Install & Configure Solution 2000/3000 IP Module

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NB:
To connect your Solution 2000/3000 alarm panel to IP, you must select one of the 2 methods explained here – via
a)   web browser
                OR
b)   A-Link Plus software.

The Bosch Remote Security Control App setup works with either of these connectivity methods.

There are some versions of Windows that can cause the Certificate Builder to fail to authenticate when then correct password is used. If this occurs, you need to install a Microsoft Office hotfix.

Go to http://www.microsoft.com/en-us/download/details.aspx?id=23734.

A) Install & Configure Solution 2000/3000 IP Module via Web Browser

You will need:
• A computer
• A network cable (ie – Cat5e patch cable or similar)

Stage 1 - Hardware Installation

1
• Power down the system
• Connect the B426 IP module to the panel using the supplied SDI2 cable or the wiring terminals

2
• Set the rotary address switch on the B426 IP module to address "9"
• Move the jumper on the B426 IP module from the "Tamper" link to the "Mode" link
• Power up the system

3
• On the keypad, enter installer mode (default is [1] [2] [3] [4] [#])
• **On the icon keypad or 7" touchscreen:**
  • Enter [8] [1] [#] to access programming location 0081
  • Enter [1] [*] [#] to enable the IP Module
  • Enter [9] [6] [0] [#] to exit programming
• **On the text keypad or 4.3" touchscreen:**
  • Enter [7] [2] [1] [#] to program IP Module 1
  • Enter [1] [#] to enable the IP Module
  • Press and hold [-] then press [#] to save and exit programming• Enter [1] [#] to enable the IP Module
  • Press and hold [-] then press [#] to save and exit programming

Stage 2 - IP Module Connection

1
• Connect your computer to the RJ-45 port of the IP module using a network cable

2
• On your computer, set up your Local Area Network Connection with the following TCP/IP values:
  • IP Address: 169.254.1.2
  • Subnet Mask: 255.255.0.0

3
• On your computer, open a web browser and enter the address "169.254.1.1"
• You will be challenged for a password, the default password is "B42V2"

Stage 3 - IP Module Connection

1
• On the main page of the IP Module setup, enter the desired network information (IP Address, Subnet Mask, and Gateway)
• Click "OK"

2
• Go to the Encryption and Security Tab
• Enable "Web & Automation Security"
• Click "OK"
• Click "Save and Execute"

3
• Disconnect your computer from the IP Module, and connect the IP Module to the Local Area Network
• Move the jumper on the IP Module from the "Mode" link to the "Tamper" link
• Set the rotary address switch on the IP Module to address "1"

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B) Install & Configure Solution 2000/3000 IP Module via A-Link Plus

You will need:
• A computer with A-Link Plus 4.7 or above installed (available from au.boschsecurity.com)
• A network cable (ie – Cat5e patch cable or similar)

Stage 1 - A-Link Plus Setup

1
• Open A-Link Plus and login (default Operator and Password are "ADMIN")
• From the top menu bar, select Customer > New Customer
• On the customer information screen you must enter a Customer Number, Customer Name, the Control Panel IP Address (the one you intend to use for the IP Module)
• Select "Go to Next Page" from the icon menu bar

2
• Under Control Panel Type, select either Solution 2000_V1.10 or Solution 3000_V1.10
• Select "Go to Next Page" from the icon menu bar

3
• Under Communication Model, select Direct Connect
• Connect the Direct Link Adapter to your PC's USB port, and connect the other end in to the SDI2 BUS port on the panel
• Click "Connect"
• If prompted, select to keep the Panel Database. This will transfer the settings from the panel to A-Link Plus

Stage 2 - IP Module Setup

1
• Select Control Panel Configuration on the left side of A-Link Plus
• In the menu tree, find "Network Config" under "Comm"
• Edit the parameter "Network Module 1" to "Use and configure"

2
• In the menu tree, find "Basic Network Settings" under "Network module programming" > "Module 1#"
• Change DHCP/AutoIP Enable to "Disable"
• Change the values for "Module's IPv4 Static Address", "IPv4 Subnet Mask" and "IPv4 Default Gateway" to the desired values
• Click the "Save Data" icon from the top menu bar
• Select "Go to Next Page" from the icon menu bar
• Click on "Download to Control Panel"

C) Create Panel Certificate for Bosch Remote Security Control App

You will need:
• A computer with A-Link Plus 4.7 or above and Bosch Remote Certificate Builder installed (both available from au.boschsecurity.com)
• An internet connection where the modem / router has had port 7700 forwarded to the Network IP Address of the IP Module
• An IOS or Android smart phone or tablet

Stage 1 - Setup A-Link Plus and Remote Certificate Builder

1
• Ensure that the panel is created in A-Link Plus (following the instructions on this page)
• If you need to connect to the panel from an external IP address, change the IP address on the Customer Information page but NOT the Control Panel Configuration page to the external IP address

2
• Close A-Link Plus and open Bosch Remote Certificate Builder
• Select "Database Setup" and then "Manage" for the A-Link Database
• Browse to the location of the A-Link Plus Database (default is C:\ Program Files (x86)\Bosch Security Systems\A-Link Plus\Database"
• Select OK
• Log on to Remote Certificate Builder using your A-Link Plus login (default User Name and Password are "ADMIN")

Stage 2 - Create Remote Certificate

1
• Select the panel you want to build a certificate for then select "Build Certificate"
• Select the desired user and select "Next"
• Select "Ethernet (wired network) and select "Next"
• Select the start and end dates for the certificate. Note that connection will not be possible if either the panel or the phone's dates are outside of this range. Select "Next"
• If you have a shell enabled Email program such as Outlook on the computer, select
• Create Email, otherwise select Open File Location where you will find the attachment to email to the user

2
• On the tablet or phone, download and install "Bosch RS Control", available from the iTunes Store or Google Playstore
• Open the email with the Certificate on the phone and select the Certificate
• Select "Open in RS Control"

3
• Open RS Control, select Certificates, and then the newly received certificate
• Enter the user's code and select "Connect to Panel"