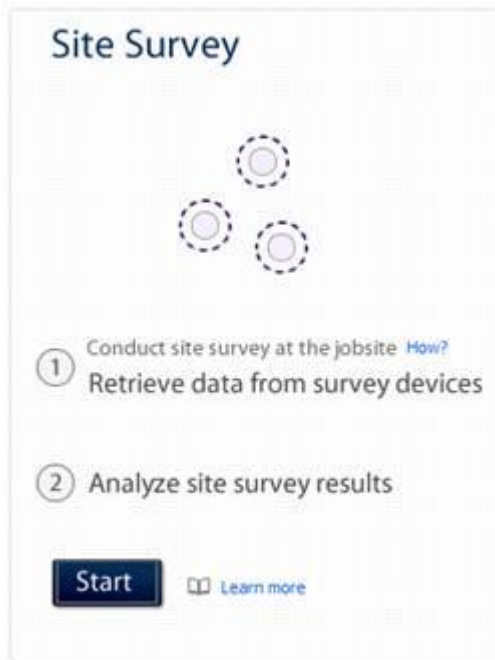


Spotlight on SWIFT Wireless: Retrieving Site Survey Data using the SWIFT Tools Software

In my [previous blog](#), we learned that the Site Survey results can be determined visually by the LED color and blink pattern; however, if more detailed results are required, SWIFT Tools can provide these results.

After completion of the Link Test and or RF Scan the devices used for the test must be brought within 20' of the PC with the USB adaptor running SWIFT Tools and removed from the bases.

From the main screen choose Site Survey.



From the Communicator window select the devices that you want to retrieve data from, and click “Retrieve Data”

SLC Assy	Location Description	RF Scan Conducted	Progress Status	Remove
D 102		Yes		✖

Retrieved Data [+ Show More Data](#)

- 22 Gateway Normal
- 1 Device in mesh network - G/W 22
- 50 Gateway Normal
- 5 Devices in mesh network - G/W 50
- 2 devices in range of USB
- 102 Photo Det. Site Survey...
- 101 Heat Det... Site Survey...

No device is out of range of U...

When the "Progress Status" shows Data Retrieved, click the "Next" button.

Site Survey Step 1/2 **Retrieve data** [Next](#) [Extras](#) [Help](#)

Conduct site survey at the jobsite using the devices → Bring site survey devices in range of USB adapter → Retrieve the data by selecting the devices from the communicator and click Retrieve Data → Click Next for site survey results

Retrieve Data [Show More Data](#)

SLC Addr	Location Description	RF Scan Conducted	Progress Status	Remove
D 101		Yes	Data Retrieved	✖
D 102		Yes	Data Retrieved	✖

COMMUNICATOR [Scan On](#) [USB Connected](#)

SLC Addr	Device Type	Device Status	Mesh ID	More Info
2 wireless gateways in Range				
22	Gateway	Normal	32	Hide
1 Device in mesh network - G/W 22				
50	Gateway	Normal	5	Hide
5 Devices in mesh network - G/W 50				
2 devices in range of USB				
102	Photo Det.	Site Surve...	NA	Hide
101	Heat Dete...	Site Surve...	NA	Hide
No device is out of range of USB				

The basic informative is displayed for the 3 categories, with a "Detailed View" for each and the option to "Export to Excel".

Site Survey Step 2/2 **Results** [Done](#) [Extras](#) [Help](#)

Site Survey evaluates the environment and determines what parameters are best for the location. The Site Survey results will provide the summary of the aggregated results from all devices.

Site is recommended. [Export To Excel](#)

The areas tested during the site survey did not find any restrictions on the use of a wireless system.

Link Test Results [Detailed View](#)

Excellent Links: 1, Good Links: 0, Poor Links: 0. All links tested during the Link Quality test resulted in a connection that is suitable for a primary path.

RF Test results - Channel Availability [Detailed View](#)

All channels are available. 34 Channels available, 0 Channels Occupied.

RF Test results - Background Noise [Detailed View](#)

There are no distance restriction on the device placement due to the background noise.

Detail View - Link Quality

Shows one excellent link between detectors 101 and 102.

Link Quality



Detail View – Channel Availability

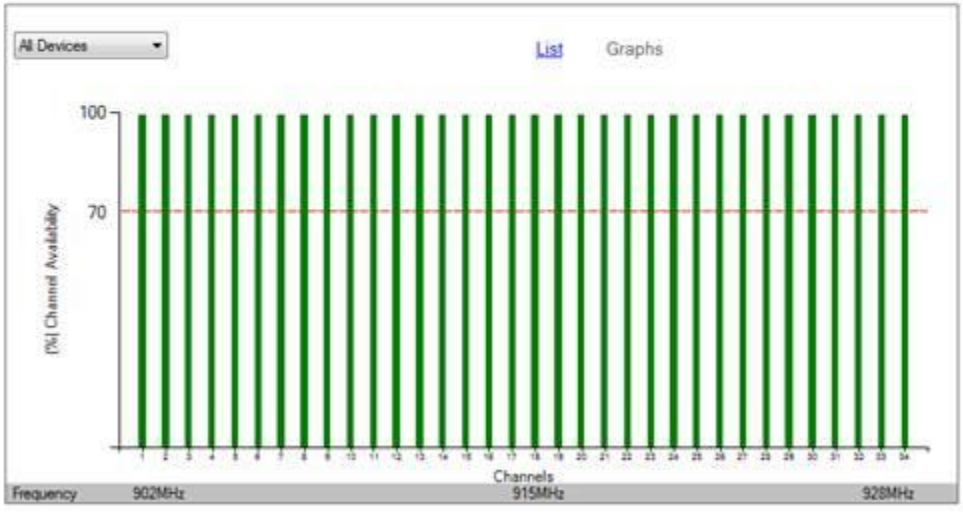
Shows no problems, during test period (1 hr.)

Channel Availability



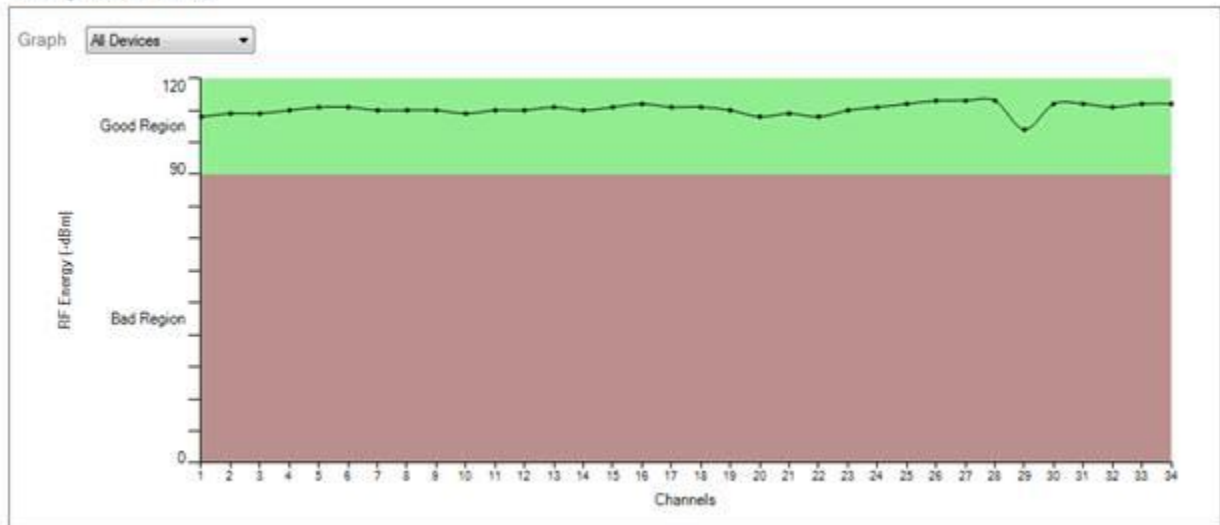
Conflicts Total no of results is 0

Channel Number Devices with occupied channels



Detail View – Background Noise
Shows no problems, during test period (1 hr.)

Background Noise



If you would like more information on [SWIFT Wireless](http://www.firelitewireless.com) products, please visit www.firelitewireless.com.

Have questions? Give Tech Support a call: 800-627-3473

About the Author

[George Goral](#) is a NICET Level II Fire Products Application Specialist for Honeywell Fire Safety. He has 8 years of experience in technical support of fire alarm control panels including software support and the new SWIFT Wireless product line.