

## Linksys VoIP ATA Compatibility

It is recommended that only the latest models of Linksys ATA, those currently supported by Linksys, should be used as part of the IP Alarms Linksys Solution. At the time of writing, the recommended adapter models are PAP2T and SPA3102. The latest firmware version 5 should also be applied.

Older model adapters may be used at your discretion but you should refer to the following table to gain an understanding of the compatibility of different models when used with the Virtual Receiver at the Monitoring Center:

<b>Model</b>	<b>Comments</b>
SPA1000	Not tested.
SPA1001	Firmware v3.1.19(SE): No known issues
SPA2000	Not tested.
SPA2002	Not tested.
SPA2100	Firmware v3.3.9: No known issues
SPA2102	Firmware v5.x.x: No known issues
SPA3000	Firmware v3.1.20(GW): No known issues
SPA3102	Firmware v5.x.x: No known issues
PAP2	Firmware v3.1.24: <b>A,B,C,D Tone Issue</b>
PAP2T	Firmware v5.x.x: No known issues Firmware v3.1.24: <b>A,B,C,D Tone Issue</b>
VoIP Routers	Not tested.

### A,B,C,D Tone Issue (Virtual Receiver Only)

Certain models of Linksys adapter with older firmware do not support a,b,c,d tones and should not be used by panels with a hex account code and whose primary path is a DTMF protocol to the Virtual Receiver. Panels with numeric account codes work fine, however, it should be noted that in cases where the checksum is a hex digit, there will be a one second kiss-off delay that causes the panel to detect the kiss-off on its first retransmission of the same signal. Calls from panels using non-DTMF protocols to the physical receiver are unaffected by this issue.

In reference to ATA's and VoIP routers that have not been tested by IP Alarms, it is thought that they should all work normally with a physical receiver due to the Linksys firmware being very similar throughout their range of VoIP products. When using the Virtual Receiver for panels sending DTMF protocols, each device should be thoroughly tested prior to commissioning.