Using Wi-Fi in the Village Hall

Your attempt to connect will probably not correspond one-to-one to the steps listed below. That is because exactly what happens depends on both the state of the little box on the wall and what your own device remembers about previous encounters with local wi-fi access points. If you are used to connecting to unfamiliar wi-fi systems in strange places, then this apparent indeterminacy will not faze you. If you are not used to it, then you may want to have someone experienced sitting next to you, at least for your first attempt. These instructions are a 'fake book', not a fully notated piece of music.

The instructions are long and complicated. You will save yourself some frustration if you read them before you take your laptop or tablet to the Village Hall. Make sure you take a paper copy with you. Also a pen so that you can scribble notes in the margins for future reference. When printed, these instructions are five pages long. The first two pages are just text (so you may choose to print these alone) and the final three pages are screenshots — these will be easier to parse if you print them in colour.

1. Turn on wi-fi on your device and look for available SSIDs.
2. You should see only one — **village_hall** — connect to this.
3. If you are asked for login credentials at this stage, then use *admin/admin* (user name/password).
4. Start a web browser and attempt to connect to the following URL:

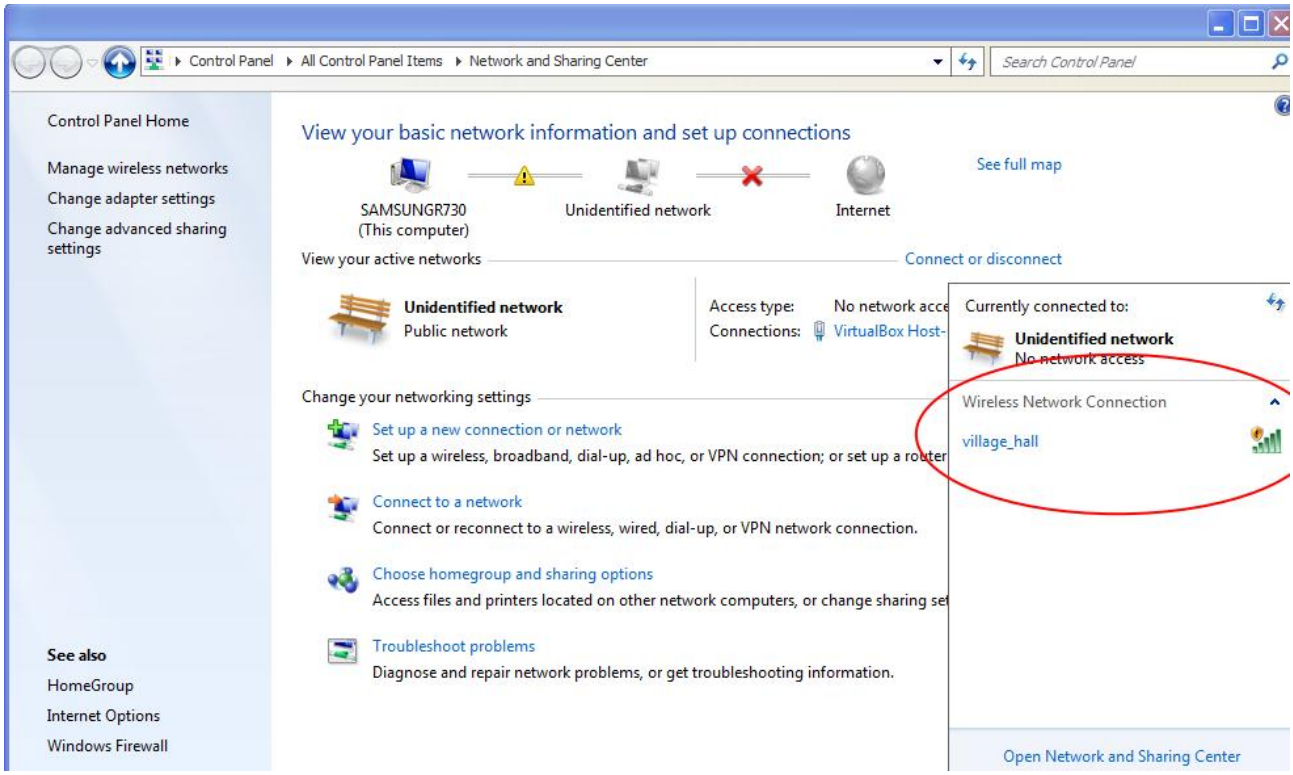
   http://192.168.50.1/home.asp [the 'home.asp' bit *cannot* be omitted]

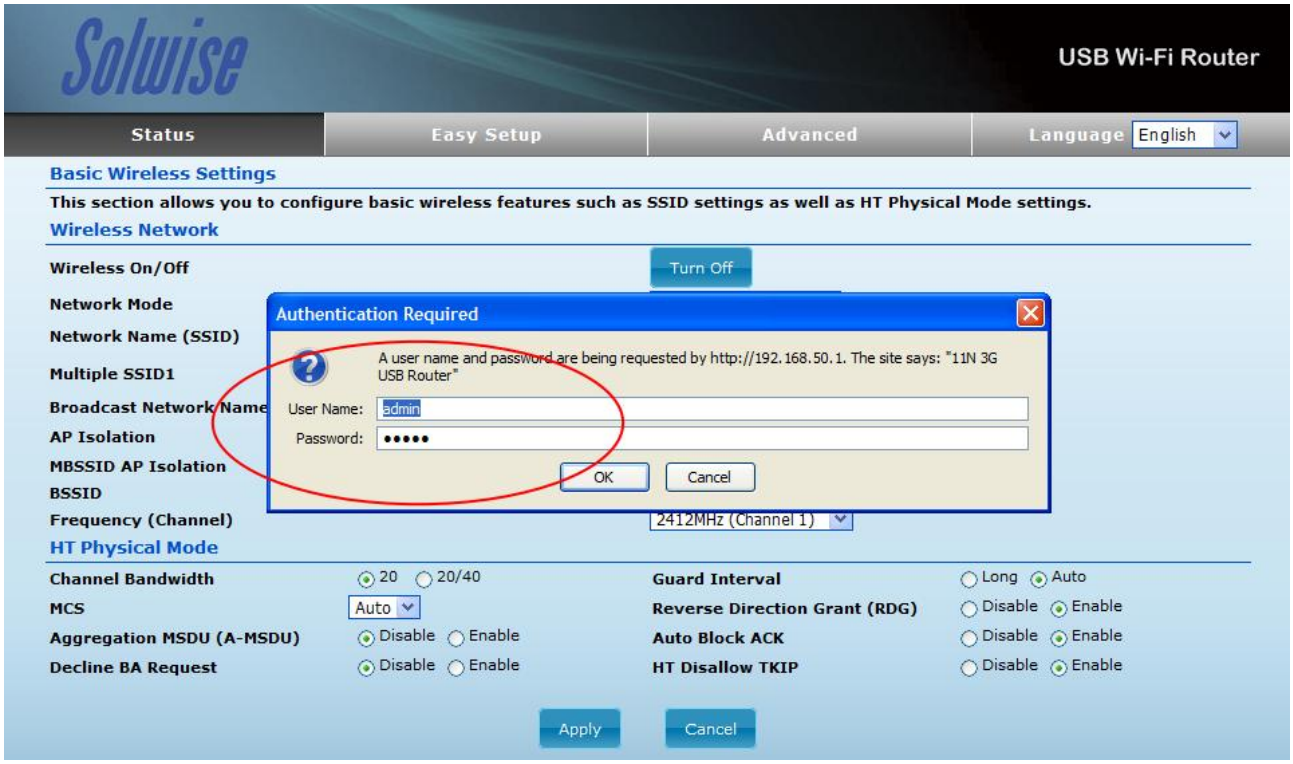
5. If you are asked for login credentials at this stage, then use *admin/admin* (user name/password). If a BT login page magically appears, then proceed immediately to step 10, below. If not, then ..
6. You should now be looking at the status page of the wi-fi relay that is attached high on the east wall of the Village Hall, near the radiant heater. You should remain on the status page throughout. Do not move to the 'Easy Setup' or 'Advanced' tabs — you will only make things worse. All the settings that you actually need can be selected from the pages that pop up from the status page.
7. There is a blue button on the status page that offers to 'Change Profile'. Click this. A spreadsheet-like table should appear that lists wi-fi routers that can be 'seen' from the antenna on the Village Hall roof. At bottom right there is a blue 'Site Survey' button. You should click this to update the data shown in the table.
8. Click the 'Signal' box in the top line of the table. The entries will re-sort themselves by strength of signal.
9. You are only interested in BT routers that are listed with 'None' in the 'Authentication' column. Choose one of them (e.g., the one with the highest ranked signal strength)*. Then click the 'Save' button at the bottom of the page. Wait for the red flashing text 'Disconnected/Connecting' to change to blue 'Connected'.
10. Open a new tab in your browser and attempt to reach any website (e.g., Google). The BT

WiFi login page should appear. If it does not, go back to step 4, above, and try and reconnect. The BT login page will ask you what sort of credentials you have. You need to tell it what scheme you belong to: *BT Broadband*, *BT Business Broadband*, *BT WiFi*, *FON*, or *Vodafone UK* (the two non-BT options may be hard to locate in the menu system). Tick the relevant check box corresponding to the credentials you have. You will then need to provide the relevant user name and password. If you do not yourself have suitable credentials then you will need to use those of some member of your group who does (make sure of this before your group meets in the hall). If all else fails, BT will be happy for you to pay for access with a credit or debit card.

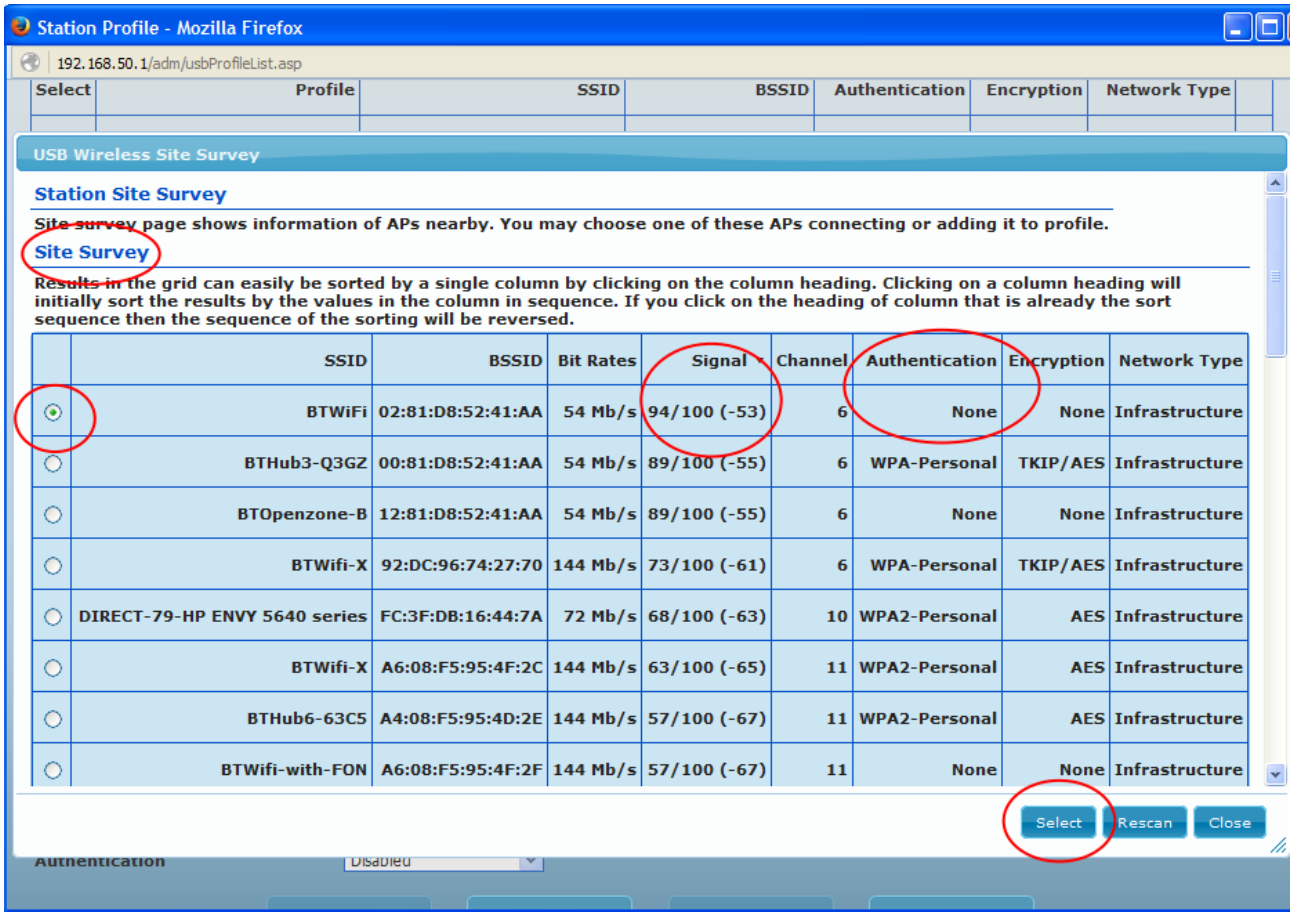
11. You should now be connected to the internet and able to do all the things that one normally does once connected including visiting AOL and CompuServe, listening to a Metallica MP3 courtesy of Napster, searching Usenet, downloading files with FTP, updating one's MySpace page, surfing the worldwide web and exchanging electronic mail with fellow netizens.
12. Other users in your group should now also be able to access the internet with their own devices by simply connecting to **village_hall** so long as you remain logged in. They will not need to go though the rigmarole described above.
13. Note that the wi-fi network within the Village Hall is not secure. A malign member of your group, with the relevant expertise, will be able to monitor what you are doing on your device.

*The **village_hall** SSID may well be visible in the list. Ignore it! If you live near the Village Hall then you may also see the SSID of your own router listed and be tempted to log into it just as if you were at home. This would be unwise. You risk leaving the relay in a state that will allow a later visitor to access your private domestic network (and thence the computers attached to it).


Control Panel ▸ All Control Panel Items ▸ Network and Sharing Center
Search Control Panel
Control Panel Home
Manage wireless networks
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
See full map
SAMSUNGR730 (This computer)
Unidentified network
Internet
View your active networks
Connect or disconnect
Unidentified network
Public network
Access type: No network acce
Connections: VirtualBox Host-
Currently connected to:
Unidentified network
No network access
Wireless Network Connection
village_hall
Change your networking settings
Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router
Connect to a network
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
Choose homegroup and sharing options
Access files and printers located on other network computers, or change sharing se
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall
Open Network and Sharing Center


Solwise
USB Wi-Fi Router
Status
Easy Setup
Advanced
Language English
Basic Wireless Settings
This section allows you to configure basic wireless features such as SSID settings as well as HT Physical Mode settings.
Wireless Network
Wireless On/Off
Turn Off
Network Mode
Network Name (SSID)
Multiple SSID1
Broadcast Network Name
AP Isolation
MBSSID AP Isolation
BSSID
Frequency (Channel)
2412MHz (Channel 1)
Authentication Required
A user name and password are being requested by http://192.168.50.1. The site says: "11N 3G USB Router"
User Name: admin
Password: •••••
OK
Cancel
HT Physical Mode
Channel Bandwidth
20
20/40
MCS
Auto
Aggregation MSDU (A-MSDU)
Disable
Enable
Decline BA Request
Disable
Enable
Guard Interval
Long
Auto
Reverse Direction Grant (RDG)
Disable
Enable
Auto Block ACK
Disable
Enable
HT Disallow TKIP
Disable
Enable
Apply
Cancel

Solwise
USB Wi-Fi Router
Status
Easy Setup
Advanced
Language English
Internet Configuration
Connected Type USB-WLAN(DHCP)
Connected Status Connected
WAN IP Address 10.253.69.130
Subnet Mask 255.255.255.240
Default Gateway 10.253.69.129
Primary Domain Name Server 8.8.8.8
Secondary Domain Name Server 8.8.4.4
MAC Address 00:C0:CA:95:EE:6D
USB Wireless Adapter Information
Network Mode Infrastructure
Wifi Link Status Ralink STA
Network Name (SSID) BTWiFi
Unique ID (BSSID) 02:81:D8:52:41:AA
Link Quality 54%
Signal Strength -59 dBm
Connection Speed 65 Mb/s
Change Profile
Security Settings
Authentication Disabled
Encryption Disabled
LAN Configuration
LAN IP Address 192.168.50.1
LAN Netmask 255.255.255.0
MAC Address 00:C0:CA:8C:1D:08
System Info
Firmware Version v1.2.1.8(Dec 1 2015)
System Time Mon, 23 Apr 2018 15:16:28
Operation Mode Router Mode


Station Profile - Mozilla Firefox
192.168.50.1/adm/usbProfileList.asp
Select Profile SSID BSSID Authentication Encryption Network Type
USB Wireless Site Survey
Station Site Survey
Site survey page shows information of APs nearby. You may choose one of these APs connecting or adding it to profile.
Site Survey
Results in the grid can easily be sorted by a single column by clicking on the column heading. Clicking on a column heading will initially sort the results by the values in the column in sequence. If you click on the heading of column that is already the sort sequence then the sequence of the sorting will be reversed.
SSID BSSID Bit Rates Signal Channel Authentication Encryption Network Type
BTWiFi 02:81:D8:52:41:AA 54 Mb/s 94/100 (-53) 6 None None Infrastructure
BTHub3-Q3GZ 00:81:D8:52:41:AA 54 Mb/s 89/100 (-55) 6 WPA-Personal TKIP/AES Infrastructure
BTOpenzone-B 12:81:D8:52:41:AA 54 Mb/s 89/100 (-55) 6 None None Infrastructure
BTWifi-X 92:DC:96:74:27:70 144 Mb/s 73/100 (-61) 6 WPA-Personal TKIP/AES Infrastructure
DIRECT-79-HP ENVY 5640 series FC:3F:DB:16:44:7A 72 Mb/s 68/100 (-63) 10 WPA2-Personal AES Infrastructure
BTWifi-X A6:08:F5:95:4F:2C 144 Mb/s 63/100 (-65) 11 WPA2-Personal AES Infrastructure
BTHub6-63C5 A4:08:F5:95:4D:2E 144 Mb/s 57/100 (-67) 11 WPA2-Personal AES Infrastructure
BTWifi-with-FON A6:08:F5:95:4F:2F 144 Mb/s 57/100 (-67) 11 None None Infrastructure
Select Rescan Close
Authentication Disabled

BT

Get connected to BT Wi-fi

Already a customer? Log in now

Account: BT Wi-fi (incl. BT Openzone)

- BT Wi-fi (incl. BT Openzone)
- BT Broadband
- BT Business Broadband
- Vodafone UK

Username

Password

Log in

Having trouble logging in?

Not already a customer? Buy instant access now

1 hour	1 day	5 day (Great value)	30 day
£4	£10	£25	£39
	Under 42p per hour	Under 21p per hour	Under 6p per hour
Buy	Buy	Buy	Buy

Download our apps

Download the BT Wi-fi app to connect while you're on the move.

Find out more >

BT You are connected to a BT Wi-fi hotspot

fon

Are you a BT or Fon customer? Login to wi-fi now

○ BT Broadband ○ BT Business Broadband ○ BT Wi-fi ◉ Fon

BT Broadband Login

BT ID: This is usually your email address

Password

Login Having trouble logging in?

Please check you have entered your username/password correctly

BT Wi-fi Login

Username

Password

Login Having trouble logging in?

Please check you have entered your Username/Password correctly

FON Login

Email address: [redacted]

Password: ••••••••••••

Login Having trouble logging in?

Please check you have entered your Username/Password correctly

Fon customers login here