

Notes for Using SensMitPath

When using the PC-link device for uploads of your IRROmesh or SensMitMesh data, the SensMitPath software needs to be resident on the PC it is plugged into. This PC must have free access to and from the World Wide Web. This freedom is normal for non-networked PC's.

SensMitPath needs to be running at all times on the PC (not just installed, and the PC must be connected to the World Wide Web) for the data to flow to the SensMitWeb site. Be sure that the PC power management regimes are set to prevent sleeping, and that the SensMitPath application is loaded in your START directory to allow the system to recover after an automated Windows update, power outage etc... (See <http://sensmitwebdiv.com/resources/> for installation details)

You can select 'Switch User' from the PC's 'Shut Down' function button on the Start menu if you want to lock the computer access without disrupting SensMitPath's operations.

If you are using a PC on a network, and particularly if it's on a corporate network, there is typically a firewall and an upgraded form of virus checking between the PC and the World Wide Web. This security layer will often prevent the data from flowing out to the SensMitWeb site properly.

Symptoms include:

1. Data is being stored on the PC (see 'data saved to disk' in the SensMitPath dialogue box) but not flowing in real-time to the web site ('posts received from Logger' on the bottom panel of the SensMitPath Screen is showing a value, but 'posts sent to SensMitWeb' is not or showing significantly fewer posts)
2. Error messages (i.e. 503) being recorded in the SensMitPath dialogue box
3. When restarting the PC, the 'lost posts' flow to the site but then the applications halts again.

In this case, there are three solutions:

1. Use a dedicated PC that is outside the network (yet is connected to the WWW) which is only running Microsoft Security Essentials
2. Have your corporate IT resource configure the Firewall to trust and accept traffic from the SensMitPath application
3. Use a cell modem instead

Be aware that all corporate PC's and laptops likely have at least the corporate anti-virus software installed, so if you are seeing the symptoms, simply taking that PC off the network will not necessarily solve the problem.

Please note: The enterprise version of Trend Micro has been known to cause problems.