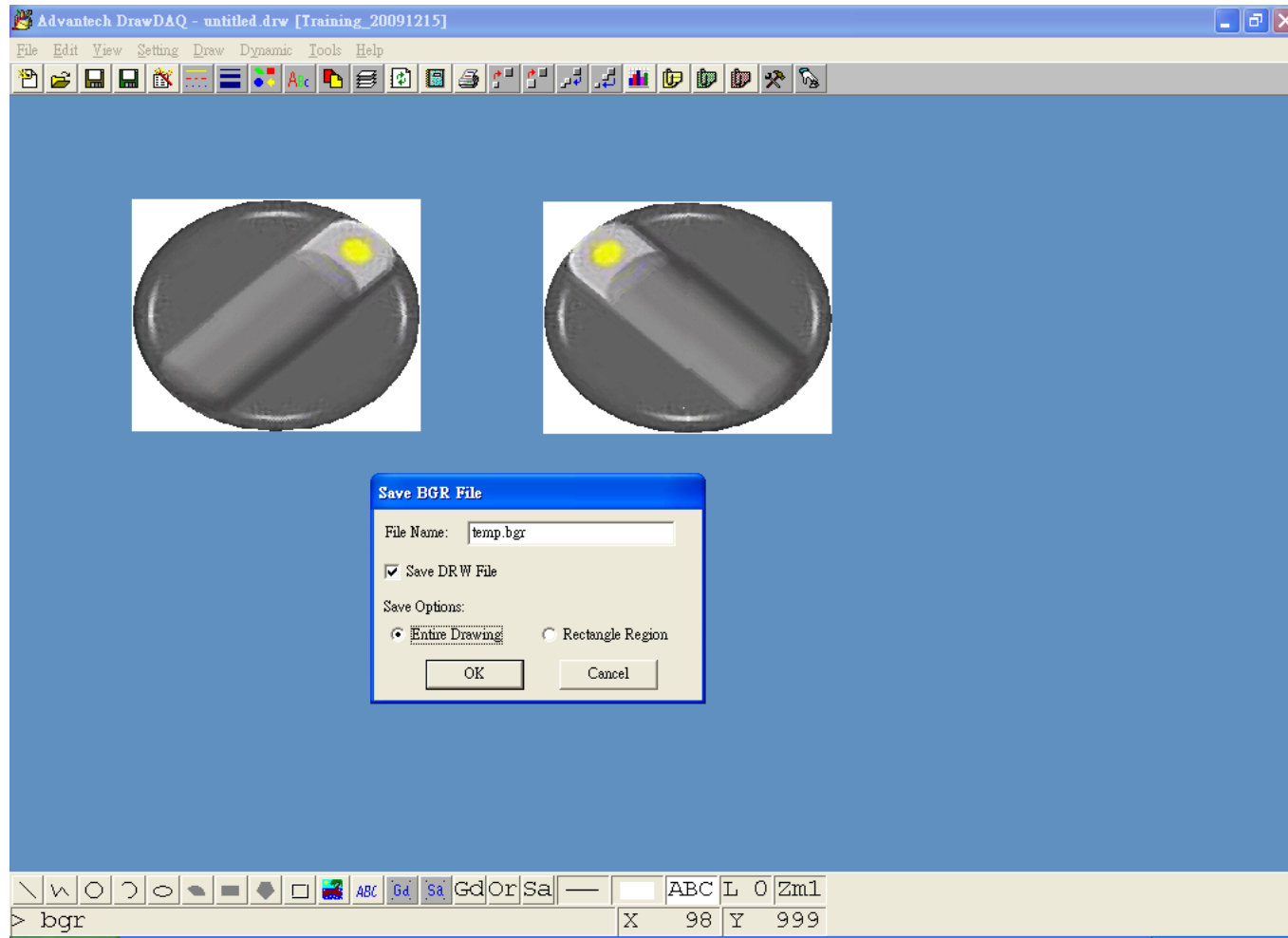
State 5 NotUsed

State 6 NotUsed

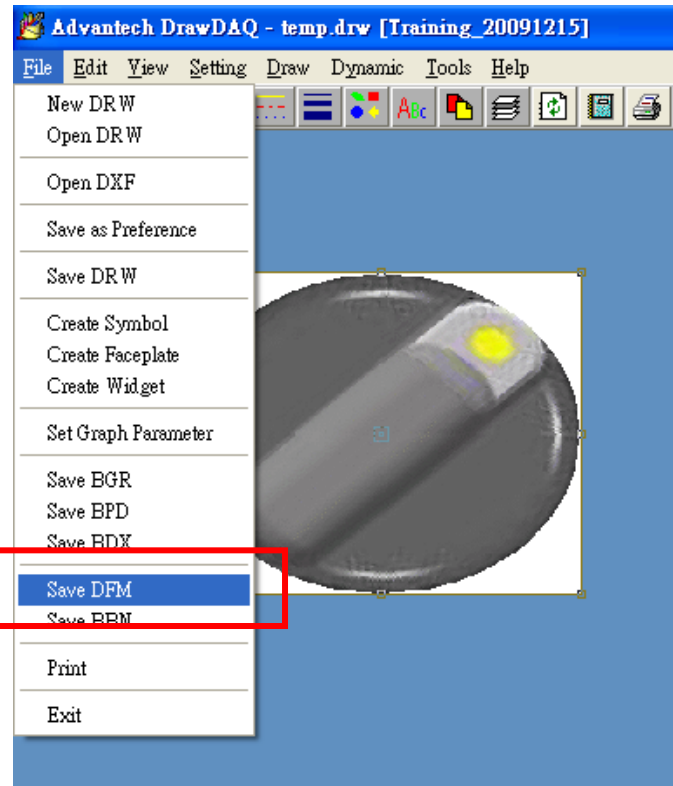
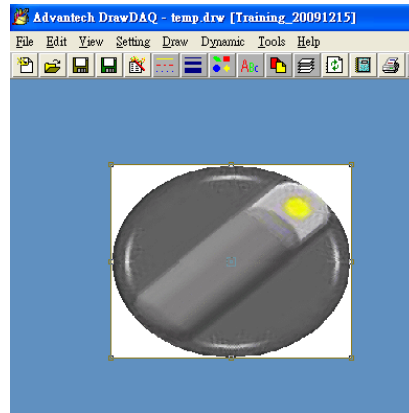
- Go to SCADA Node and click the download.
- Reopen the DrawDAQ page so the “switch” tag will be seen
- In a new page, we have to insert the two switch button images
- Draw -> Bitmap



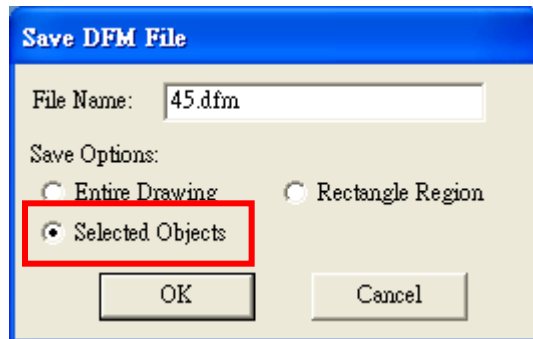
- Display both images on the DrawDAQ, then save this page as temp.bgr



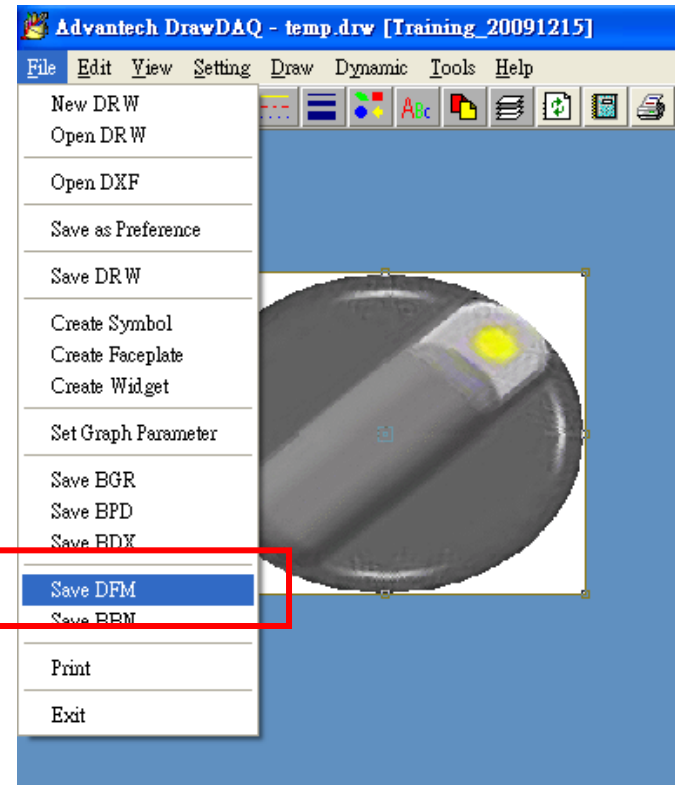
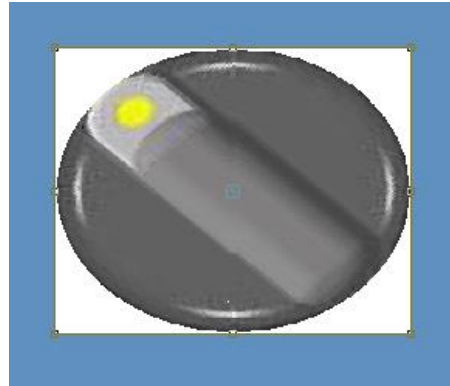
- Highlight the 45 degree switch image
- File -> Save DFM



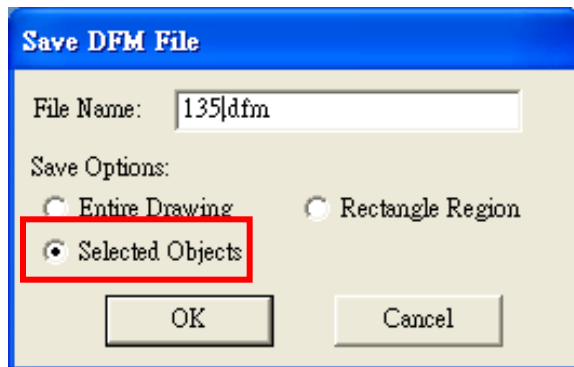
- Save File name as 45.dfm
- Select “Selected Objects”



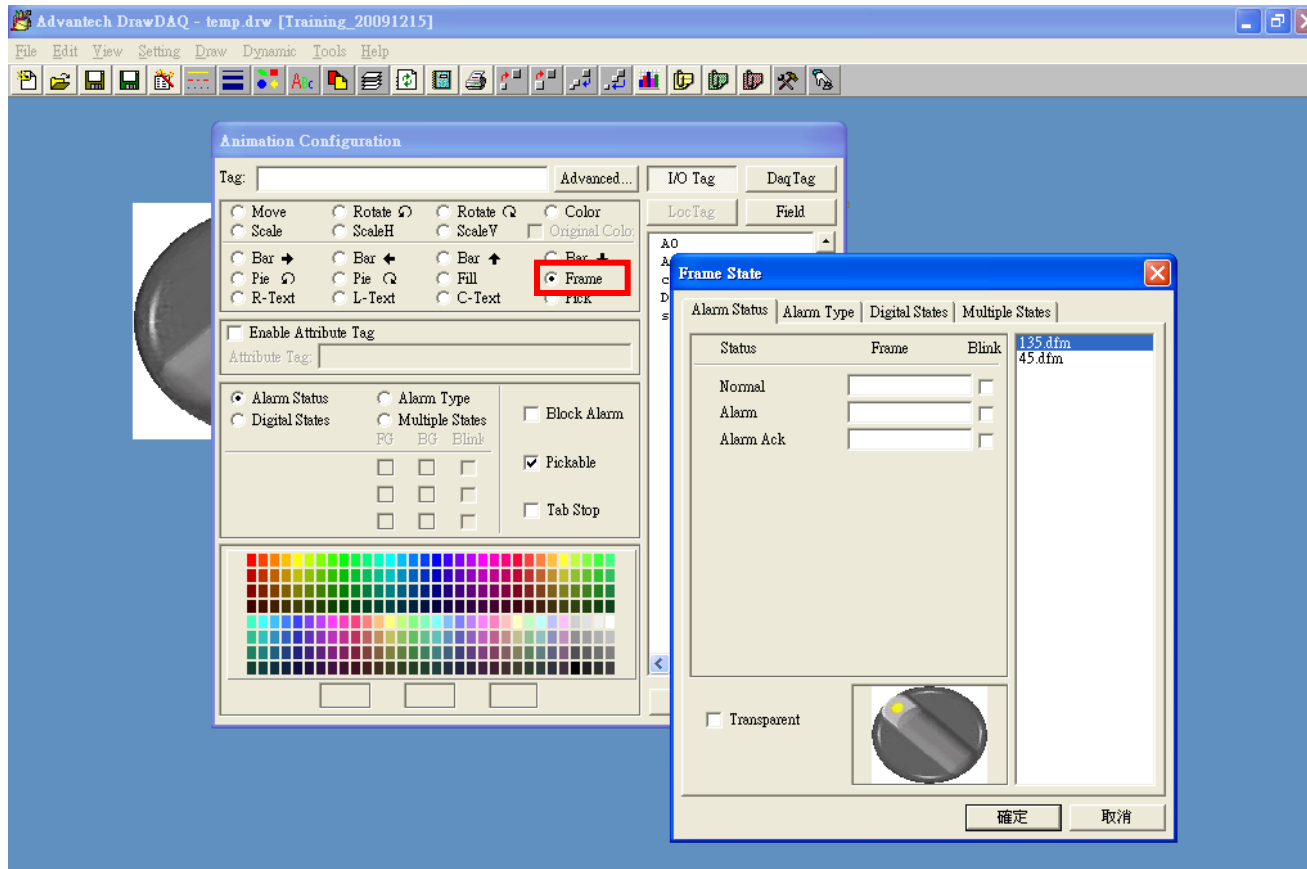
- Highlight the 135 degree switch image
- File -> Save DFM



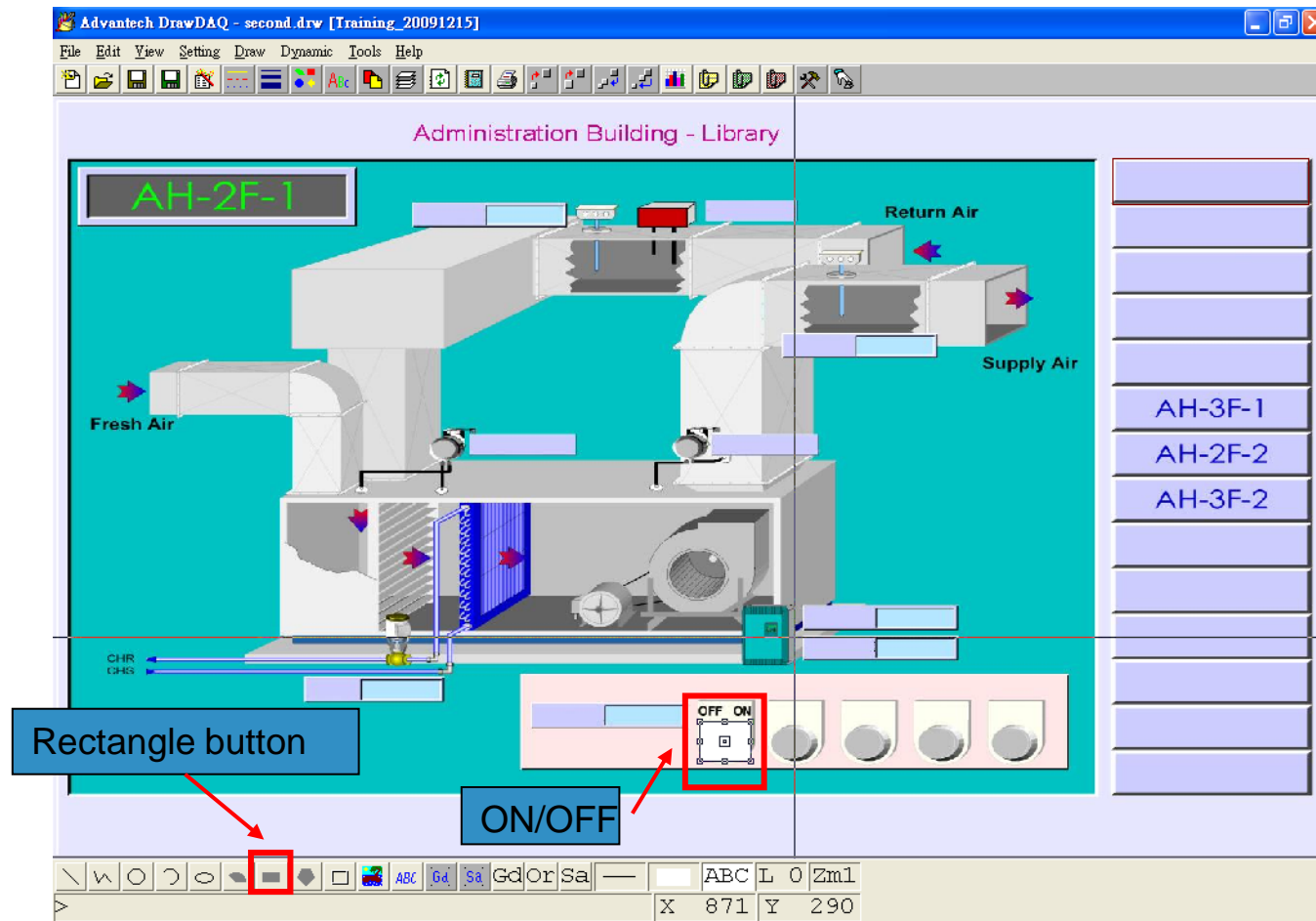
- Save File name as 135.dfm
- Select “Selected Objects”



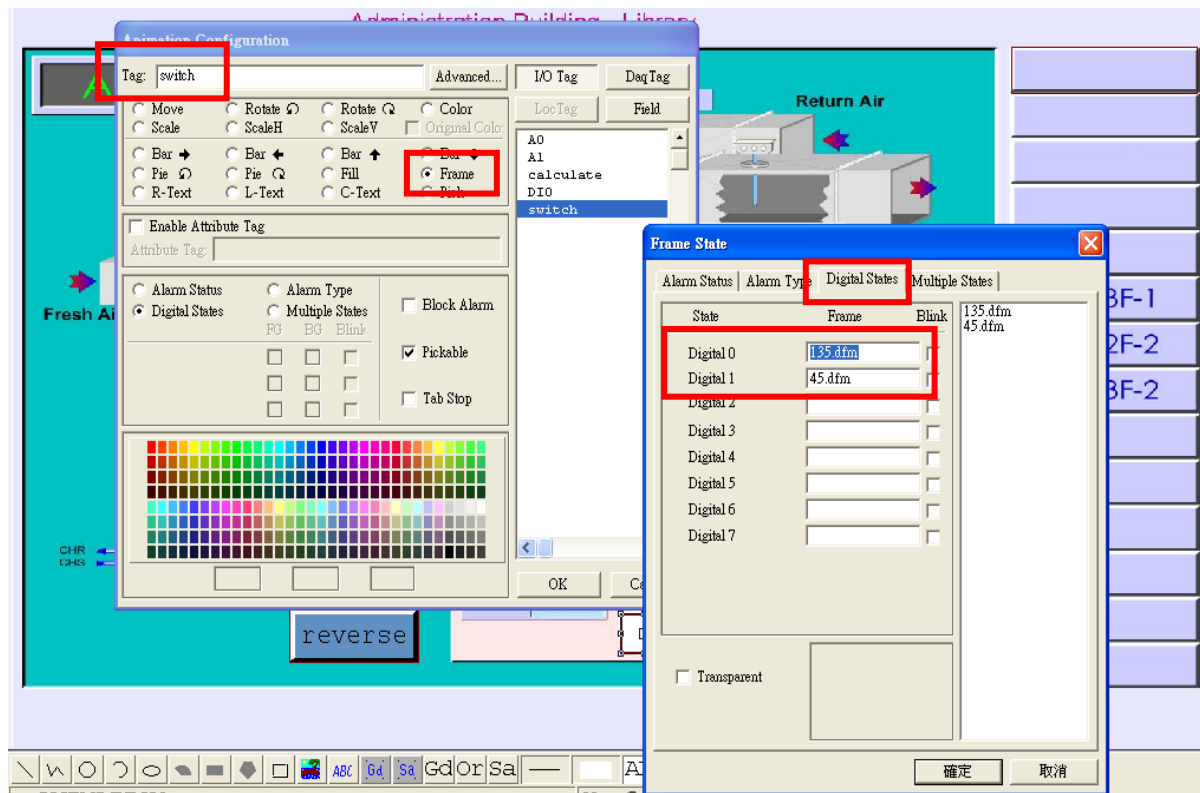
- Dynamic -> Animation
- Click “Frame” and a Frame State” dialog box pop out
- User should be able to see both 45.dfm and 135.drm



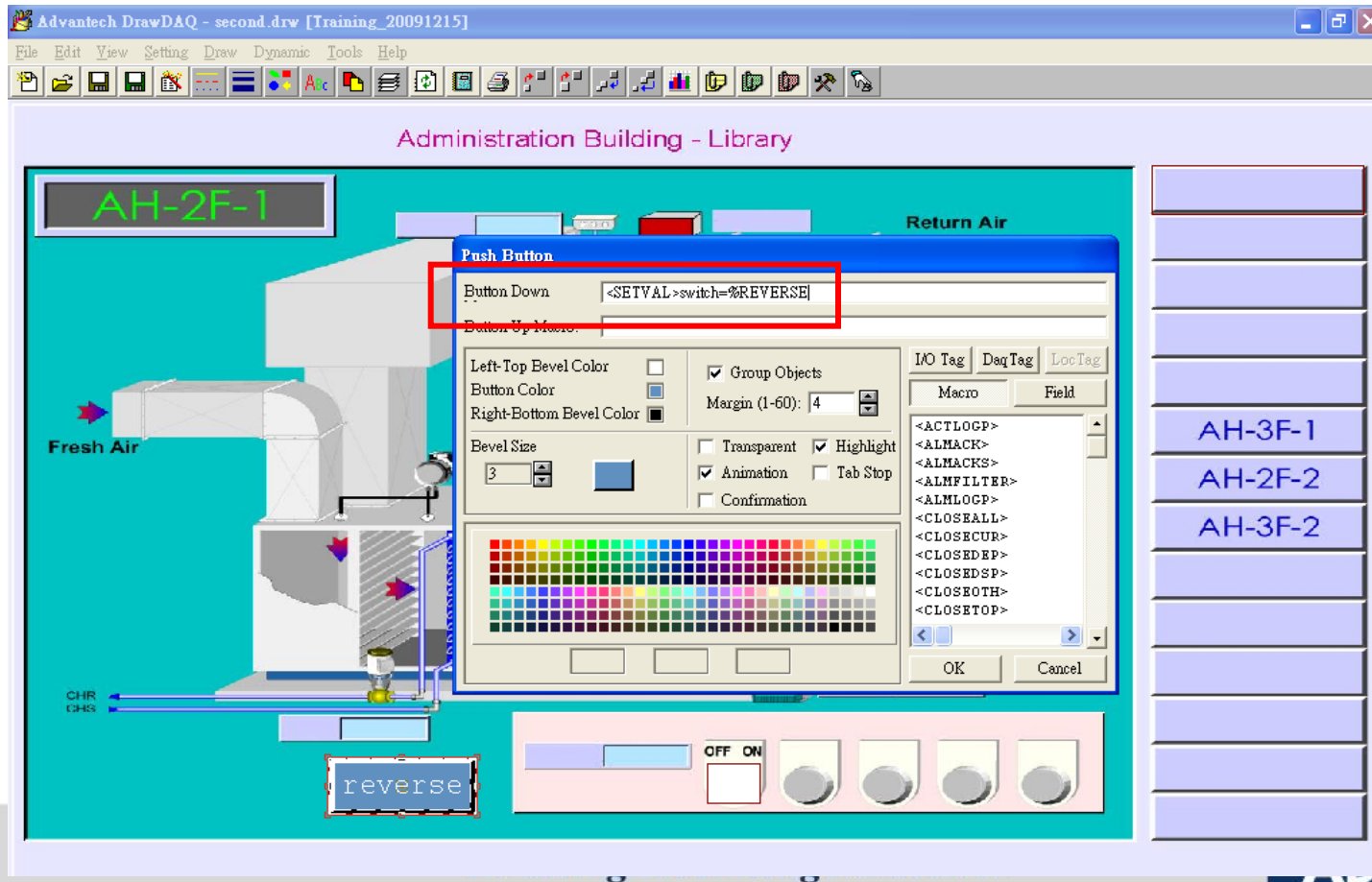
- Open the second.bgr page
- Use “rectangle” button to draw & highlight a small rectangle under ON/OFF place



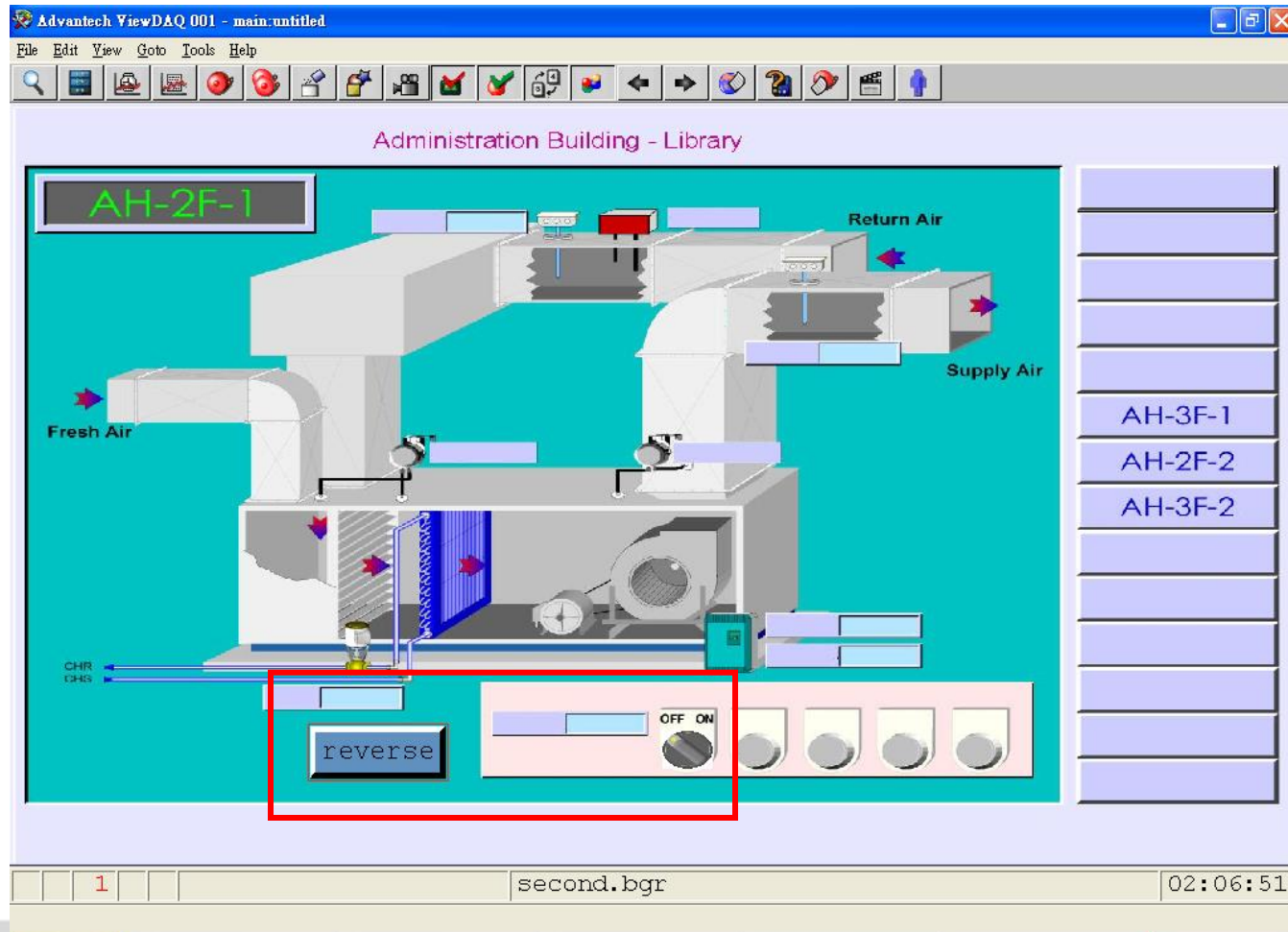
- Dynamic -> Animation -> Frame -> Digital States
- Tag name selects “switch”
- In Digital 0 inserts 135.dfm; in Digital 1 inserts 45.dfm; then click “OK” button to complete the steps.
- Note: the result can only be viewed in View / ViewDAQ



- Draw a button which named “reverse”
- In Button Down action, enter “<SETVAL>switch=%REVERSE”
 note: % REVERSE function will switch digital tag value between 0 and 1
 note: %REVERSE function can’t be found in DaqTag



- Save the file and download the project
- By clicking the “reverse” button, the switch will change its images continuously.

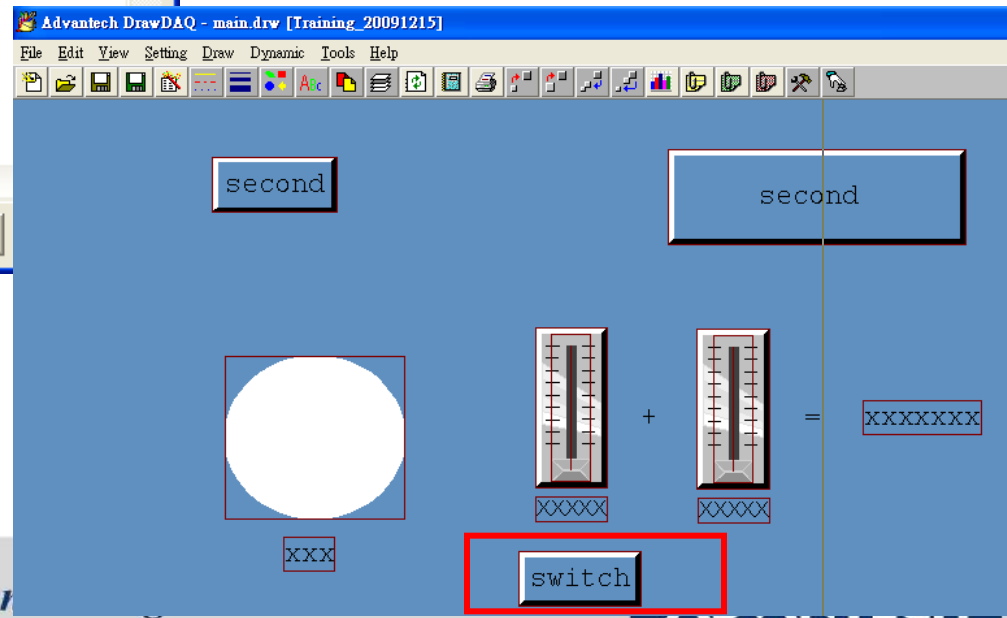
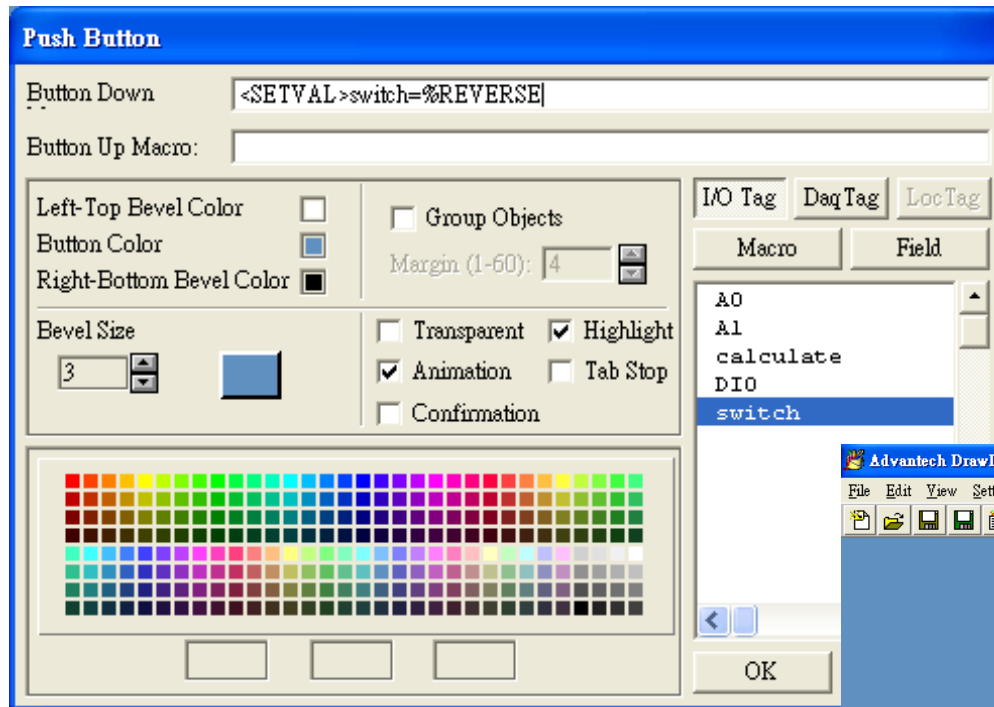




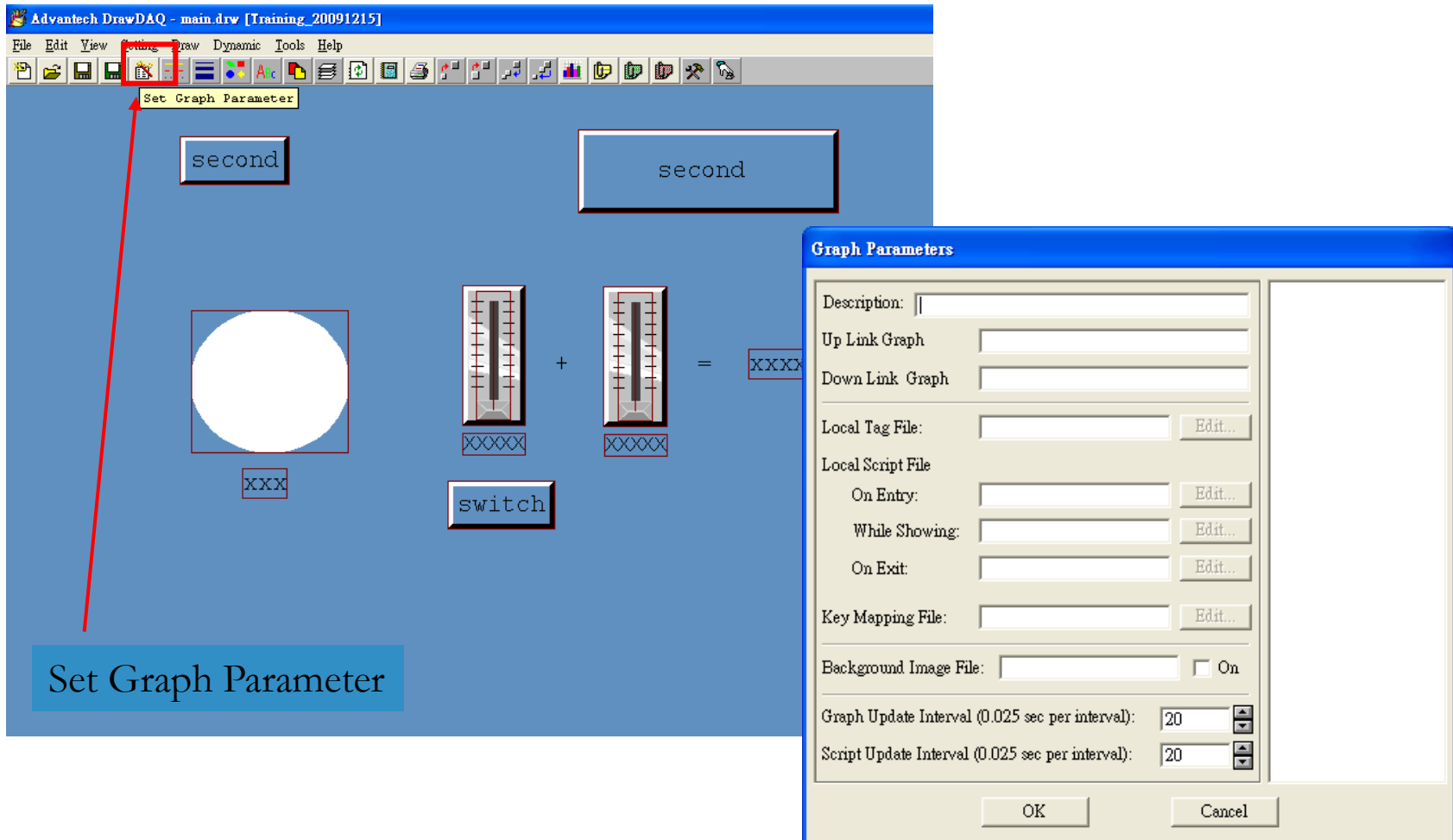
ADVANTECH

Script - TCLScript

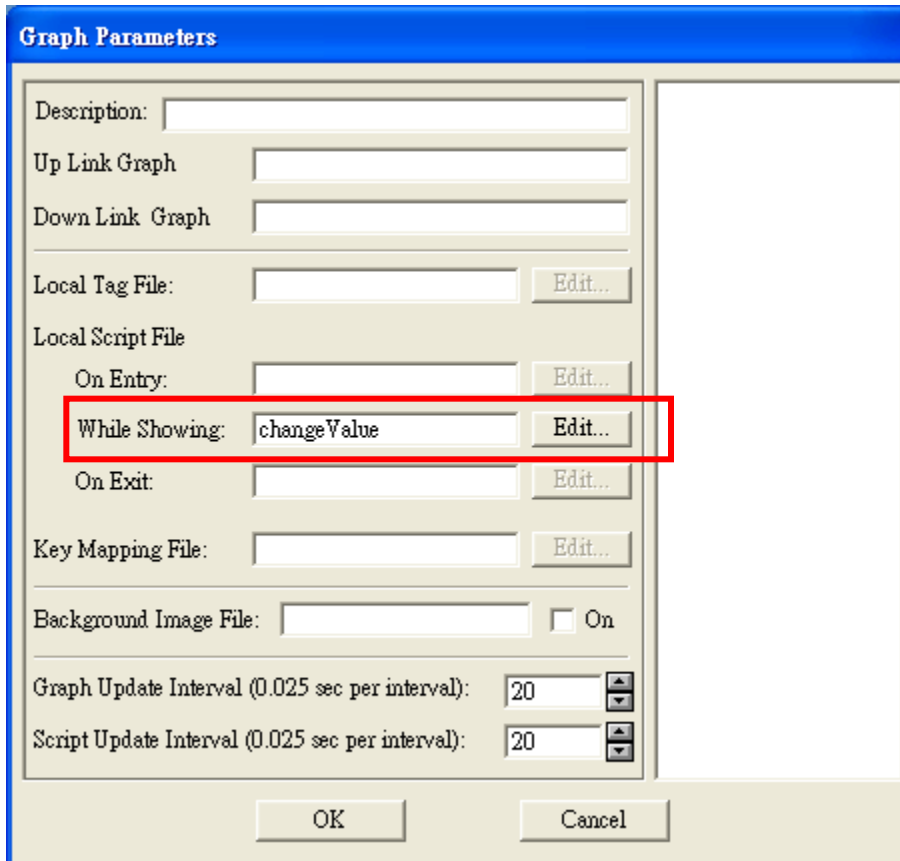
- Open Main.bgr in ViewDAQ
- Create a button to reverse “switch” digital tag value



- Click “Set Graph Parameter” button, and a Graph Parameters dialog box popup.



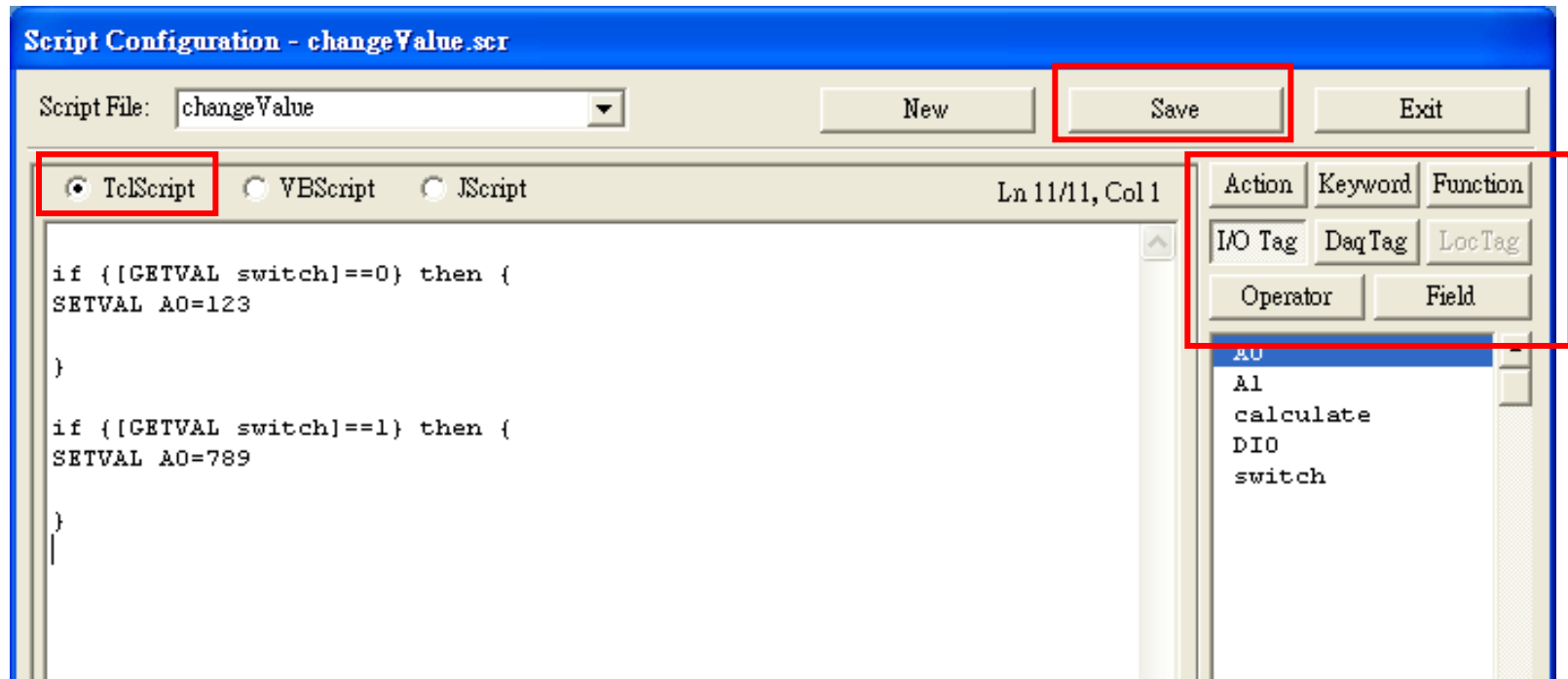
- Click the text box beside “While Showing”
- Enter the Script program Name. In here, we name it as “changeValue”
- Last, click “Edit” button



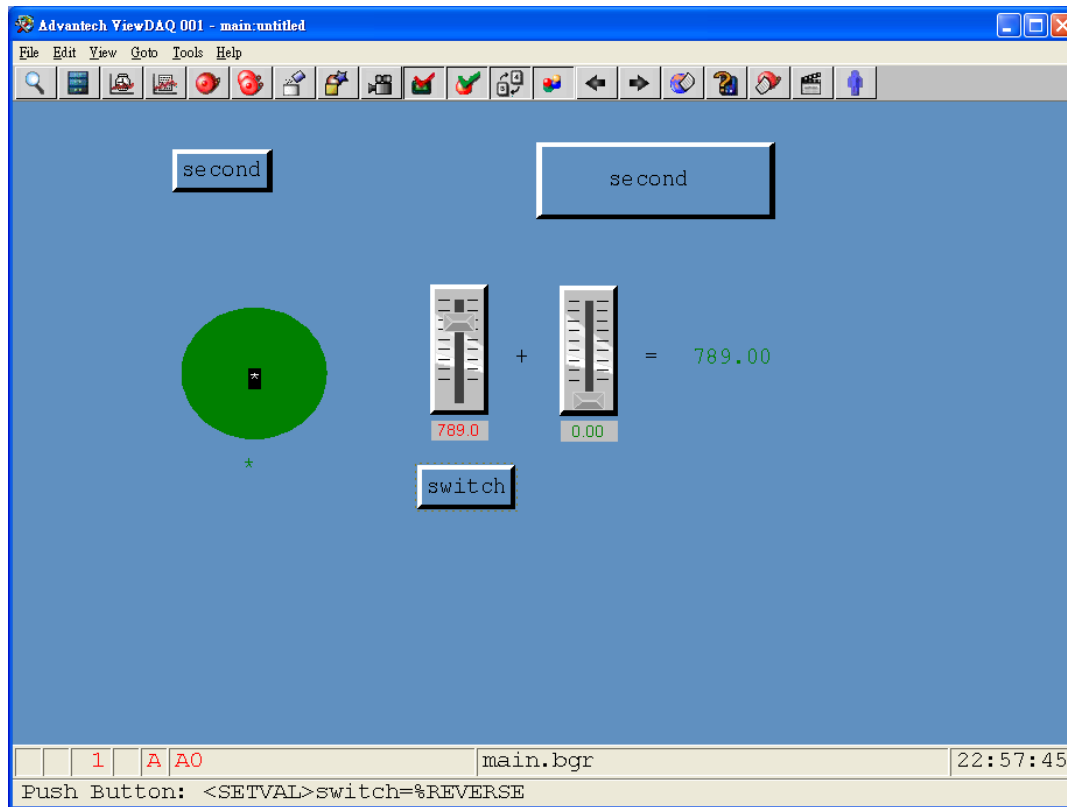
The image shows a 'Graph Parameters' dialog box with a blue title bar. It contains several input fields and buttons. The 'While Showing' field is highlighted with a red rectangle and contains the text 'changeValue'. The 'Edit...' button next to it is also highlighted. Other fields include 'Description', 'Up Link Graph', 'Down Link Graph', 'Local Tag File', 'Local Script File', 'On Entry', 'On Exit', 'Key Mapping File', 'Background Image File', 'Graph Update Interval', and 'Script Update Interval'. The 'OK' and 'Cancel' buttons are at the bottom.

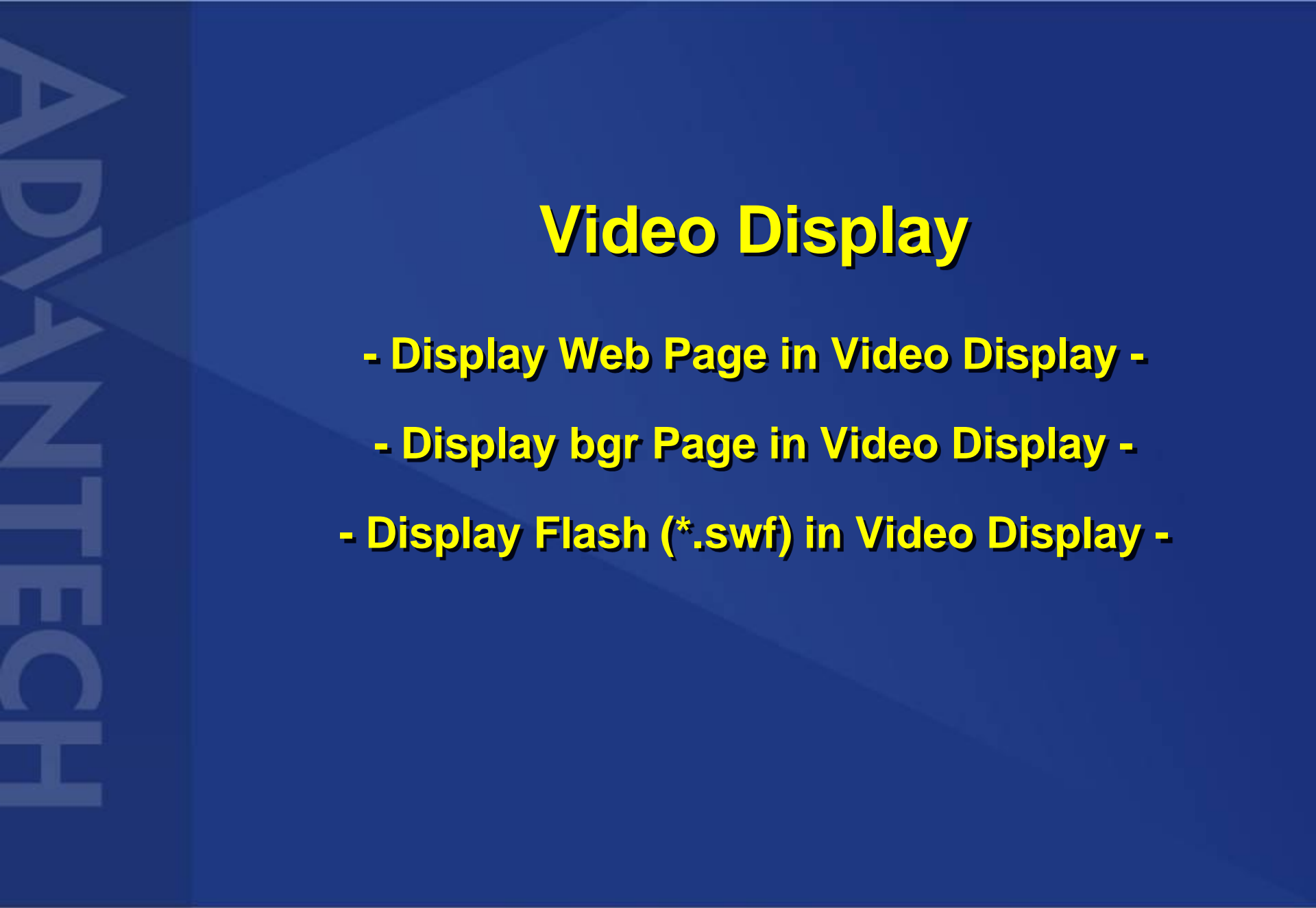
| | |
|--|--|
| Description: | |
| Up Link Graph | |
| Down Link Graph | |
| Local Tag File: | <input type="text"/> Edit... |
| Local Script File | |
| On Entry: | <input type="text"/> Edit... |
| While Showing: | changeValue Edit... |
| On Exit: | <input type="text"/> Edit... |
| Key Mapping File: | <input type="text"/> Edit... |
| Background Image File: | <input type="text"/> <input type="checkbox"/> On |
| Graph Update Interval (0.025 sec per interval): | 20 |
| Script Update Interval (0.025 sec per interval): | 20 |
| OK Cancel | |

- In TclScript language, code the following
- “if” can be found by clicking “Keyword” button
- “GETVAL” and “SETVAL” can be found by clicking “Action” button
- “==” and “=” can be found by clicking “Operator” button
- “switch” constant tag can be found by clicking “I/O Tag” button
- Last, click “Save” button to save the program



- Clicking “OK” button in Graph Parameters dialog box, and save main.bgr page.
- Download the project and run ViewDAQ
- A0 value will be changed everytime user clicks “switch” button

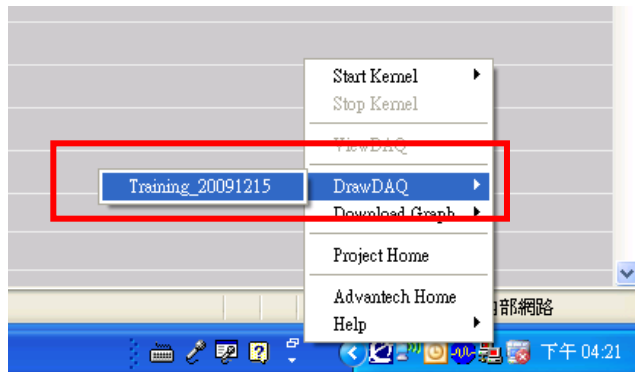




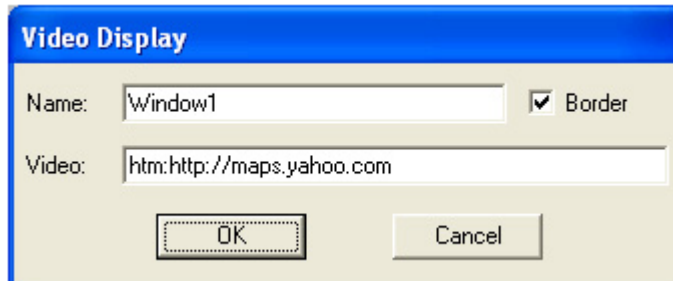
Video Display

- **Display Web Page in Video Display -**
- **Display bgr Page in Video Display -**
- **Display Flash (*.swf) in Video Display -**

1. **Right Click the Mouse** on DrawDAQ and select the project

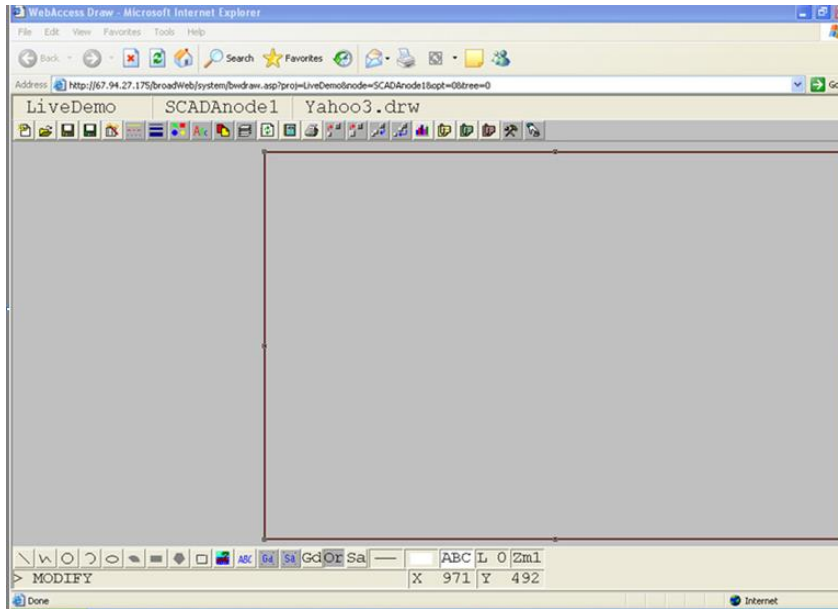


2. **Dynamic -> Video Display**
3. Enter a **Name** and enter the **htm:** with the **IP address** or **URL** of the Web Page.

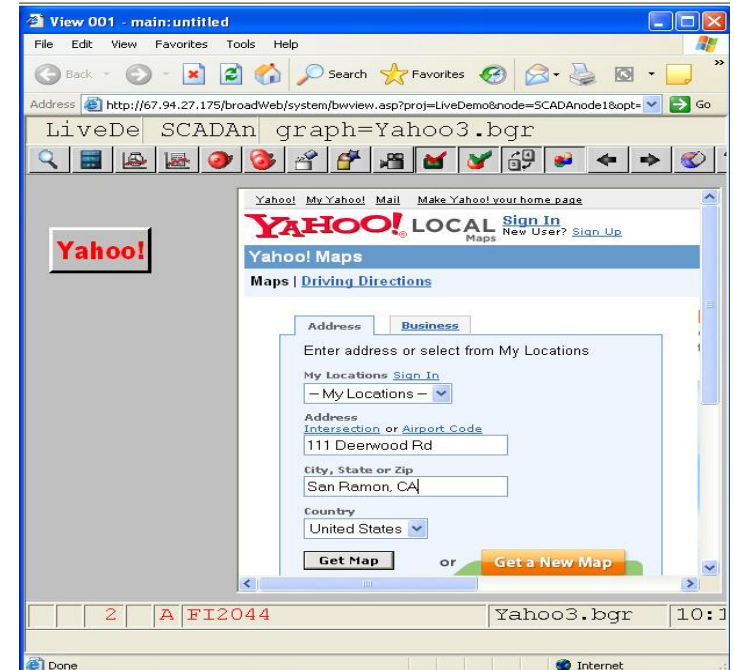


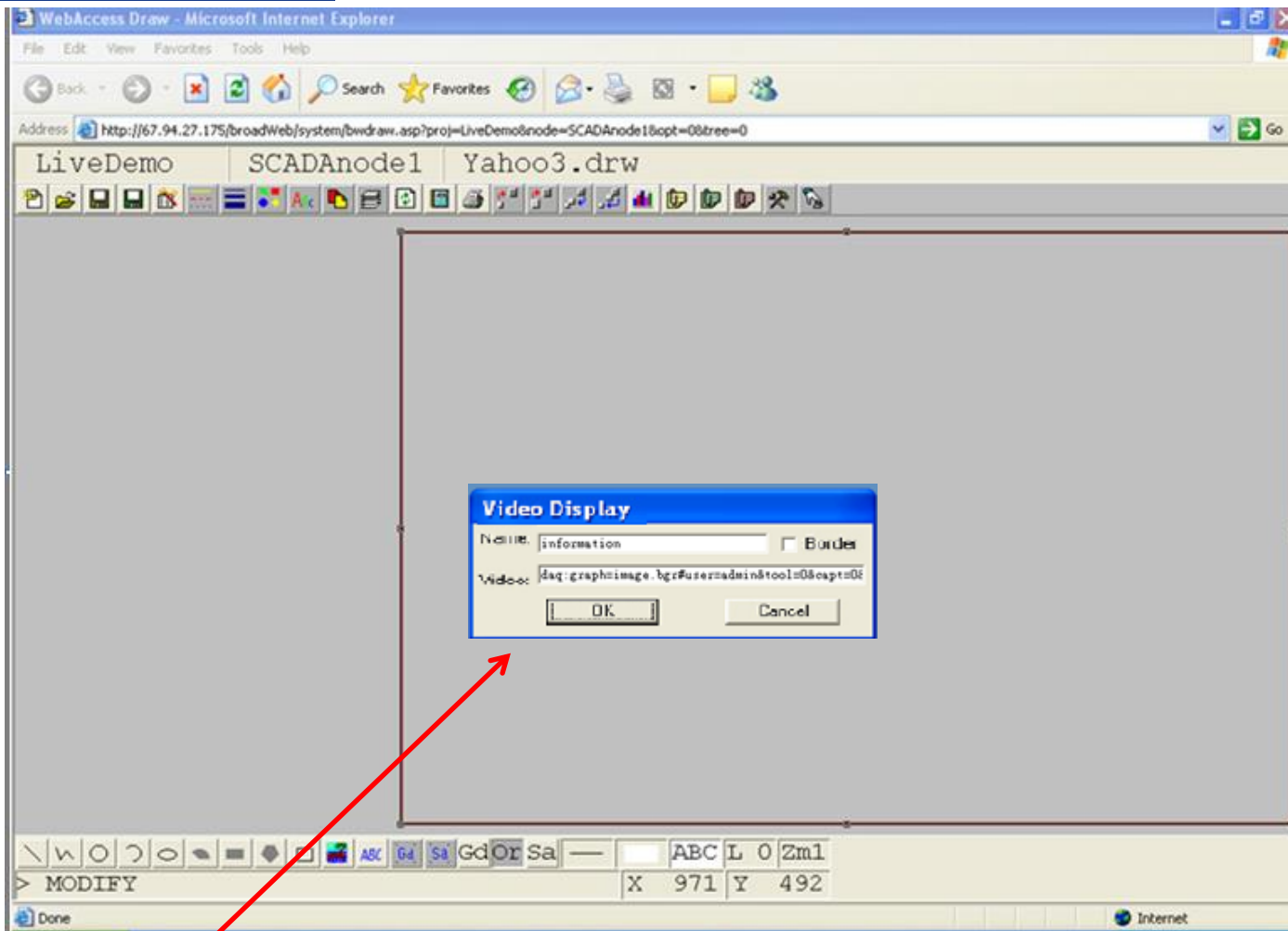
4. Select **OK** .

5. Click once to define the **start** of a **rectangle**
6. Drag with the mouse to define the size of the Video Window in the Graphic.
7. Click a **second time** to define the **end** of the rectangle.



8. Result 





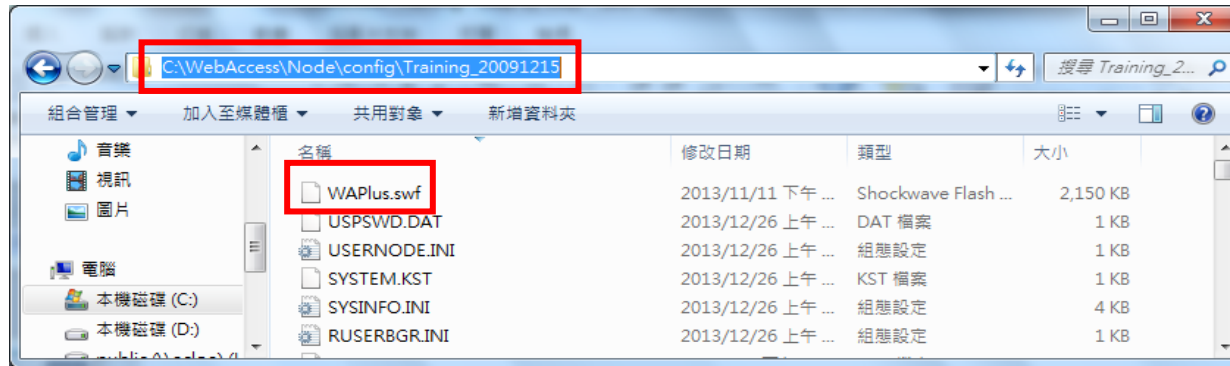
daq:graph=image.bgr#user=admin&tool=0&capt=0&stat=0

| | Using Button to Switch Bgr Pages |
|------------------|--|
| Switch Page | <SENDPTZ>information=DAQ#<GOTO>GRAPH=temp.bgr
or
<SENDVDO>information=daq:graph=temp.bgr |
| Realtime Trend | <SENDPTZ>information=DAQ#<GOTO>REALTRD=1 |
| Historical Trend | <SENDPTZ>information=DAQ#<GOTO>DLOGTRD=1 |
| Schedule | <SENDPTZ>information=DAQ#<GOTO>TOOL=BWSCH.UTI |
| Alarm Summary | <SENDPTZ>information=daq#<GOTO>ALMSUMMARY |
| Alarm Group | <SENDPTZ>information=daq#<GOTO>ALMGROUP=1 |
| Exit | <ALT_F4> |

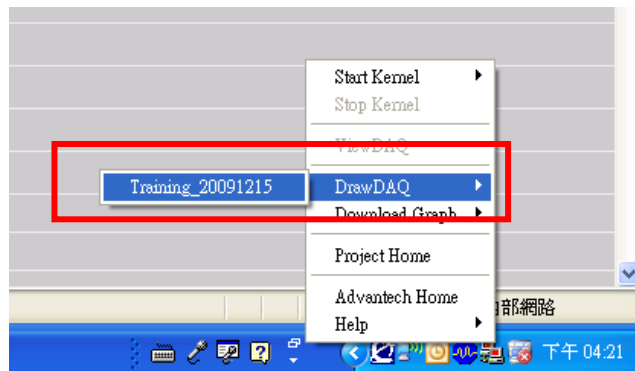
Video Display

- Insert a Flash File -

1. Copy flash file (*.swf) to **webaccess\node\config\project_node**
2. In this exercise, we will copy WAPlus.swf to
c:\webaccess\node\config\Training_20091215



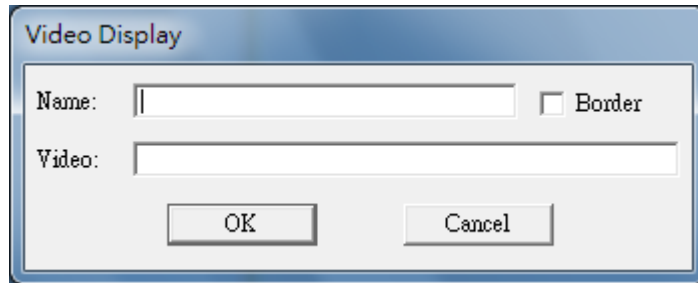
3. Right click the Mouse on DrawDAQ and select the project



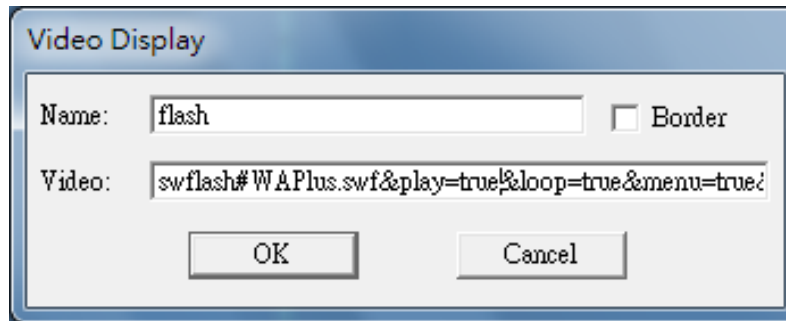
Video Display

- Insert a Flash File -

1. **Dynamic -> Video Display**, a “Video Display” dialog box will pop up.



2. Enter a “**Name**” in Name text box and enter the “**swflash#WAPlus.swf&play=true&loop=true&menu=true&popmenu=true**” in Video text box

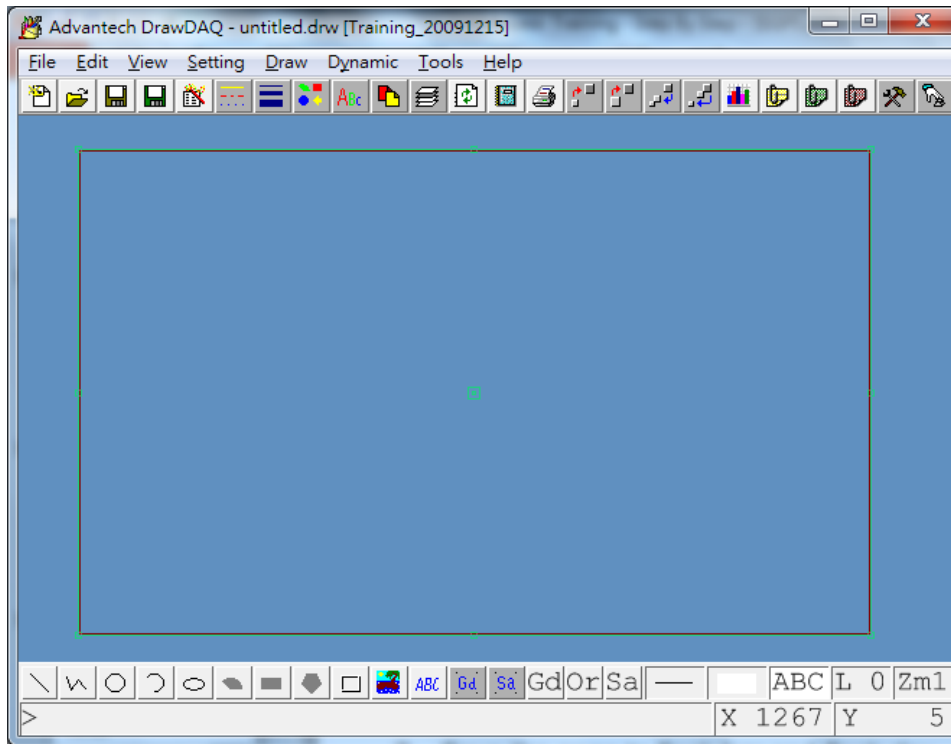


3. Click **OK** button

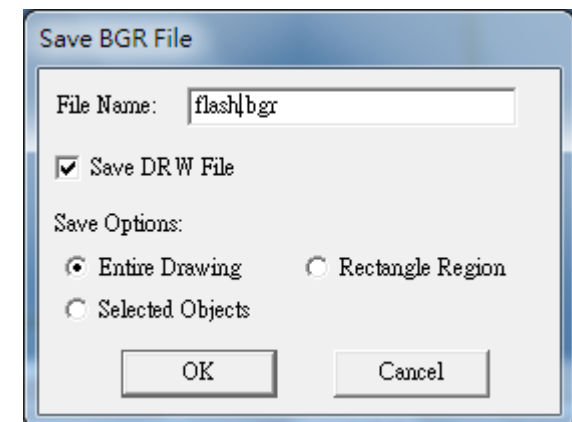
Video Display

- Insert a Flash File -

1. **Dynamic -> Video Display**, a “Video Display” dialog box will pop up.
2. Setup “first corner” and “second corner” to define the size of Video Display.

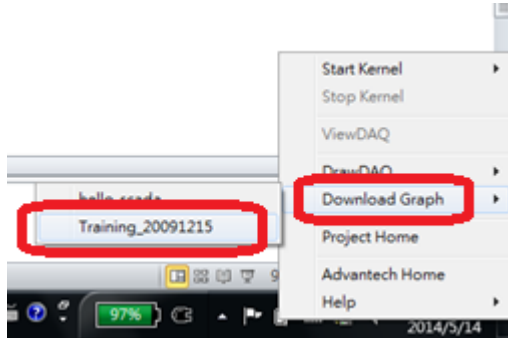


2. Save the page to flash.bgr and flash.drw

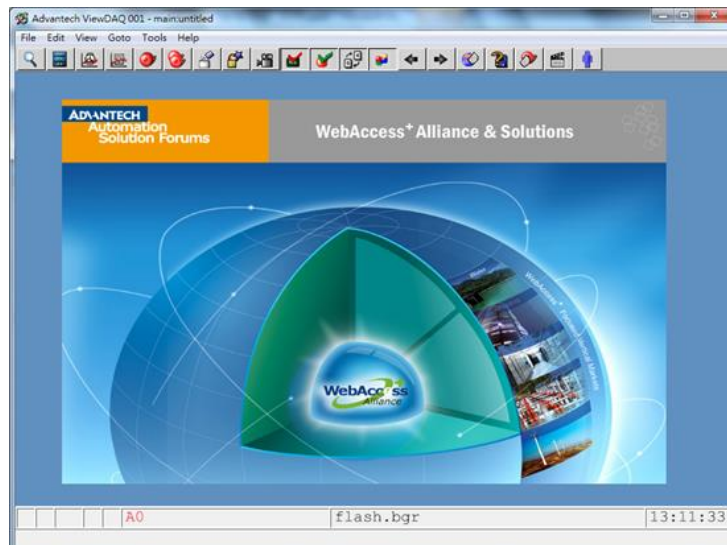


Video Display - Insert a Flash File -

1. Download project



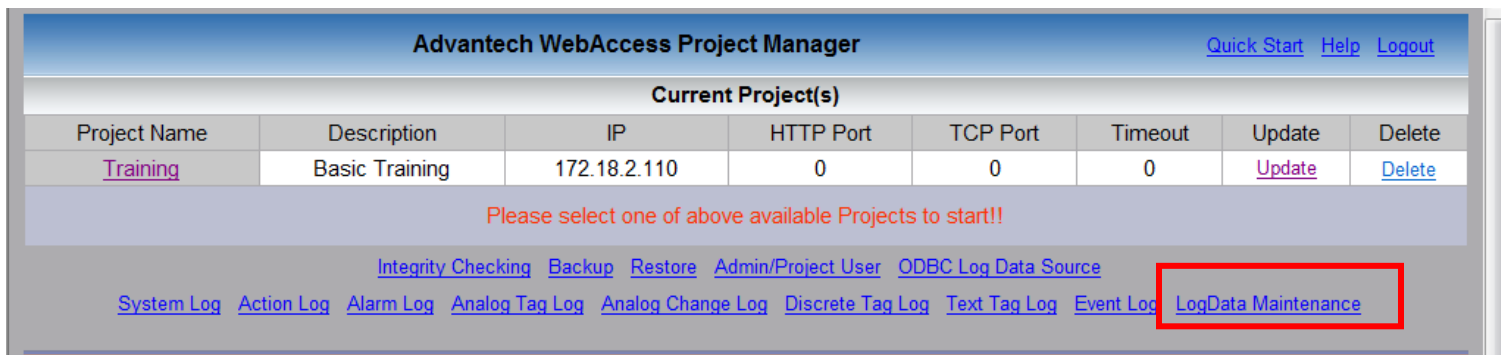
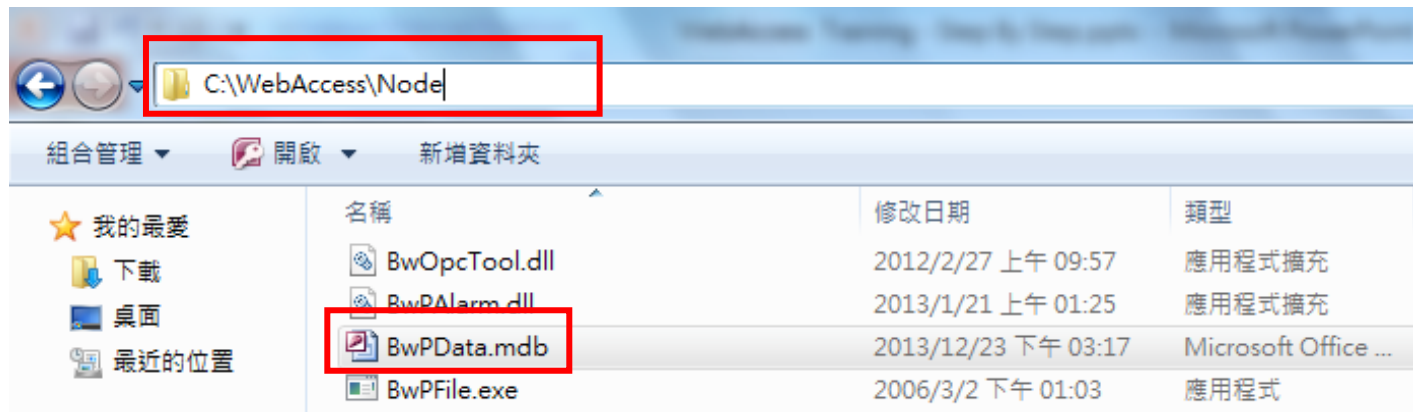
2. Result





ODBC

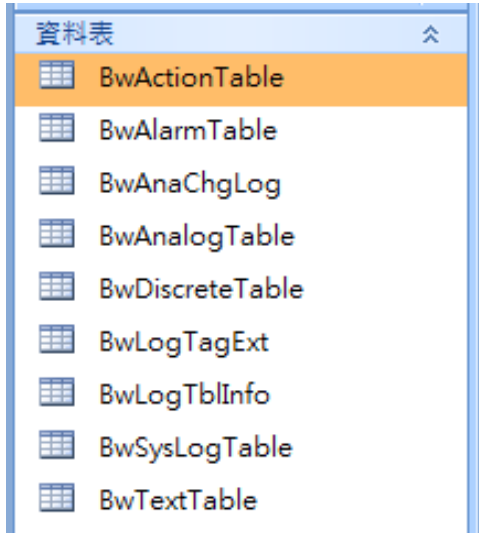
1. WebAccess default ODBC is MS Access
2. By using ODBC, LogData Maintenance must also setup
 - Data Maintenance supports data **relocation save** and **deletion**
 - These actions will make sure the database won't explore
3. The file is located under **c:\webaccess\node\bwpdata.mdb**



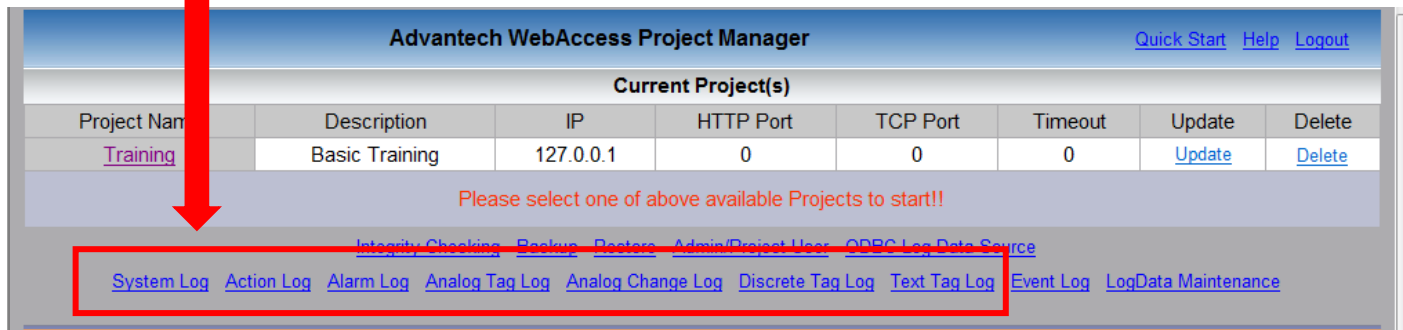
ODBC

- MS Access BwPdata.mdb -

1. Total **nine tables** in bwpdata.mdb, **seven** of them may be used for data exchange.
2. "BwLogTagExt" and "BwLogTblInfo" are for RD internal use only.



| Bwpdata.mdb | WebAccess |
|-----------------|-------------------|
| BwActionTable | Action Log |
| BwAlarmTable | Alarm Log |
| BwAnaChgLog | Analog Change Log |
| BwAnalogTable | Analog Tag Log |
| BwDiscreteTable | Discrete Tag Log |
| BwSysLogTable | System Log |
| BwTextTable | Text Tag Log |



ODBC

- LogData Maintenance -

- By setting ODBC, LogData Maintenance must also setup
 - Data Maintenance supports data **relocation** **save** and **deletion**
 - These actions will make sure the database won't explore

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Logout](#)

Current Project(s)

| Project Name | Description | IP | HTTP Port | TCP Port | Timeout | Update | Delete |
|--------------------------|----------------|--------------|-----------|----------|---------|------------------------|------------------------|
| Training | Basic Training | 172.18.2.110 | 0 | 0 | 0 | Update | Delete |

Please select one of above available Projects to start!!

[Integrity Checking](#) [Backup](#) [Restore](#) [Admin/Project User](#) [ODBC Log Data Source](#)
[System Log](#) [Action Log](#) [Alarm Log](#) [Analog Tag Log](#) [Analog Change Log](#) [Discrete Tag Log](#) [Text Tag Log](#) [Event Log](#) [LogData Maintenance](#)

ODBC Log

| Log Type | Archive Log Daily | Delete Expired Log | |
|---------------------|---|--------------------------|--|
| | <input type="checkbox"/> | <input type="checkbox"/> | Expiration Time |
| System Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Action Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Alarm Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Analog Tag Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Discrete Tag Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Text Tag Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Event Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Analog Change Log | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1 <input type="radio"/> Day(s) <input checked="" type="radio"/> Month(s) |
| Archive To (Folder) | d:\training\odbc
(Shared Network or Local Folder, Example: \\Server\Shared Folder) | | |

Delete expired data

Save data to other location

Maintenance Time of Day Hour Minute

data maintenance starts time

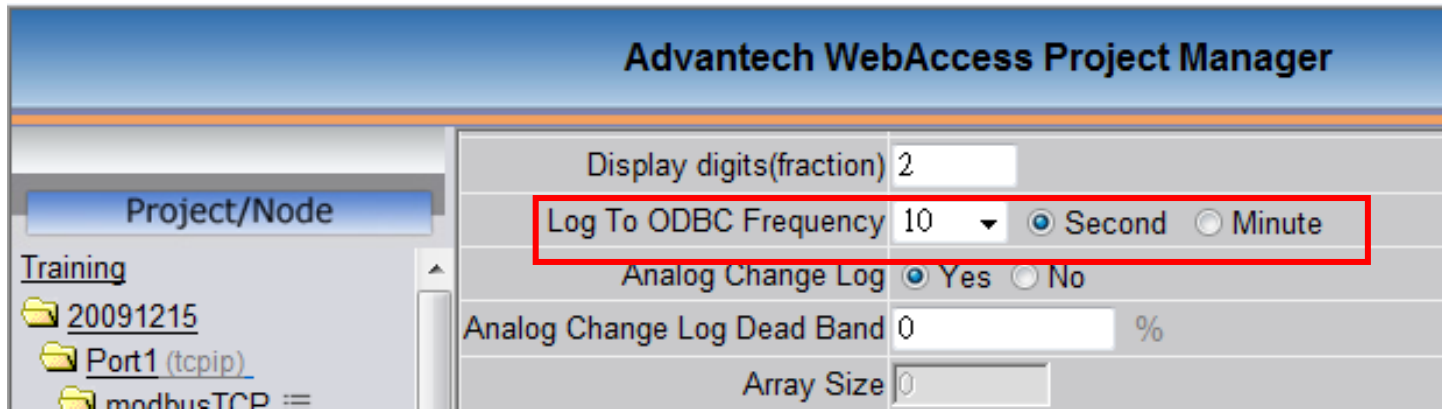
1. Set “Data Log To ODBC” in SCADA Node property
2. Data Log To ODBC: the data is stored at “Analog Tag Log” and “Discrete Tag Log”

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

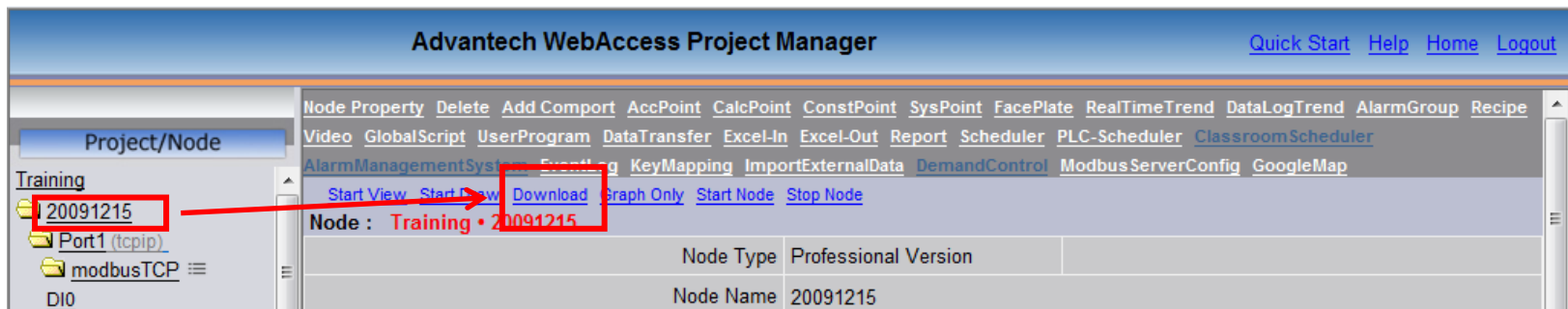
| | | | | |
|---|----------------------------------|---|----------------------|--|
| Project/Node
Training
20091215
Port1 (tcpip)
modbusTCP
DIO
Calc Point
Const Point
Device Driver | Alarm Voice | None | | |
| | Alarm Log | To ODBC : <input type="radio"/> Yes <input checked="" type="radio"/> No | To Printer : Disable | To File : <input checked="" type="radio"/> Yes |
| | Minimal Alarm Log Priority | To ODBC : 0 | To Printer : 0 | To File : 0 |
| | Action Log | To ODBC : <input checked="" type="radio"/> Yes <input type="radio"/> No | To Printer : Disable | To File : <input checked="" type="radio"/> Yes |
| | Send Alarm To Mobile Phone | None | | |
| | Alarm To Mobile Phone By Project | <input type="radio"/> Yes <input checked="" type="radio"/> No | | |
| | Data Log To ODBC | <input checked="" type="radio"/> Yes <input type="radio"/> No | | |
| | Use RTDB For Data Log | <input type="radio"/> Yes <input checked="" type="radio"/> No | | |

[Integrity Checking](#)
[Backup](#)
[Restore](#)
[Admin/Project User](#)
[ODBC Log Data Source](#)
[System Log](#)
[Action Log](#)
[Alarm Log](#)
[Analog Tag Log](#)
[Analog Change Log](#)
[Discrete Tag Log](#)
[Text Tag Log](#)
[Event Log](#)
[LogData Maintenance](#)

1. Setup “Log to ODBC Frequency” in Tag property



1. After finishing setup SCADA Node and Tag properties, back to SCADA Node and click “Download”



1. By clicking “Analog Tag Log”, user may query AO tag historical data from MS Access

WebAccess Analog Tag Log [Quick Start](#) [Help](#) [Home](#) [Logout](#)

| | | | | |
|-------------------|---|-------------|------------|------|
| Query Criteria | Custom Criteria | Page Size | 600 | Rows |
| Project Name | Training | Node Name | 20091215 | |
| Starting Date | 2013/12/1 | Ending Date | 2013/12/23 | |
| Tag Name | <div> <div>A0</div> <div> <input checked="" type="checkbox"/> All Tags </div> <div> <div>></div> <div><</div> </div> </div> | | | |
| Tag Name Patterns | | | | |

[\[Cancel\]](#) [\[Submit\]](#)

1. Result

WebAccess Analog Tag Log [New Query](#) [Print](#) [Quick Start](#) [Help](#) [Home](#) [Logout](#)

[Start](#) [Prev](#) (Page:32 / Total Pages:32)

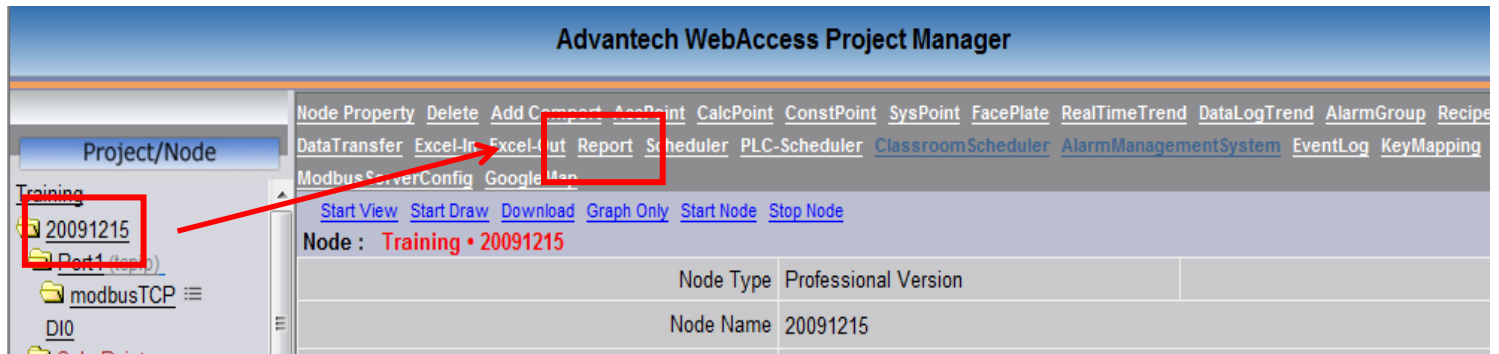
| Date | Time | Tag Name | Maximum | Minimum | Average | Last Value | Alarm | Project Name | Node Name |
|------------|----------|----------|------------------|------------------|------------------|------------------|-------|--------------|-----------|
| 2013/12/23 | 17:51:50 | A0 | 779.069781303406 | 58.1395365297794 | 630.232567340136 | 58.1395365297794 | 4 | Training | 20091215 |
| 2013/12/23 | 17:51:40 | A0 | 441.860467195511 | 0 | 132.558140158653 | 441.860467195511 | 40 | Training | 20091215 |
| 2013/12/23 | 17:51:30 | A0 | 0 | 0 | 0 | 0 | 32 | Training | 20091215 |
| 2013/12/23 | 17:51:20 | A0 | 0 | 0 | 0 | 0 | 32 | Training | 20091215 |



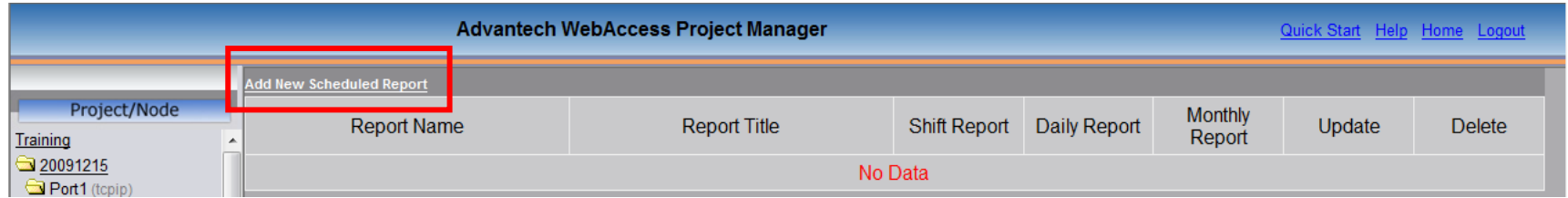
ADVANTECH

Report

1. WebAccess supports three types of reports
 1. Shift Report
 2. Daily Report
 3. Monthly Report
2. All reports retrieve data from central database (default database is MS Access)
3. In here, we will practice “Daily Report”
4. Click “Report” in SCADA Node



1. Click “Add New Scheduled Report”



Advantech WebAccess Project Manager

[Quick Start](#) [Help](#) [Home](#) [Logout](#)

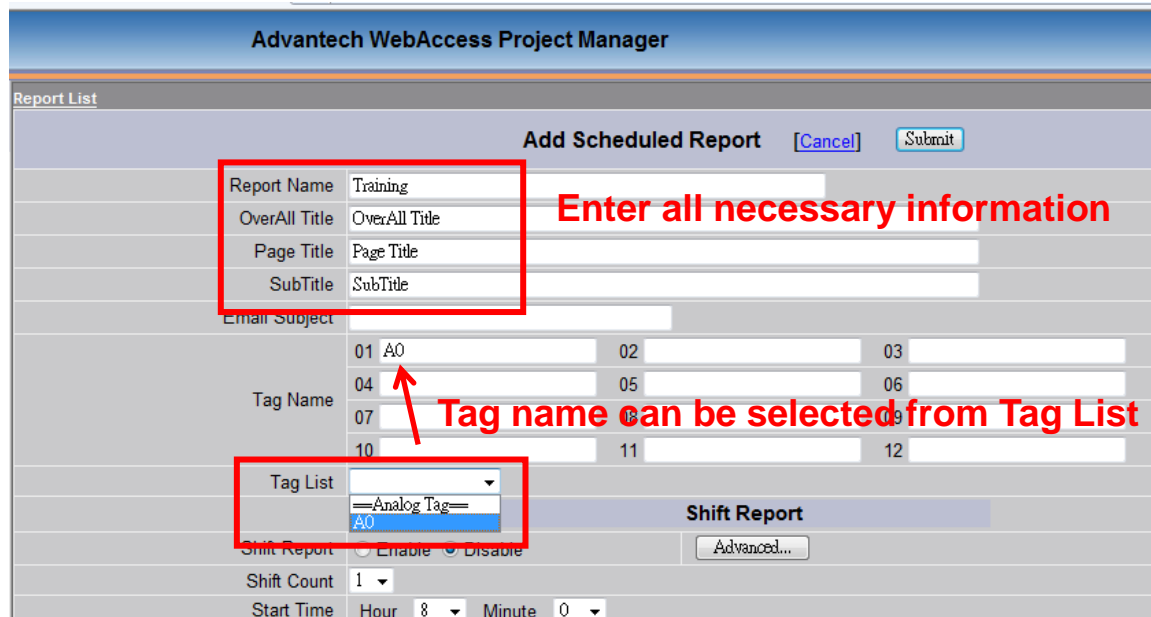
Add New Scheduled Report

| Project/Node | Report Name | Report Title | Shift Report | Daily Report | Monthly Report | Update | Delete |
|---------------|-------------|--------------|--------------|--------------|----------------|--------|--------|
| Training | | | | | | | |
| 20091215 | | | | | | | |
| Port1 (tcpip) | | | | | | | |

No Data

1. Click “Add New Scheduled Report”

- “Report Name” **can’t** have any space



Advantech WebAccess Project Manager

Report List

Add Scheduled Report [Cancel] [Submit]

Enter all necessary information

Report Name: Training

OverAll Title: OverAll Title

Page Title: Page Title

SubTitle: SubTitle

Email Subject:

Tag Name:

Tag name can be selected from Tag List

Tag List:

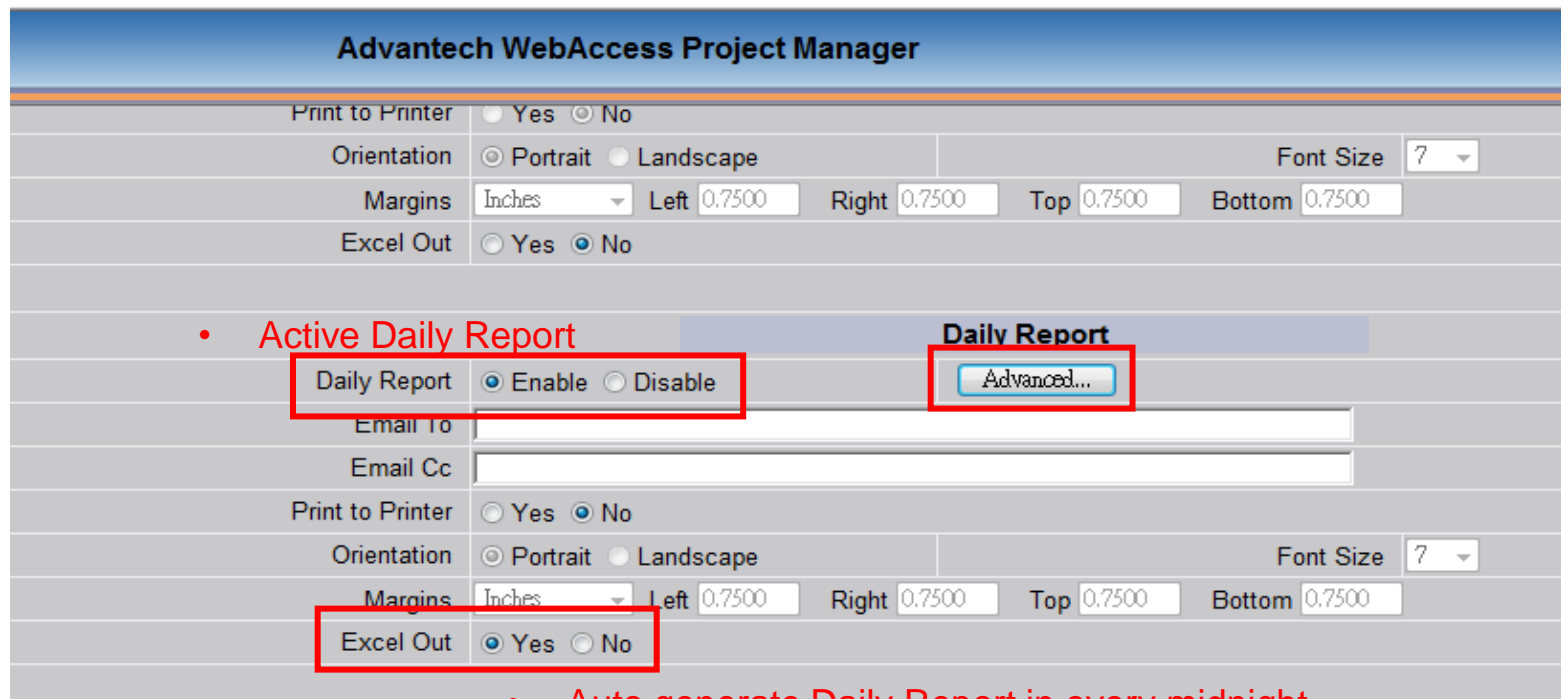
Shift Report: ☐ Enable ☒ Disable

Shift Count: 1

Start Time: Hour 8 Minute 0

Shift Report:

1. Click "Enable" in Daily Report
2. Click "Excel Out" if user prefers WebAccess to auto-generate report in midnight.
 - File name will be **Project Node** name bundled with **date**
 - Report will be generated to the below location
 - **C:\webaccess\node\Training_20091215\Report\Traing_20131225.xls**
3. Click "Advanced..." button for more detailed setup



Advantech WebAccess Project Manager

Print to Printer ☐ Yes ☐ No

Orientation ☒ Portrait ☐ Landscape Font Size

Margins Left Right Top Bottom

Excel Out ☐ Yes ☒ No

• **Active Daily Report**

Daily Report

Daily Report ☒ Enable ☐ Disable **Advanced...**

Email To

Email Cc

Print to Printer ☐ Yes ☒ No

Orientation ☒ Portrait ☐ Landscape Font Size

Margins Left Right Top Bottom

Excel Out ☒ Yes ☐ No

- Auto generate Daily Report in every midnight

1. Each tag allows to **enter four descriptions**
2. Click “Submit” when it is done.

Advantech WebAccess Project Manager [Quick Start](#) [Help](#) [Home](#) [Logout](#)

Daily Report (Training) - Tag Property [Cancel] [Submit]

| Column | Tag Name | Title | | Display Method | Factor | Decimal Places |
|--------|----------|-----------------|-----------------|----------------|--------|----------------|
| 1 | A0 | 1. Advantech | 2. AIG Building | Average | | 3 |
| | | 3. Fourth Floor | 4. Temperature | | | |

Report Summary

Maximum ☒ Minimum ☒ Average ☒ Last Value ☐ Total ☒

[Cancel] [Submit]

- Four descriptions

1. Click “Submit” again to complete the Daily Report setup

Advantech WebAccess Project Manager

Report List

Update Scheduled Report [Cancel] [Submit]

| | | | |
|---------------|---------------|----|----|
| Report Name | Training | | |
| OverAll Title | OverAll Title | | |
| Page Title | Page Title | | |
| SubTitle | SubTitle | | |
| Email Subject | | | |
| Tag Name | 01 A0 | 02 | 03 |
| | 04 | 05 | 06 |

1. Click “View” to view the Daily Report

| Advantech WebAccess Project Manager | | | | | | | Quick Start | Help | Home | Logout |
|--|--|--------------------------|---------------|--------------|----------------------|----------------|-----------------------------|------------------------|----------------------|------------------------|
| Project/Node | | Add New Scheduled Report | | | | | | | | |
| Training | | Report Name | Report Title | Shift Report | Daily Report | Monthly Report | Update | Delete | | |
| <ul style="list-style-type: none"> 20091215 Port1 (tcpip) modbusTCP | | Training | OverAll Title | | View | | Update | Delete | | |

2. Daily Report result

Advantech WebAccess Project Manager

[Quick Start](#)
[Help](#)
[Home](#)
[Logout](#)

First Date

Prev. Date

(Date:3 / Total Days:3)

2013/12/23

2013/12/23

OverAll Title

Page Title

SubTitle

Tag Name

A0

Advantech

AIG Building

Fourth Floor

Temperature

00:00-00:59

01:00-01:59

02:00-02:59

03:00-03:59

04:00-04:59

05:00-05:59

06:00-06:59

07:00-07:59

08:00-08:59

09:00-09:59

10:00-10:59

11:00-11:59

12:00-12:59

13:00-13:59

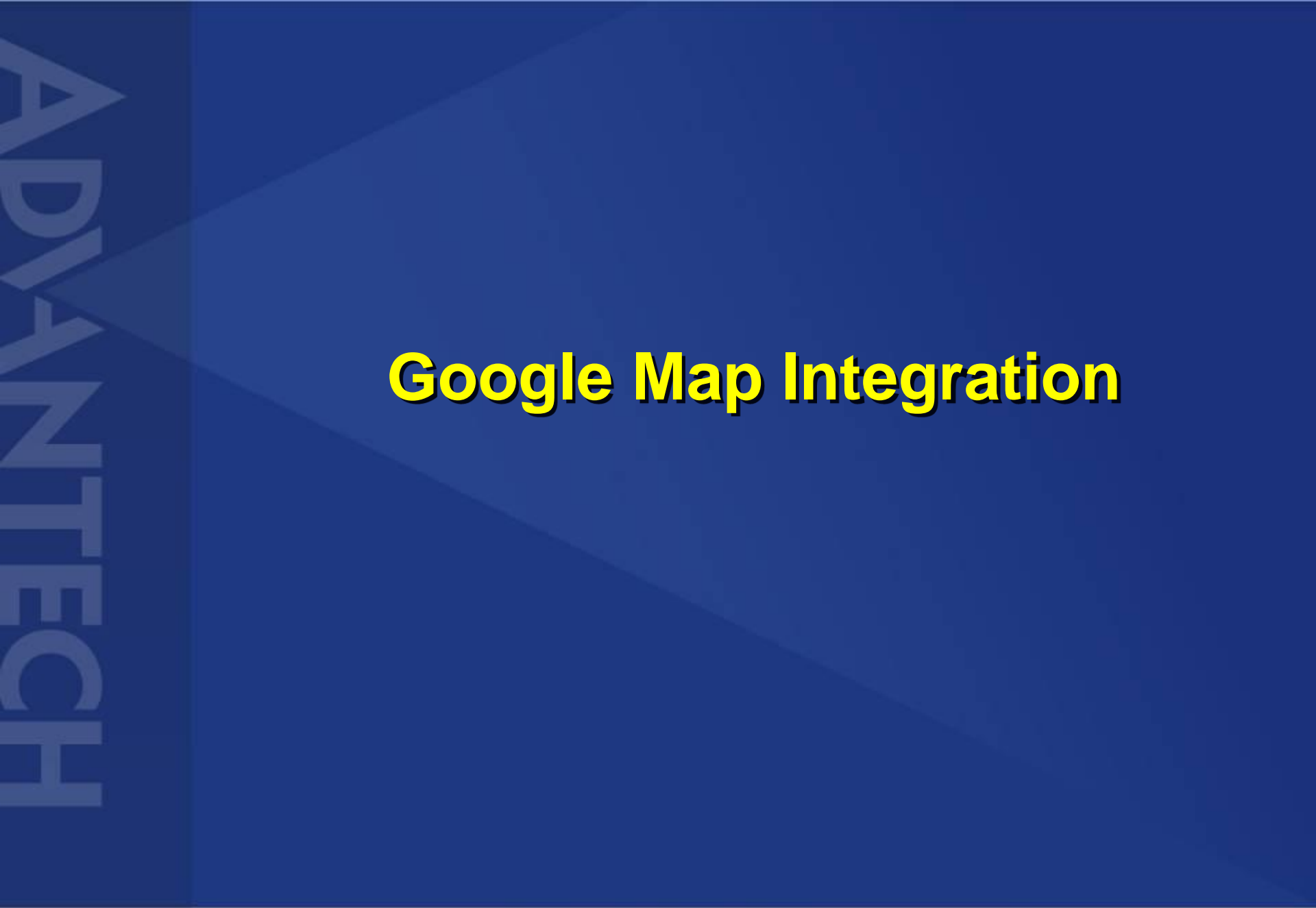
14:00-14:59

15:00-15:59

16:00-16:59

17:00-17:59

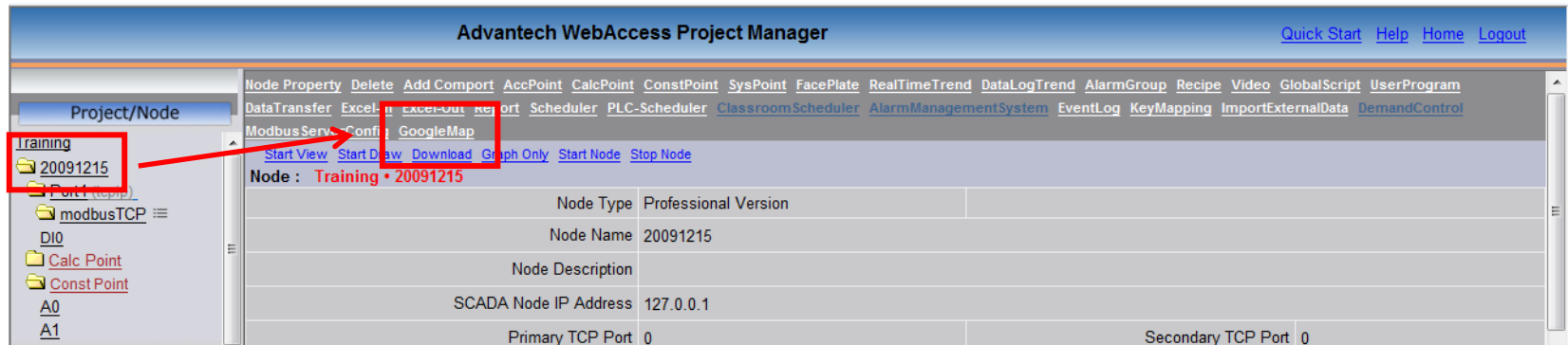
251.852



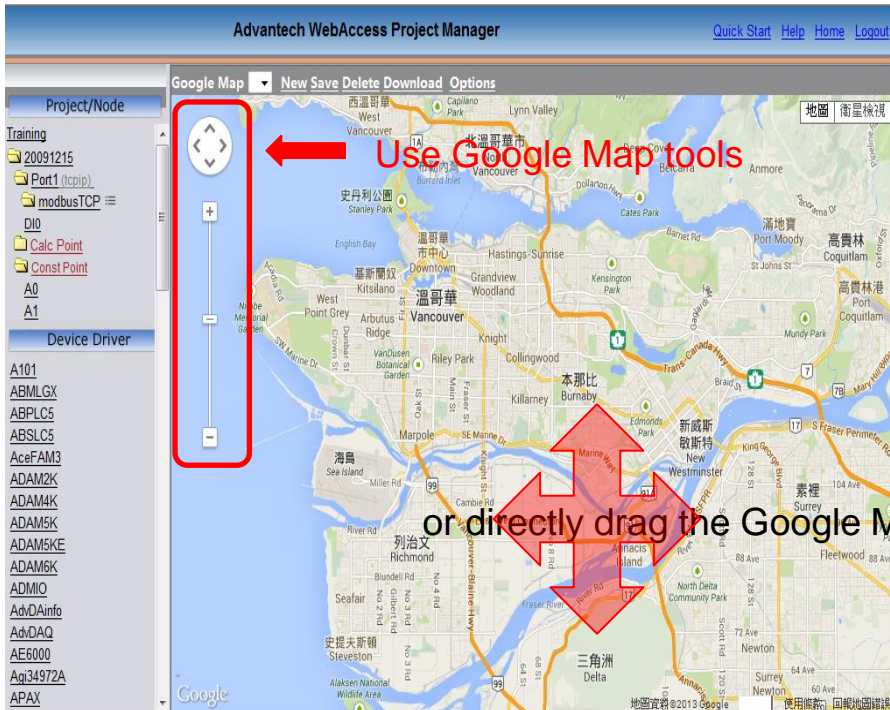
ADVANTECH

Google Map Integration

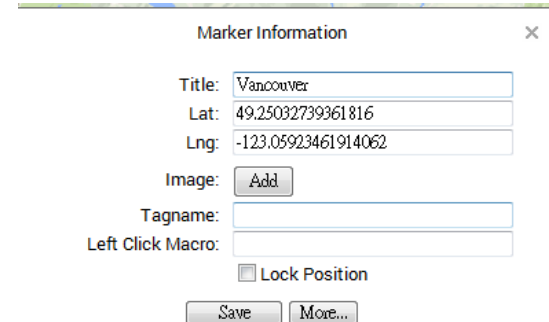
1. To active GoogleMap function, user's computer must **go online**
2. Google Map function is located in SCADA Node property
3. Click "GoogleMap" to start it.



1. Google Map will appear on the screen.
2. Two ways to select Google Map area:
 - First Way: Use Mouse to select area and location
 - Second Way: Enter Longitude and Latitude manually



First Way



Marker Information

Title:

Lat:

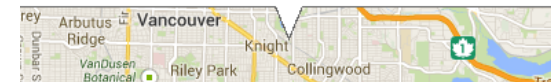
Lng:

Image:

Tagname:

Left Click Macro:

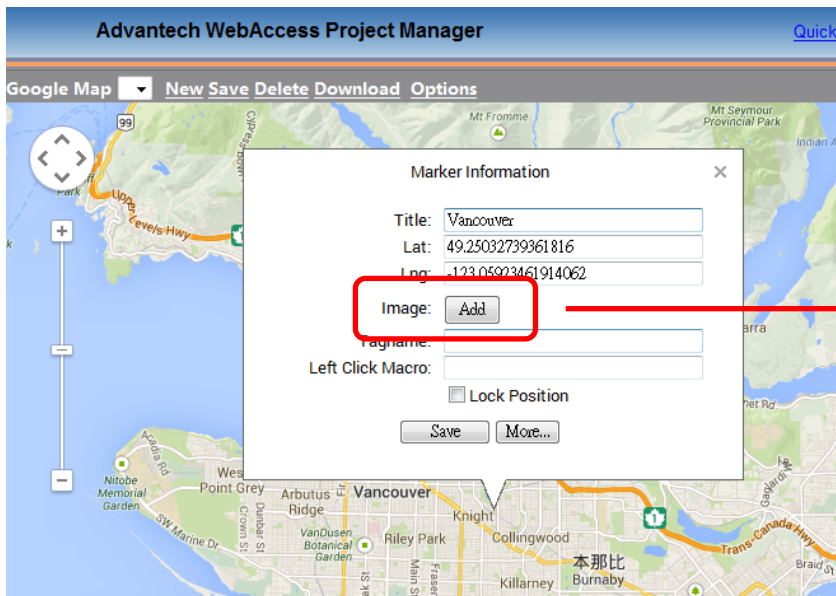
☐ Lock Position



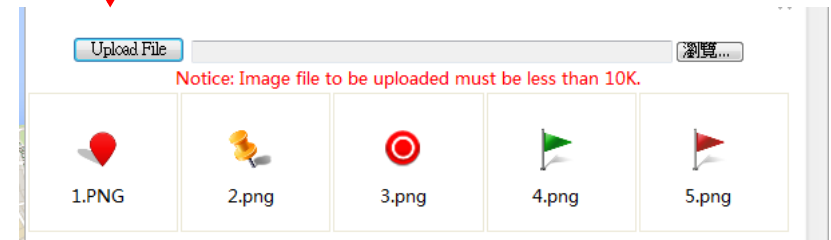
Second Way:

Click left button of mouse to directly enter Title, Longitude, Latitude and Image

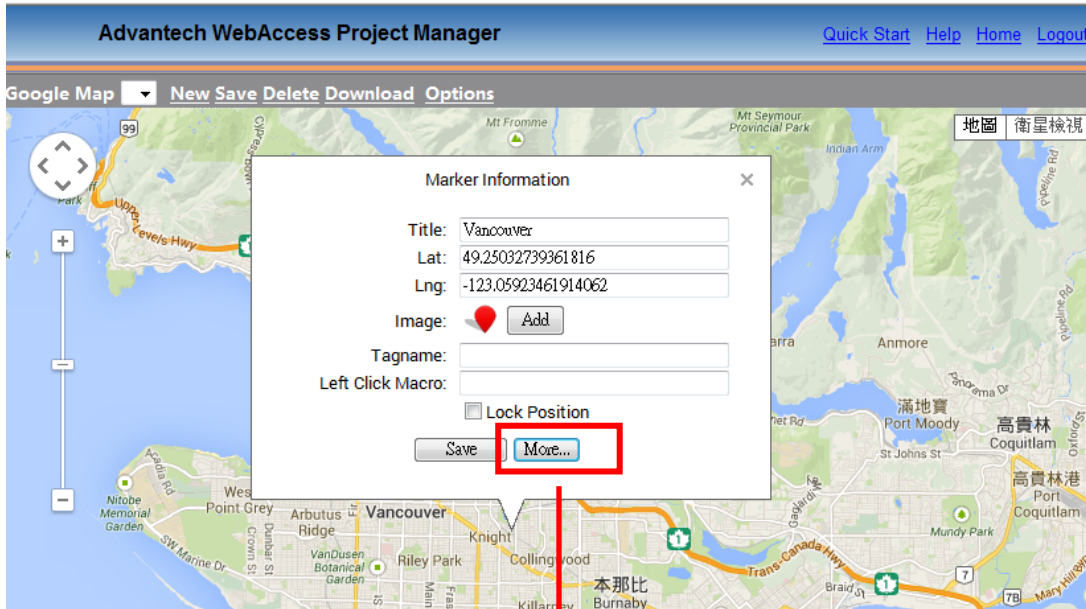
1. For first way:
 - After select the area, click right button of mouse to enter Title, Lng and Lat.
2. For both first and second ways:
 - Click “Add” button to insert a flag



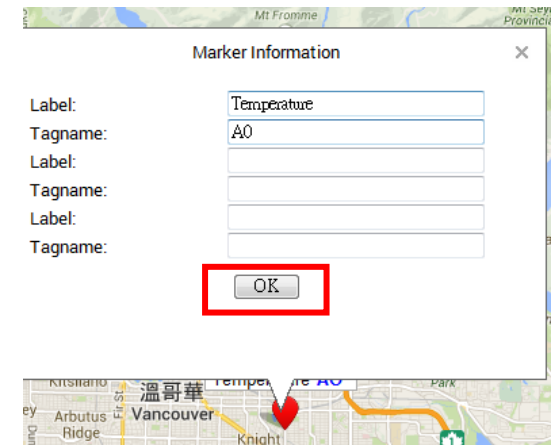
Size limitation for uploading user's own icon; 10KB



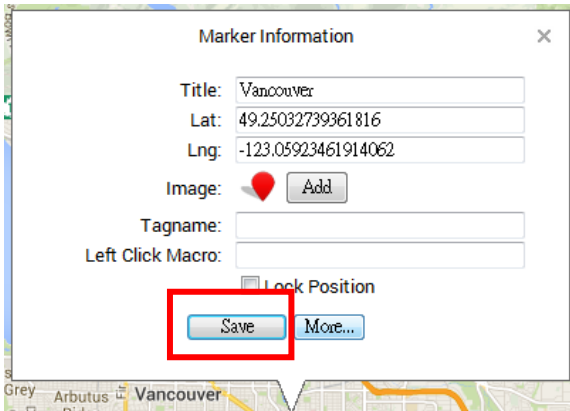
1. GoogleMap allows user to display three tags with their values on the screen
2. Click “OK” in Marker Information when setup is done.



Label: enter the name that user may recognize (ex. Temperature)
 Tagname: Tag Name (ex. A0)



1. Click “Save” when all setup is completed.
2. User will see a ‘Vancouver’ marker on the screen




Marker Information

Title: Vancouver

Lat: 49.25032739361816

Lng: -123.05923461914062

Image:  Add

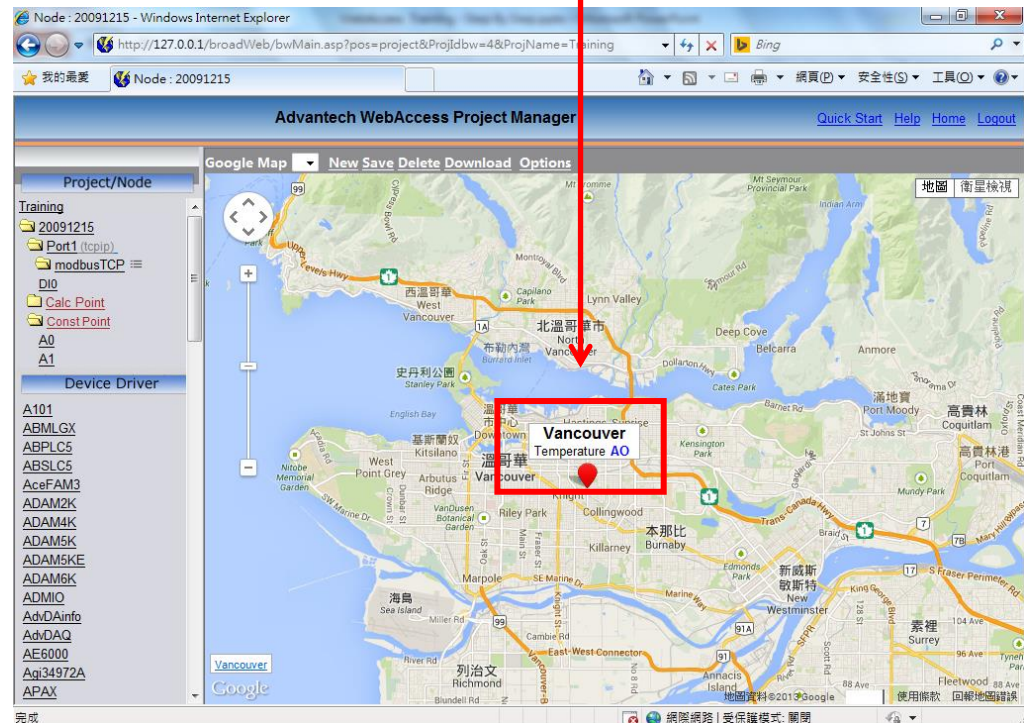
Tagname:

Left Click Macro:

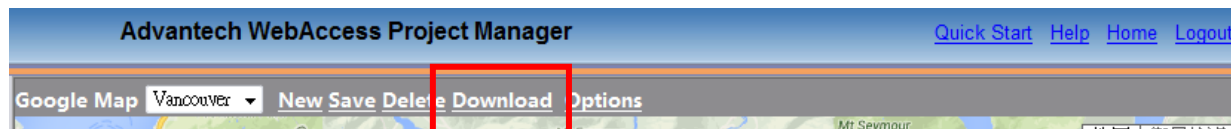
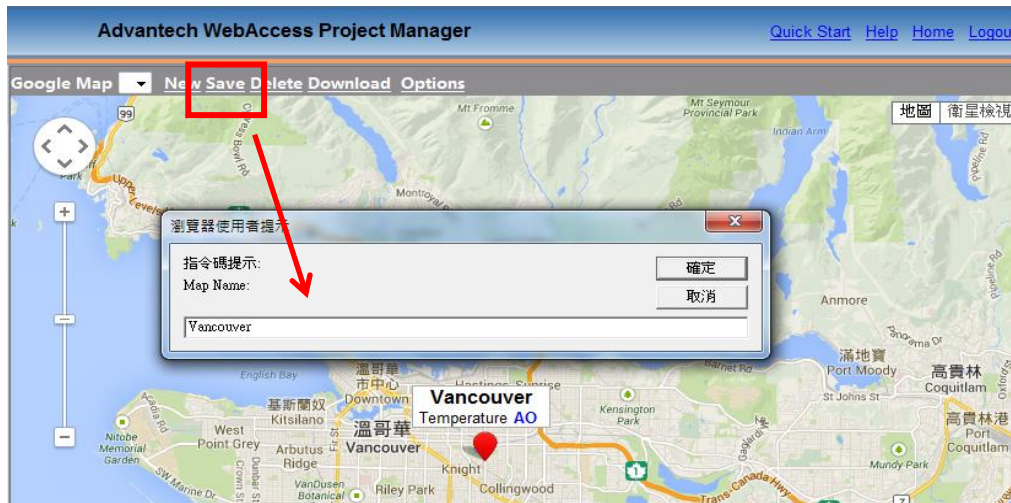
☐ Lock Position

Save More...

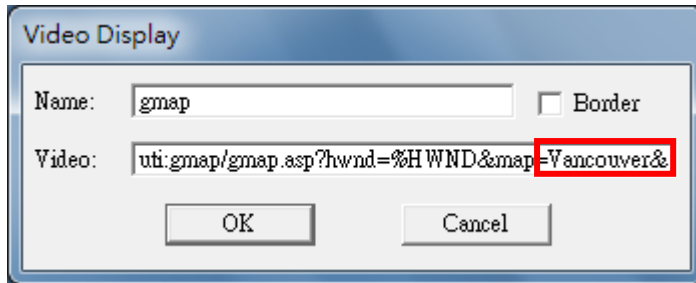
Vancouver marker



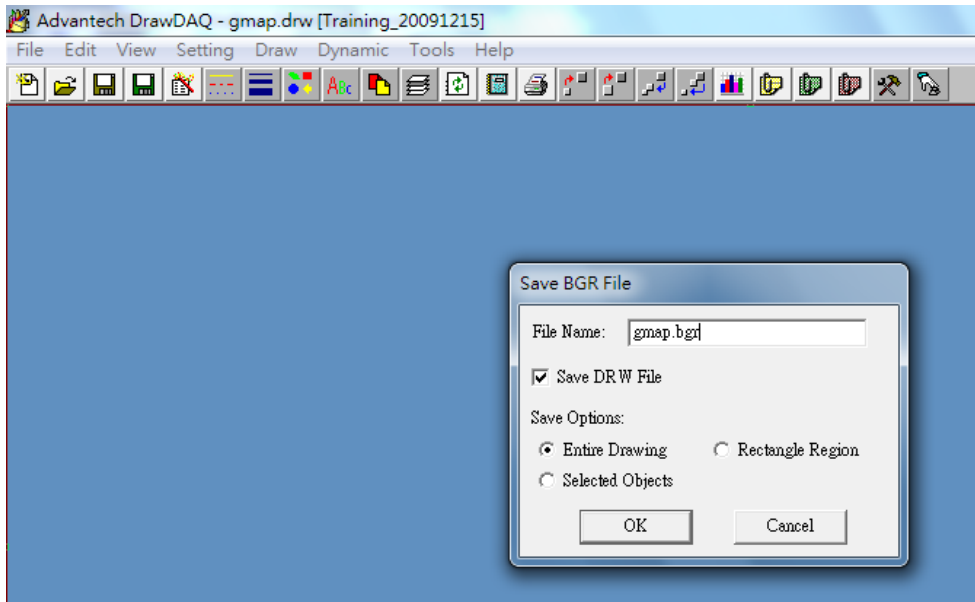
1. Last, remember to save and download the GoogleMap.



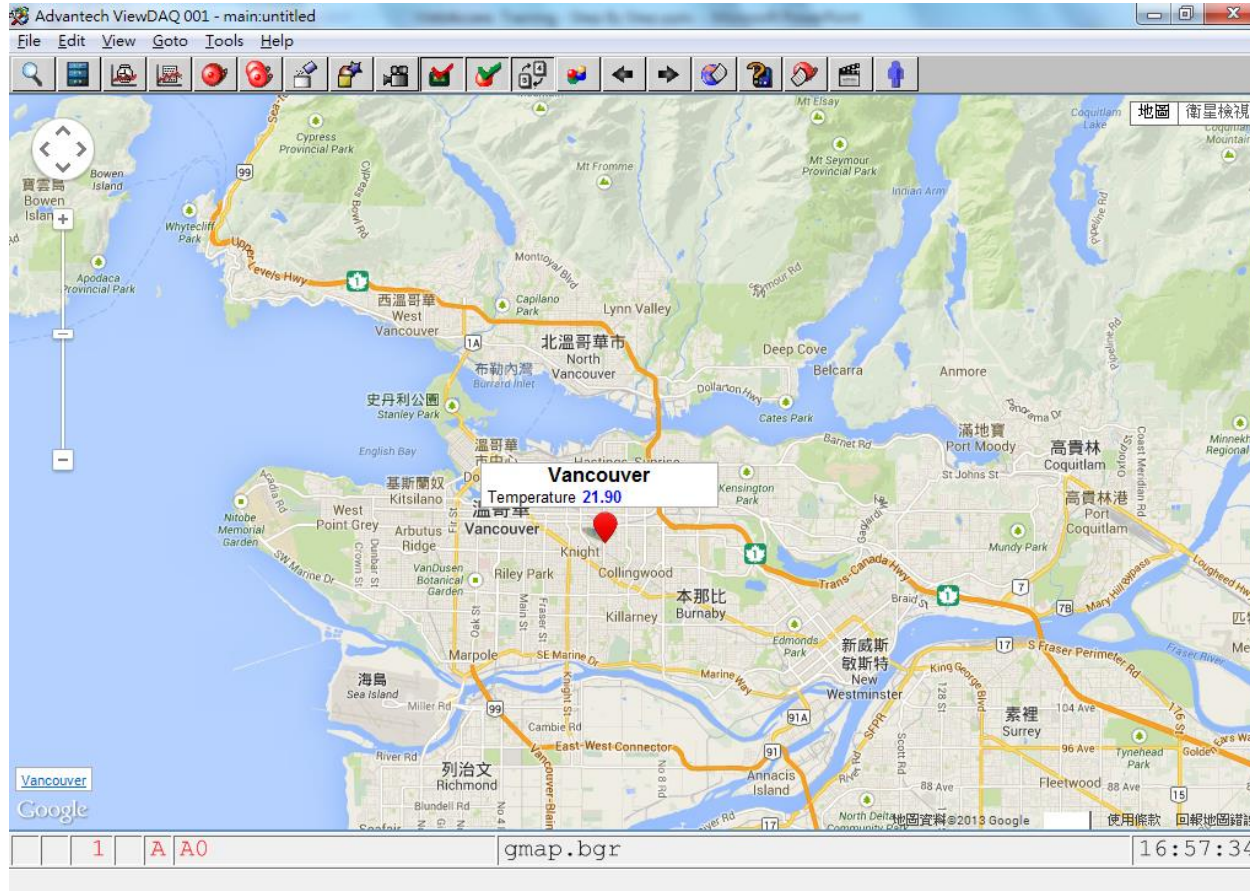
1. GoogleMap is able to insert into Video Display
 1. Key word: **uti:gmap/gmap.asp?hwnd=%HWND&map=Vancouver&**



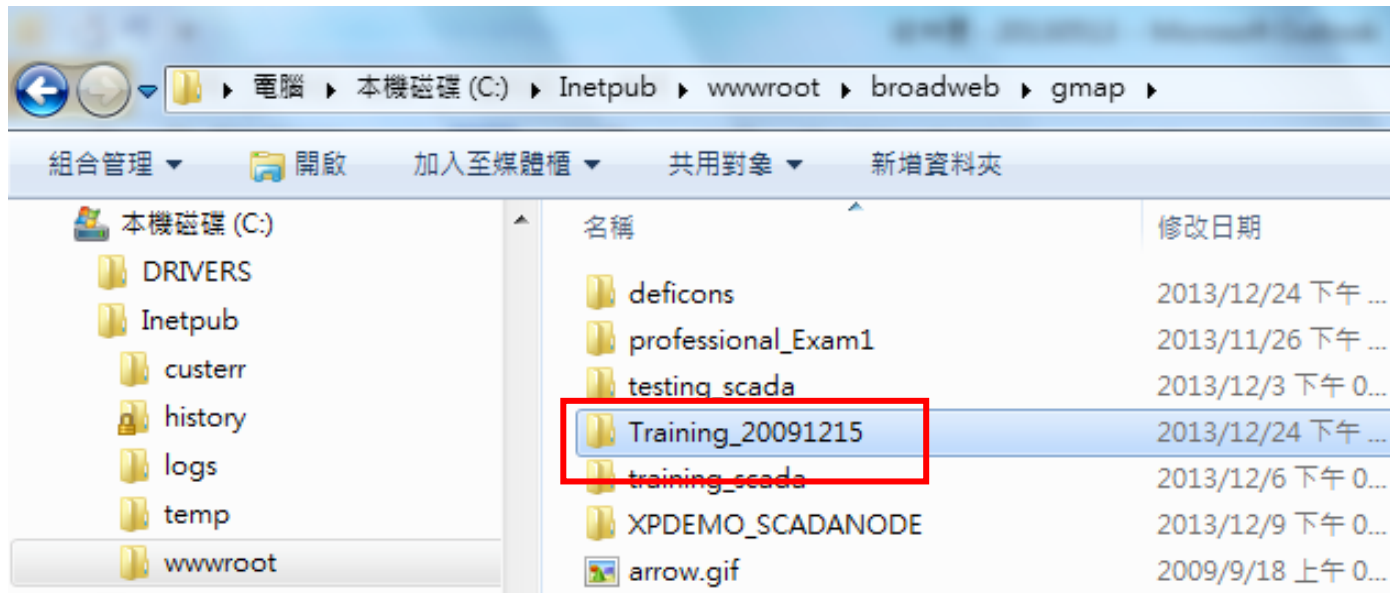
The name "Vancouver" is based on user's GoogleMap file name



1. Result



1. Google Map source files will be store at
 - C:\inetpub\wwwroot\broadweb\gmap\
2. “Training_20091215” folder contains source files of WebAccess Training project





ADVANTECH

GPS Integration

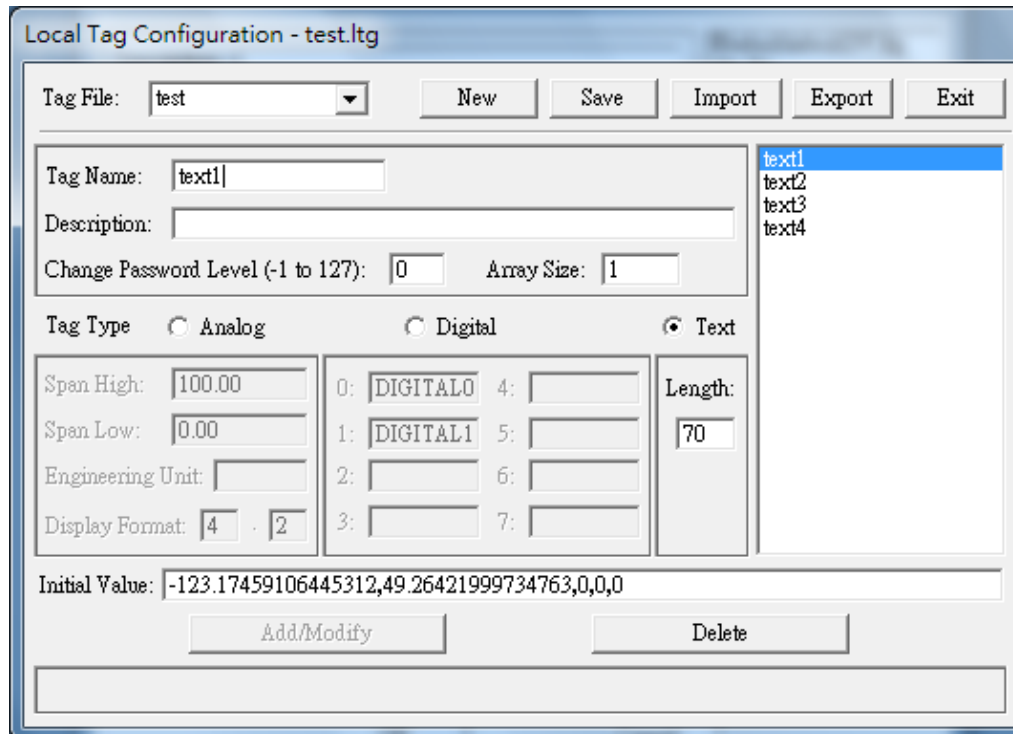
(available in WebAccess V7.2)

- GPS function is based on Google Map function
 - Please complete GPS Integration before starting GPS Integration
- Please refer to WebAccess Engineering User Manual 17.3.3.3 “WebAccess GPS Location Tracking Configuration” for detail setup steps.
- Here only focus on GPS simulation, so you may demo GPS Integration function to other user without actually having a GPS module on hand.

1. Copy **test.ltg** and **gpsJs.js** to c:\webaccess\node\config\Training_20091215\bgr

Note: these three files may be found in “training material”

2. The purpose of having test.ltg is to create four local tags. And we will use these four local tags to simulate four objects on Google Map.



Local Tag Configuration - test.ltg

Tag File: **test** [v] [New] [Save] [Import] [Export] [Exit]

Tag Name: **text1**

Description:

Change Password Level (-1 to 127): **0** Array Size: **1**

Tag Type ☐ Analog ☐ Digital ☒ Text

Span High: **100.00** Span Low: **0.00** Engineering Unit:

Display Format: **4** . **2**

0: **DIGITAL0** 4: Length: **70**

1: **DIGITAL1** 5:

2: 6:

3: 7:

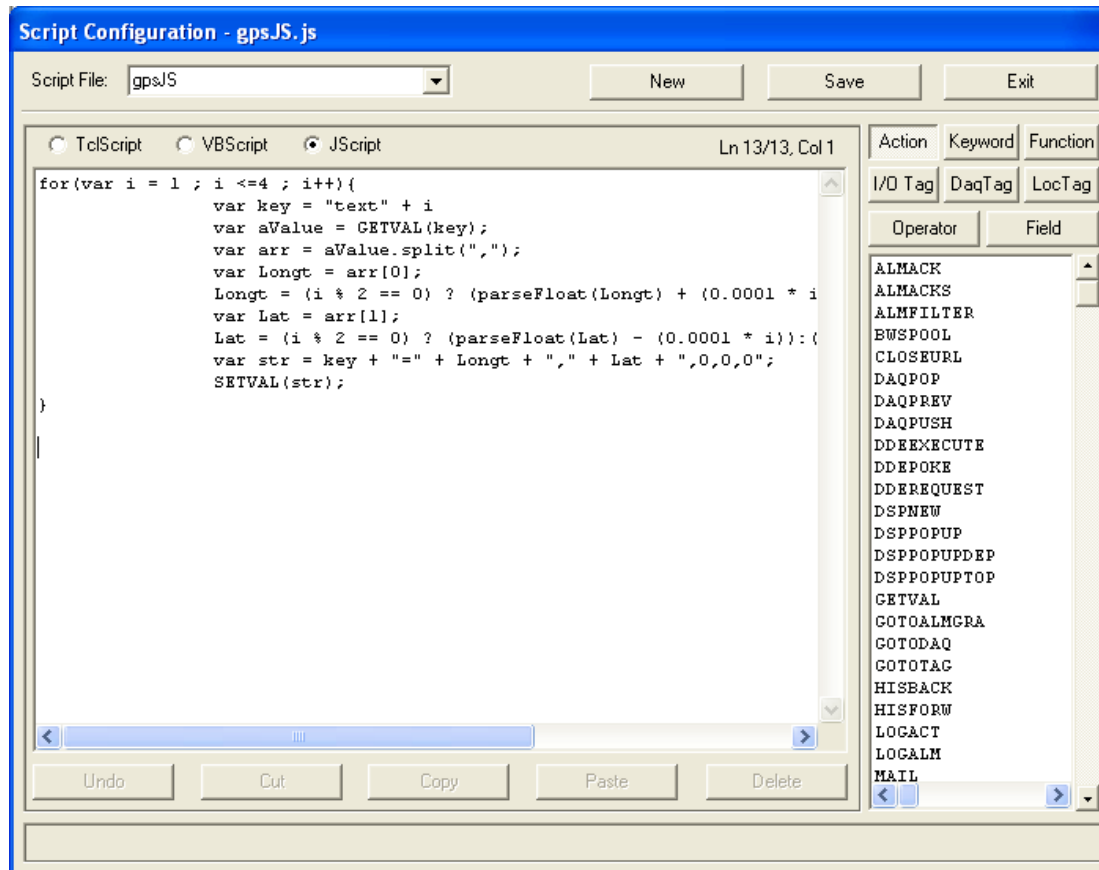
Initial Value: **-123.17459106445312,49.26421999734763,0,0,0**

[Add/Modify] [Delete]

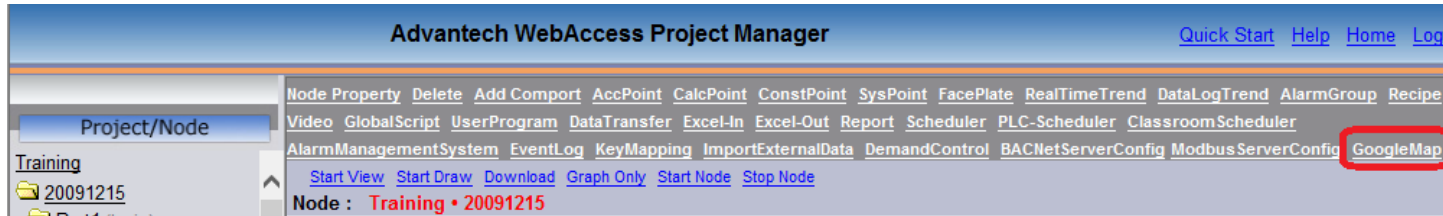
text1
text2
text3
text4

1. gpsJS.js script information

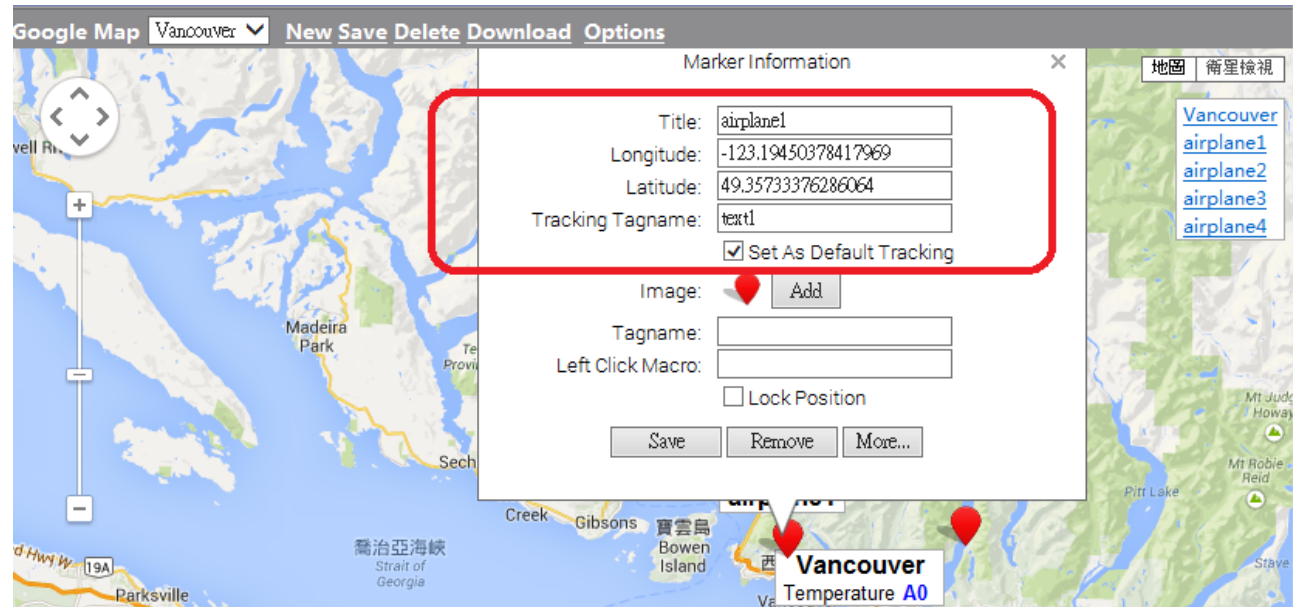
The purpose of gpsJS is to control four tags moving directions.



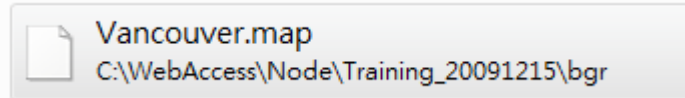
1. Click “GoogleMap” function in SCADA Node



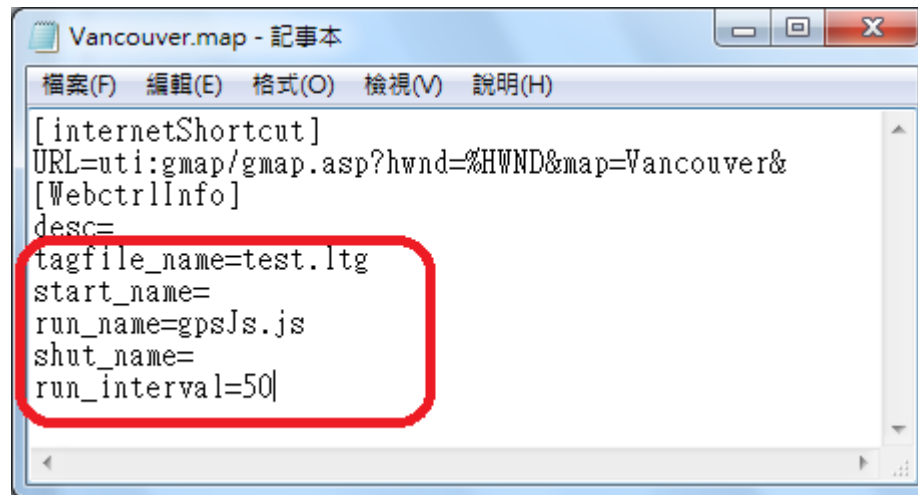
2. Create 4 tags (ex. first tag will be: Title: **airplane1**; Tracking Tagname: **text1**)
click “Set As Default Tracking” if you prefer this tag to be displayed in the center of the Google Map.



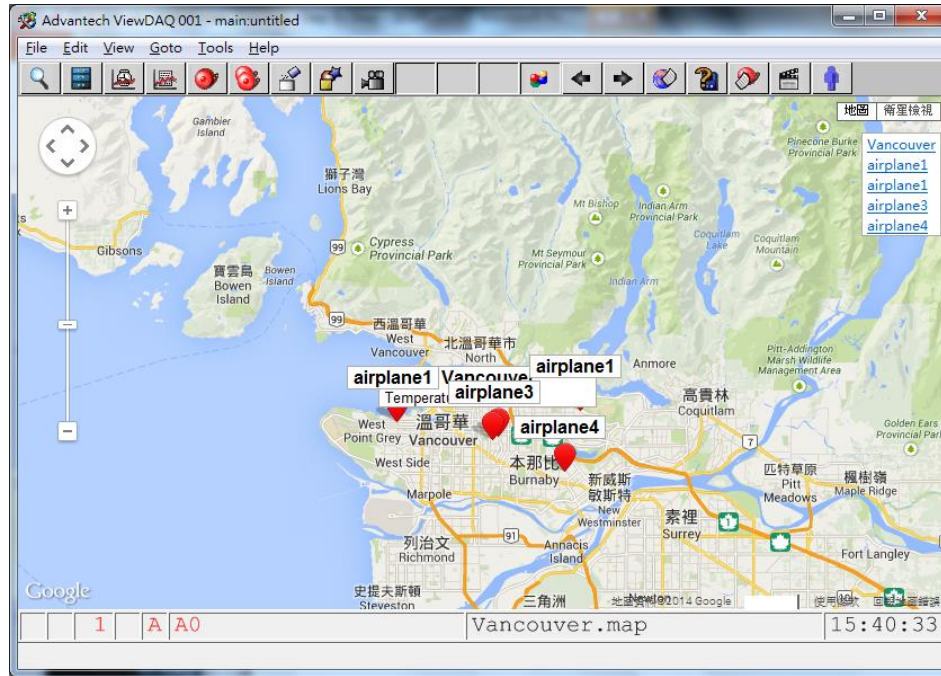
1. Save and download project
2. Use notepad.exe to open c:\webaccess\node\training_20091215



3. Add "test.ltg" in tagfile
4. Add "gpsJs.js" in run_name
5. Add "50" in run_interval



1. Check result: ViewDAQ -> Tools -> Map -> Vancouver.map



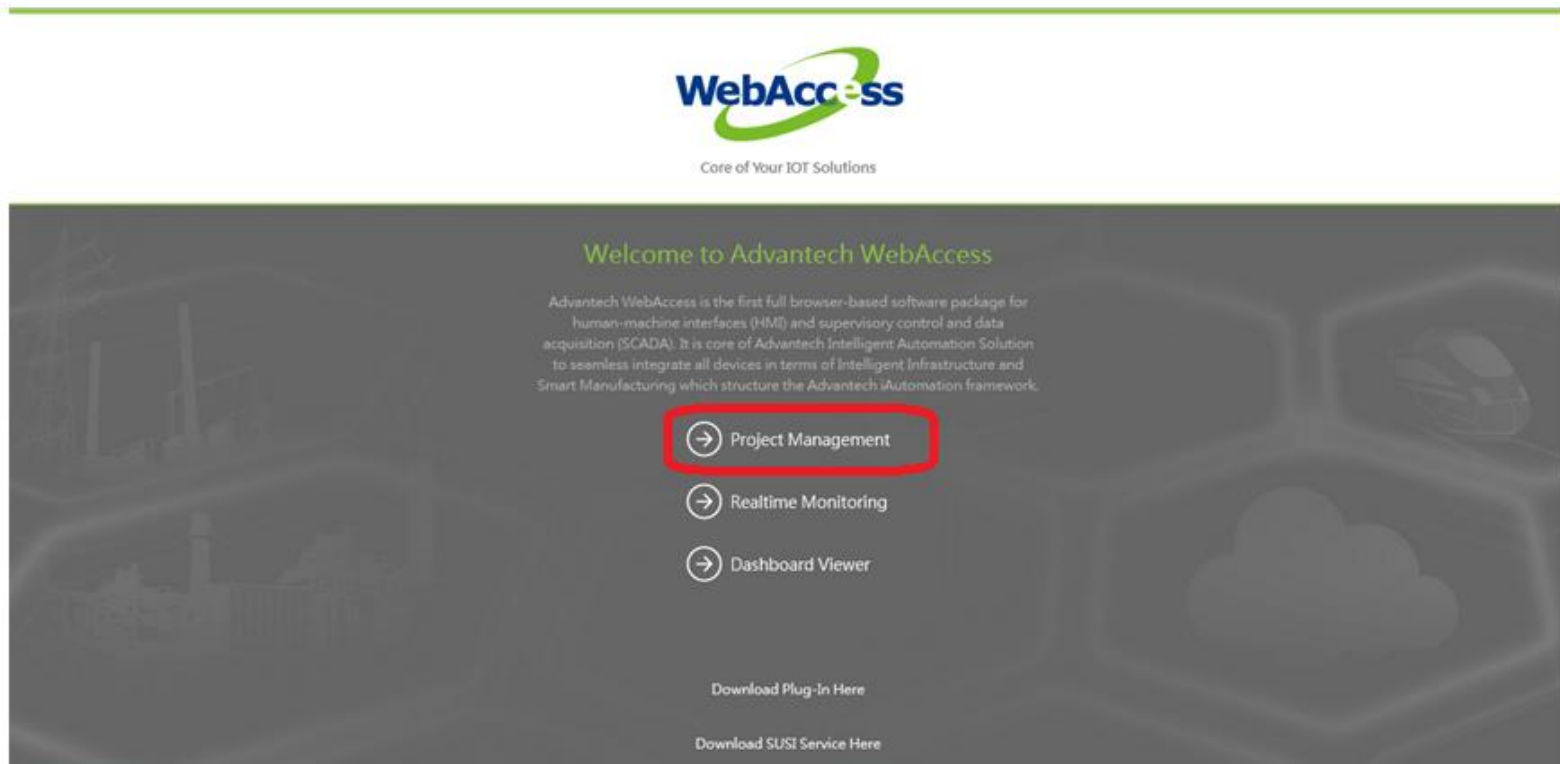
Note: user has to re-modify Vancouver.map everytime user re-download the project.



ADVANTECH

Dashboard

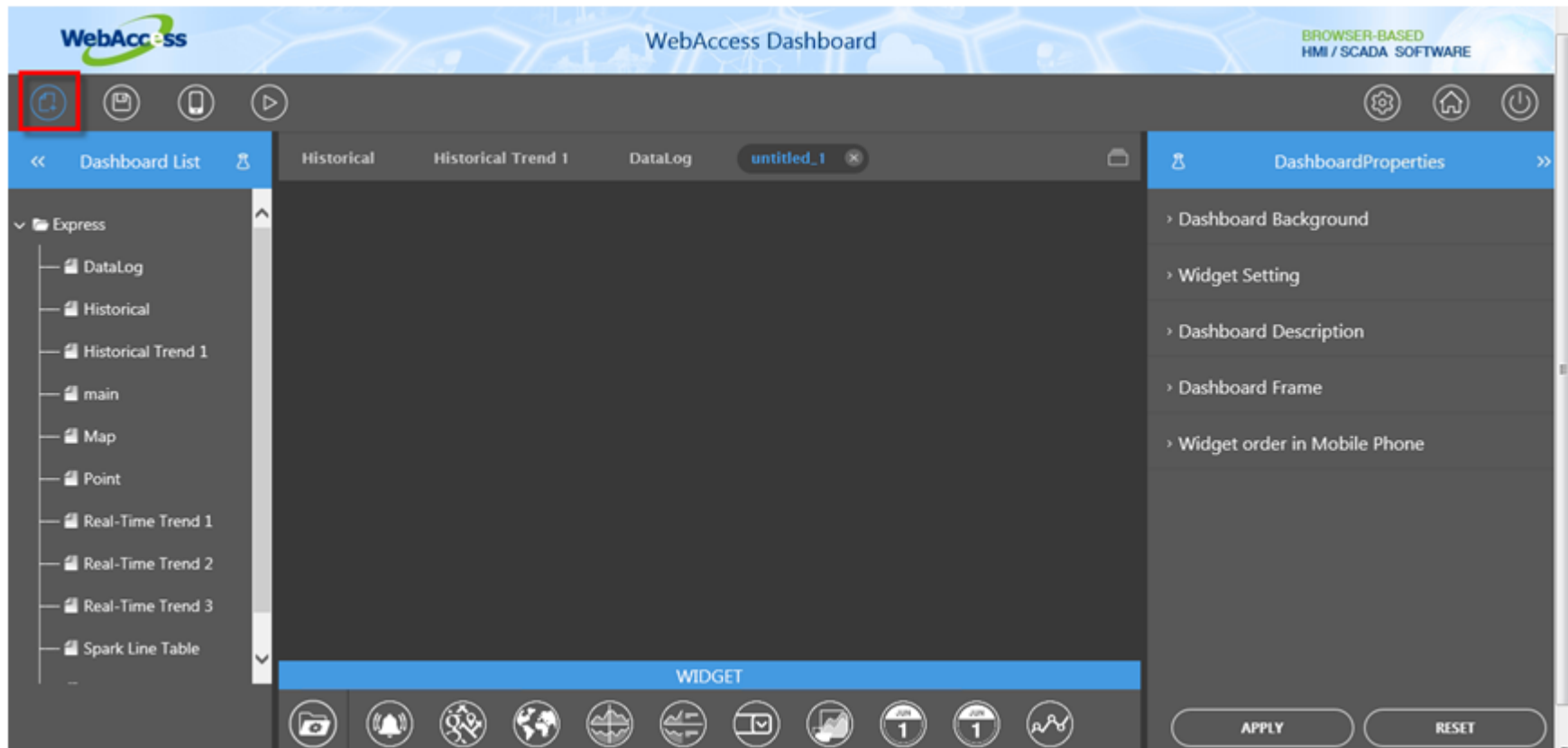
1. Open WebAccess Project Home Page
2. Go to Project Management and Login the Account



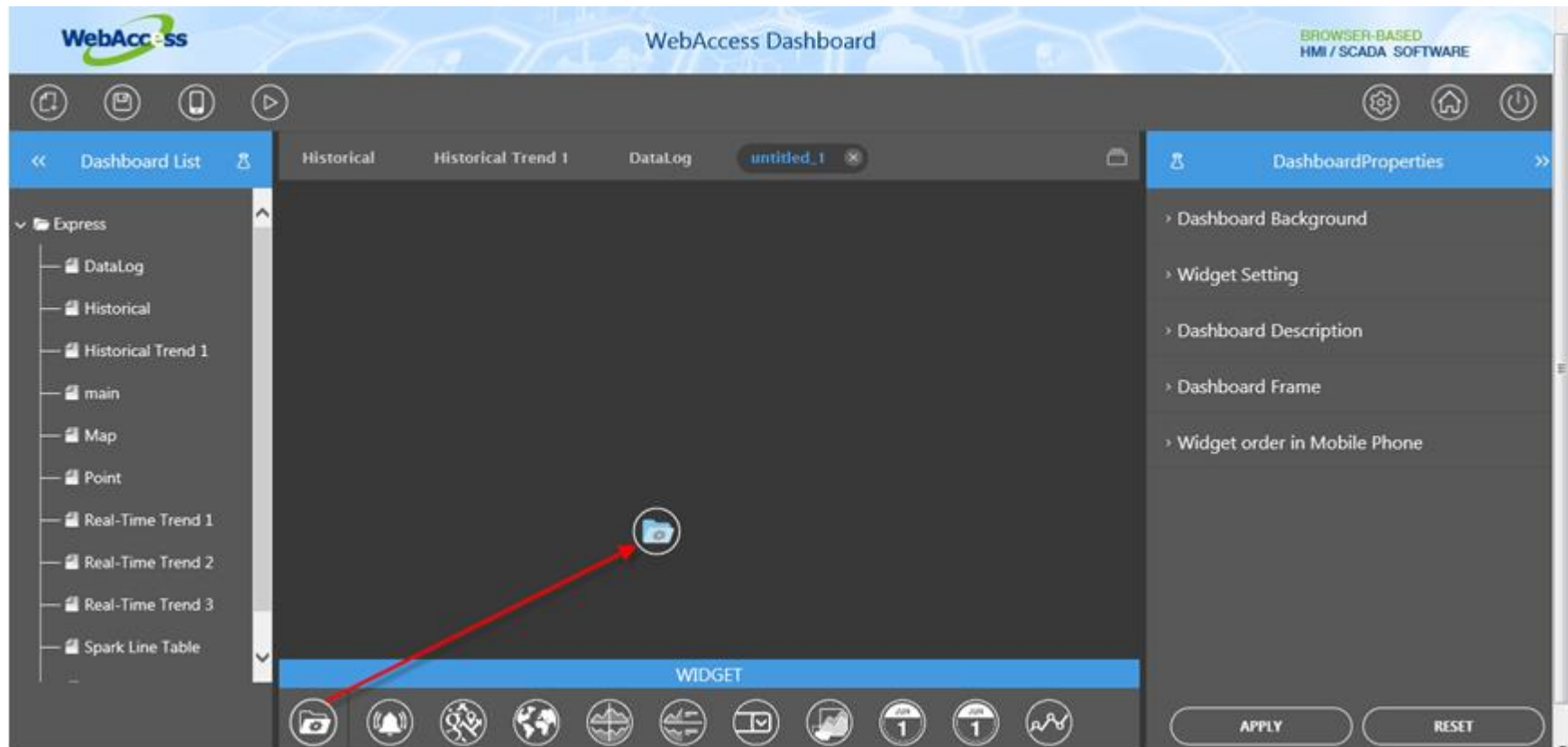
1. Choose the Project and go to Dashboard Edit

| Advantech WebAccess Project Manager | | | | | | | | | |
|---|---------------------------|----------------------|---------------------|-------------|-----------|----------|---------|------------------------|------------------------|
| Quick Start Help Logout | | | | | | | | | |
| Current Project(s) | | | | | | | | | |
| Project Name | Project | Dashboard | Description | IP | HTTP Port | TCP Port | Timeout | Update | Delete |
| DashboardDemo | Configure | Edit | Project Description | 124.9.8.230 | 0 | 0 | 0 | Update | Delete |
| Please select one of above available Projects to start!! | | | | | | | | | |
| Integrity Checking Backup Restore Admin Project User ODBC Log Data Source WebAccess Express
System Log Action Log Alarm Log Analog Tag Log Analog Change Log Discrete Tag Log Text Tag Log Event Log LogData Maintenance | | | | | | | | | |

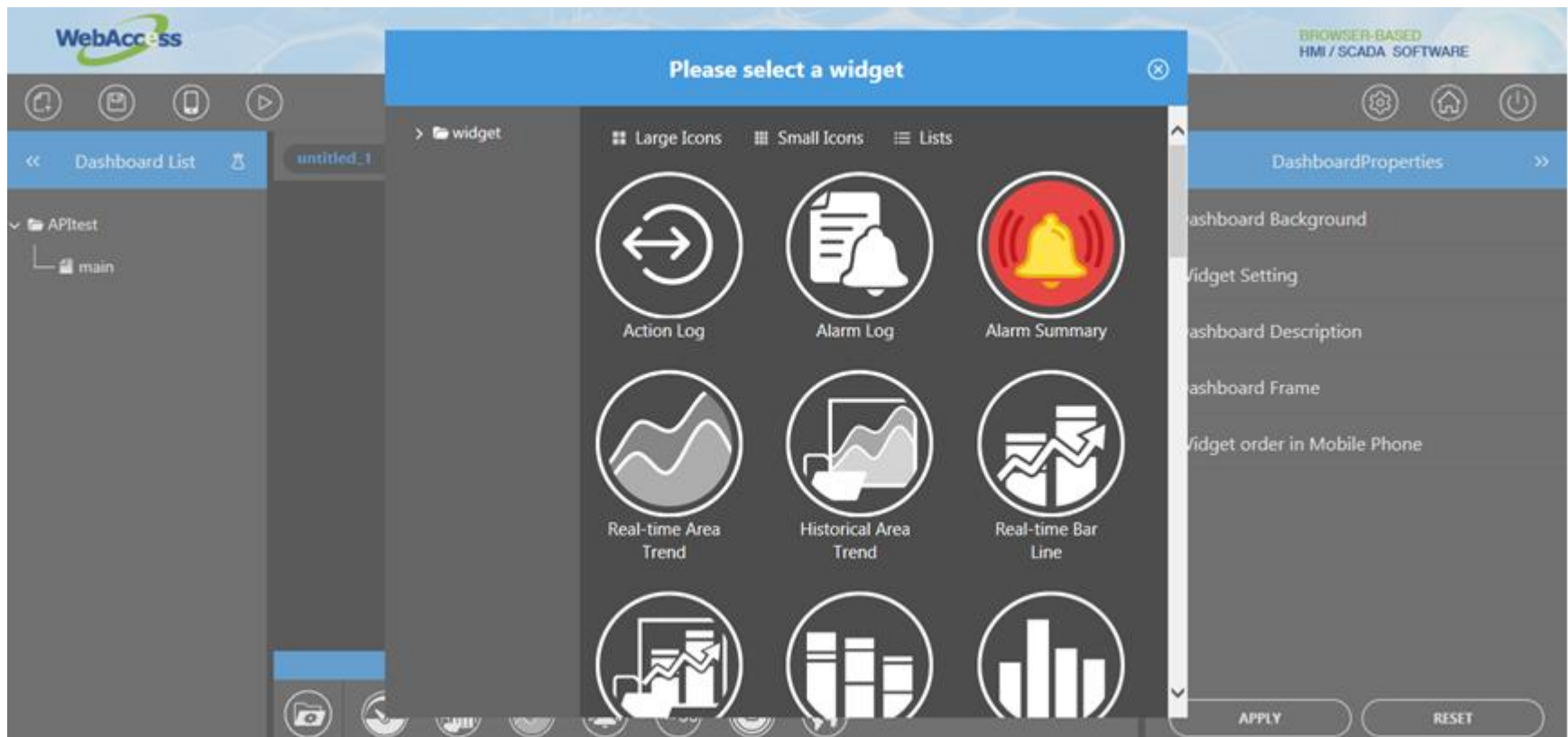
1. Create New Dashboard



1. Drag the Widget Library and Choose widget to edit the Dashboard page in Dashboard Area.



1. Widget Library dialog box will pop up.
2. Drag and drop “Real-time Area Trend” and “Meter” widgets one by one.



1. Config the page with the right pane Properties
2. Setup Time Interval in “Widget Setting”
3. Select the IO tag in “ WebAccess Data Source”
4. Click “**APPLY**” button when these steps are done.



The screenshot displays the WebAccess Dashboard interface. The top header includes the WebAccess logo, the title 'WebAccess Dashboard', and the text 'BROWSER-BASED HMI / SCADA SOFTWARE'. The interface is divided into three main sections:

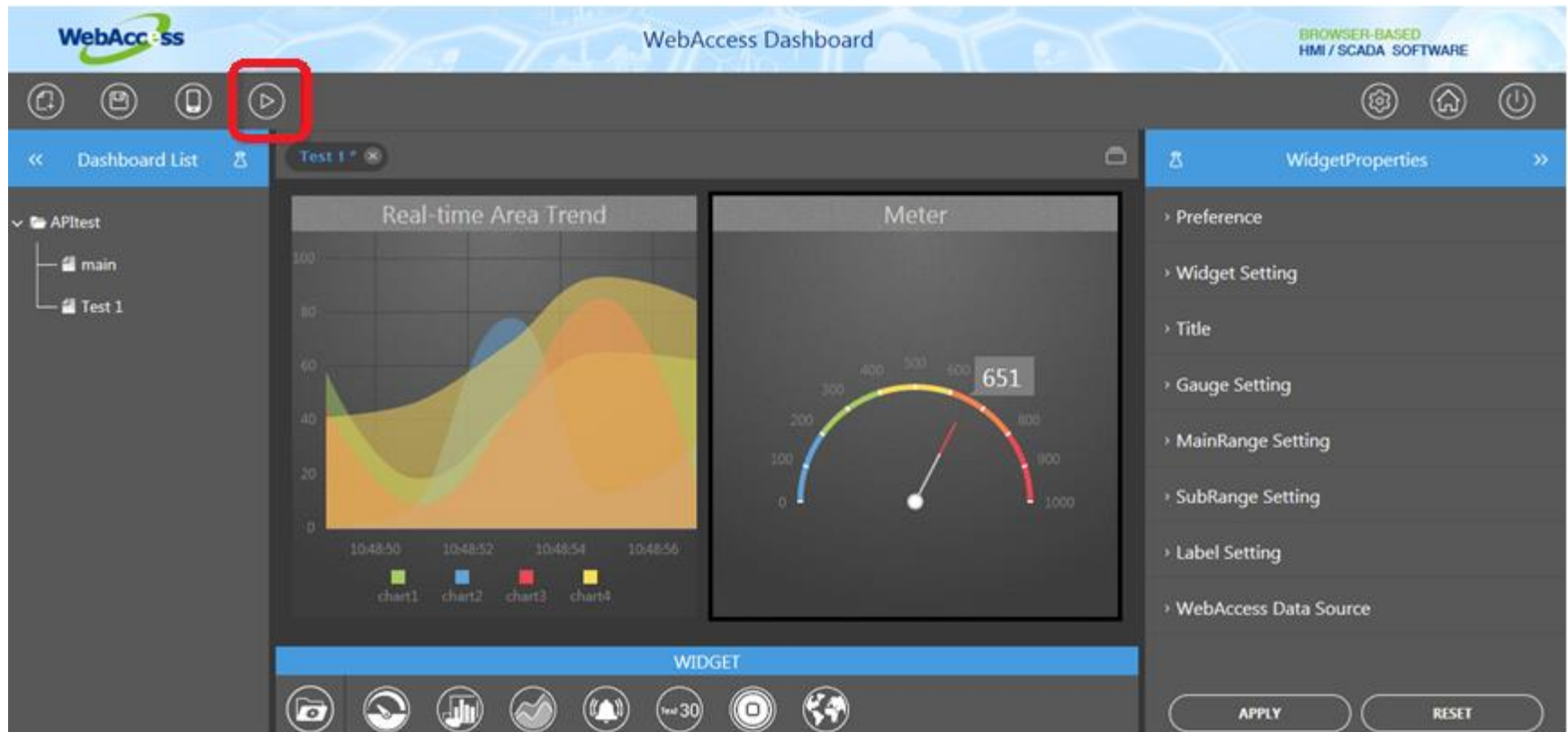
- Left Panel (Dashboard List):** Shows a tree view with 'APTest' expanded, containing 'main' and 'Test 1'.
- Center Panel (Test 1):** Contains two widgets: 'Real-time Area Trend' (a line chart with four data series labeled chart1, chart2, chart3, and chart4) and 'Meter' (a semi-circular gauge showing a value of 651).
- Right Panel (WidgetProperties):** Lists various configuration options for the selected widget. The 'Widget Setting' and 'WebAccess Data Source' options are highlighted with red boxes. The 'APPLY' button at the bottom right is also highlighted with a red box.

The bottom of the interface features a 'WIDGET' toolbar with icons for different widget types and a 'Test 30' button.

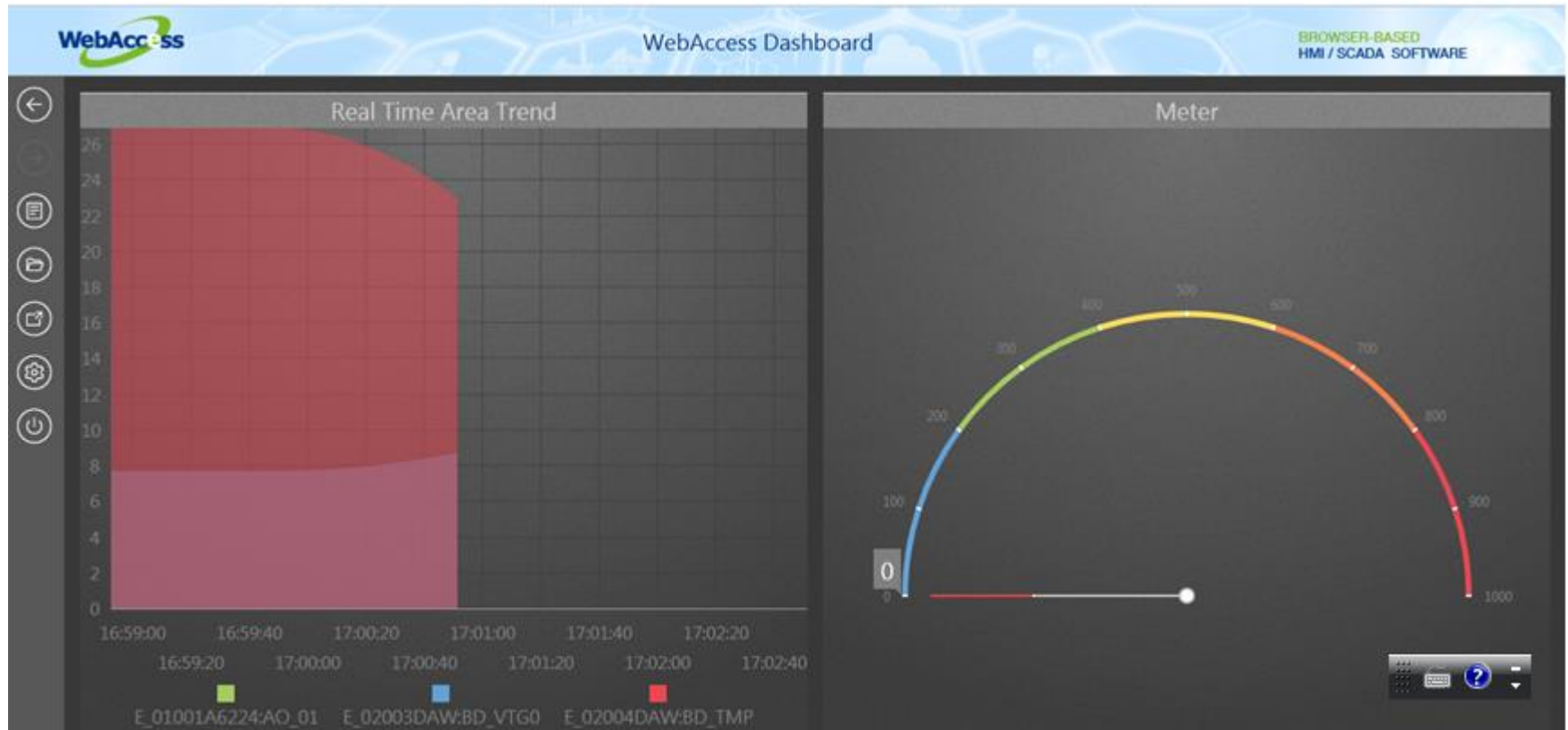
1. Save the Dashboard page
2. “Save Dashboard” dialog box will pop up
3. Enter file name and click “Save” button



1. Go to dashboard Viewer to view the result



1. Result in Dashboard View

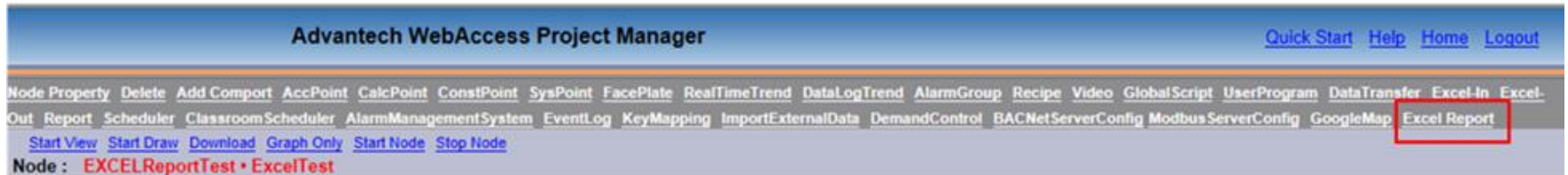




ADVANTECH

Excel Report

1. Start Advantech WebAccess Project Manager.
2. Login with the User Name and Password and select your Project Name.
3. Open the SCADA node.
4. Choose the **EXCEL Report** in SCADA Node : Go to the EXCEL report list page



1. Click **New Report** to create NEW EXCEL report

| Report List | | | | | | | |
|--|------|----------------|----------------|---------------|------------------------|------------------------|--------------------------|
| Report List New Report Template List New Template | | | | | | | |
| Report Name | View | Template | Report Type | Time Interval | Update | Delete | Generate |
| Test1 | | template4.xlsx | Multi-Time | 3 Minute | Update | Delete | Generate |
| Daily Report | | template4.xlsx | Daily Report | 1 Minute | Update | Delete | |
| Weekly Report | | template1.xlsx | Weekly Report | 3 Minute | Update | Delete | |
| Test2 | | Rows Temp.xlsx | Self-Defined | 1 Minute | Update | Delete | Generate |
| Rows Test | | Rows Temp.xlsx | Self-Defined | 1 Minute | Update | Delete | Generate |
| Monthly Report | | template2.xlsx | Monthly Report | 30 Minute | Update | Delete | |

1. Configure the Report information
2. Enter Report Name
3. Select “self-defined” in Report Type, then setup range in “Start” and “End”
4. Setup “Time Interval” and “Time Unit”. Here use 10 minutes as an example
5. Select Data Type and tag(s)

Report List New Report Template List New Template

New Report

| | | | |
|---------------|---|-----|---|
| Template | template1.xlsx | | |
| Report Name | EXCELReport | | |
| Report Type | Self-Defined | | |
| Start | 2014-06-11 00:00 | | |
| End | 2014-06-12 00:00 | | |
| Time Interval | 10 | | |
| Time Unit | <input type="radio"/> Second <input checked="" type="radio"/> Minute <input type="radio"/> Hour <input type="radio"/> Day | | |
| Data Type | <input checked="" type="radio"/> Last Value <input type="radio"/> Maximum <input type="radio"/> Minimum <input type="radio"/> Average | | |
| Tag | a06
a07
a08
a09
a10
a11
a12
a13
a14
a15 | < > | a01
a02
a03
a04
a05
^
v |

[Cancel] Submit

1. Click "Submit" button to save the configuration

Report List [New Report](#) [Template List](#) [New Template](#)

New Report

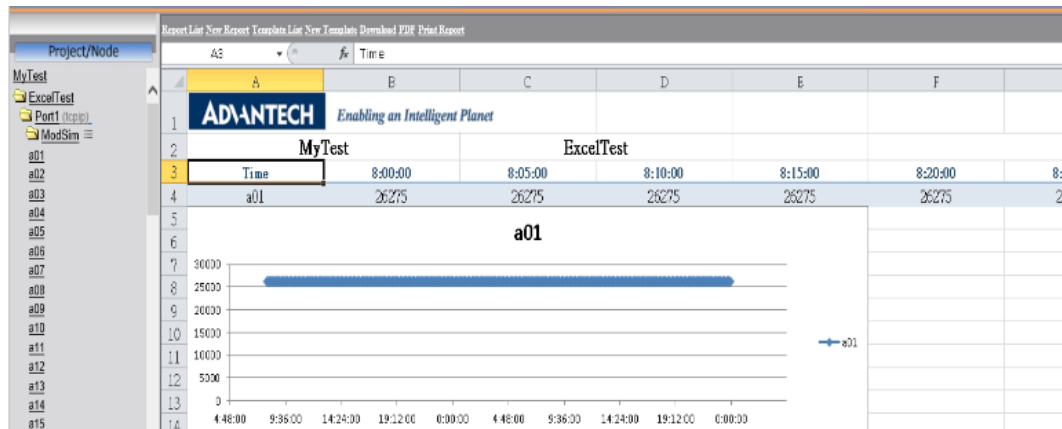
| | |
|---------------|--|
| Template | template1.xlsx |
| Report Name | EXCELReport |
| Report Type | Self-Defined |
| Start | 2014-07-01 00:00 |
| End | 2014-07-12 00:00 |
| Time Interval | 1 |
| Time Unit | <input type="radio"/> Second <input checked="" type="radio"/> Minute <input type="radio"/> Hour <input type="radio"/> Day <input type="radio"/> Month |
| Data Type | <input checked="" type="radio"/> Last Value <input type="radio"/> Maximum <input type="radio"/> Minimum <input type="radio"/> Average |
| Tag | <div> <div> a01
 a02
 a03
 a04
 a05
 a06
 a07
 a08
 a09
 a10 </div> <div> >
< </div> <div> a01
 a02
 a03
 a04
 a05
 a06 </div> <div> ^
v </div> </div> |

[Cancel] **Submit**

1. Clicking Generate to generate the Report. If the report has been generated, the report link is shown in the View column

| Report List | | | | | | | |
|----------------|---|----------------|----------------|---------------|------------------------|------------------------|--------------------------|
| Report Name | View | Template | Report Type | Time Interval | Update | Delete | Generate |
| Test1 | | template4.xlsx | Multi-Time | 3 Minute | Update | Delete | Generate |
| Daily Report | Daily Report 20140617 ex.xlsx | template4.xlsx | Daily Report | 1 Minute | Update | Delete | |
| Weekly Report | | template1.xlsx | Weekly Report | 3 Minute | Update | Delete | |
| Test2 | | Rows Temp.xlsx | Self-Defined | 1 Minute | Update | Delete | Generate |
| Rows Test | | Rows Temp.xlsx | Self-Defined | 1 Minute | Update | Delete | Generate |
| Monthly Report | Monthly Report 201406 ex.xlsx | template2.xlsx | Monthly Report | 30 Minute | Update | Delete | |
| EXCEL Report | | template1.xlsx | Self-Defined | 10 Minute | Update | Delete | Generate |

2. Excel Report result:



THANK YOU!

