Advantech AE Technical Share Document

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Category	■ FAQ ☐ SOP	Related OS	Microsoft Windows7
Abstract	How can remote PC visit SCADA Node that with Fixed Public IP Address.		
Keyword	SCADA Node Fixed Public IP Address.		
Related Product	N/A		

■ **Problem Description:**

How can we may use notebook or desktop PC remotely visit SCADA Node that with Fixed Public IP Address. The Picture1 display the SCADA structure.

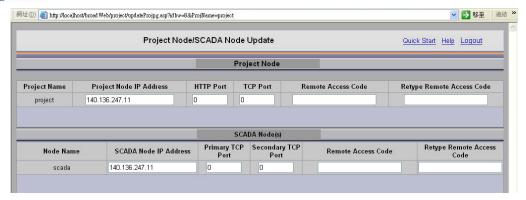**Picture1:** Project Node and SCADA Node have Fixed Public IP Addresses

■ **Problem Analysis:**

We have to setup ADSL in order for remote user to visit WebAccess.

■ **Brief Solution - Step by Step:**

1. When users create Project Node and SCADA Node, they usually require entering both Project Node and SCADA Node IP Addresses. Based on different network structure, they have to enter Public IP Address or Private IP Address. In this example, we will talk about entering Fixed Public IP Address in both Project Node and SCADA Node.

2. The Project Node and SCADA Node are installed in the same computer. The IP Address is Fixed IP Address.

3. First, we have to understand how WebAccess works in network.
   i. Remote PC sends SCADA Node monitoring requirement to Project Node
   ii. Project Node returns SCADA Node IP Address to Remote PC
   iii. Remote PC automatically connects to SCADA Node.

4. In this case, both Project Node and SCADA Node have to enter Fixed Public IP Address.

Picture2: IP Addresses for Project Node and SCADA Node

■ **Reference**:
1. WebAccess User Manual 1.6.1 Firewalls