Entry SIP Compatibility

Description

Entry has SIP capability allowing it to be connected to SIP-compliant servers (hardware or cloud-based). This allows the connectivity of audio, video and action-based signals.

Entry has been developed and tested to meet the standards and protocols set out in SIP RFC3261. Therefore any 3rd party hardware that also meets the SIP requirements outlined below (without any proprietary modifications), will work with Entry.

Paxton SIP Support

The below information details our SIP requirements and confirmed compatibility.

Paxton Support are unable to offer technical assistance for issues relating to other manufacturers' equipment.

SIP integration compliance

Function	Protocol	Supported in Entry
SIP Signalling	RFC3261	✓
RTP (Media)	RFC3550	✓
DTMF (used to unlock door)	SIP Info	✓
DTMF (used to unlock door)	RFC2833	✓
Audio	G.711 (PCMU)	✓ (v2.14 onwards)
Video	H.264	✓
Network	VLAN	✗
	802.1x	✗

3rd party system compatibility

The following 3rd party equipment (physical, cloud-based or software) have been tested by Paxton for compliance. This list will change as tests continue, so please click on the link at the bottom of this document to access the latest KB report.

SIP local server

Manufacturer	Model	Compatible	Additional info
Samsung	OPenServ DM V4.7	✓	
Avaya	IP Office 500 V2 (SW8.1.69)	✓	
Cisco	Cisco Call Manager	✓	(V.214 onwards)
Draytek	Vigor IPPBX 2820n	✓	
Mitel	3300	✓	(V.214 onwards)
3CX		✓	

SIP cloud based server

Manufacturer	Model	Compatible	Additional info
VOIPTalk		✓	
iPtel		✓	
VOIPTiger		✓	

Soft consoles (PC Clients)

Manufacturer	Model	Compatible	Additional info
Linphone		✓	
X-Lite		✓	
Bria		✓	
Jitsi		✓	
3CX	3300	✓	

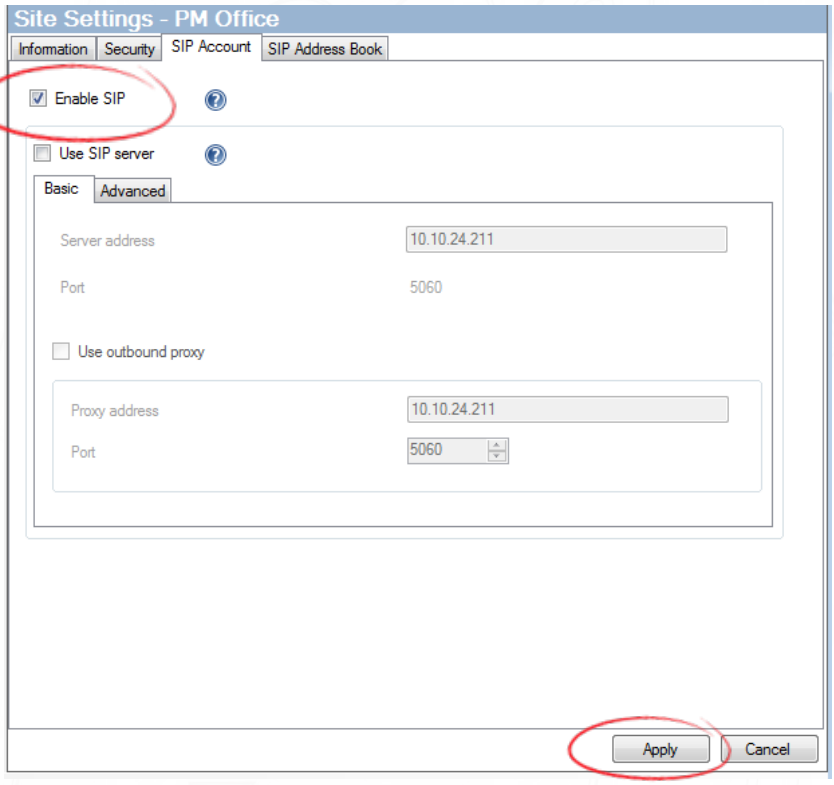
SIP handsets

Manufacturer	Model	Compatible	Additional info
Grandstream	GXP1400 / 1405 – Audio only	✓	
Grandstream	DP715 – Audio only	✓	
Grandstream	GXP1200 – Audio only	✓	
Grandstream	GXV3175 - Audio & Video	✓	
Grandstream	GXV3140 - Audio & Video	✓	
Avaya	3300	✓	

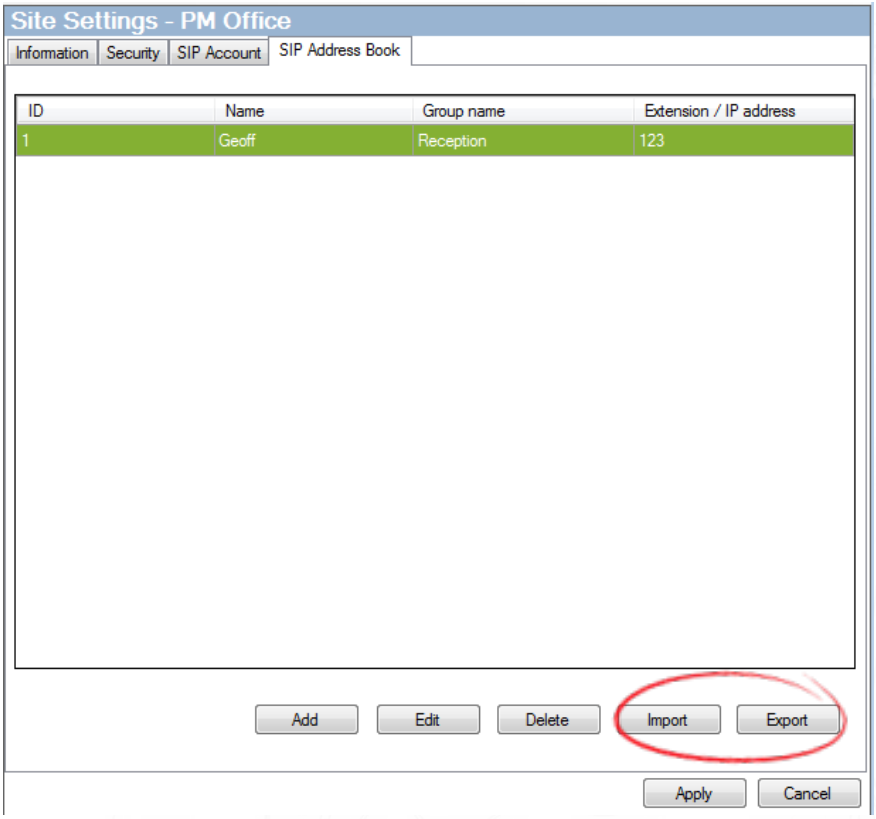
Click HERE for the latest Paxton Knowledge Base SIP Compliance status

SIP import & export

Before a SIP address book can be used, SIP will need to be enabled on the system. To do this, select your Site and go to SIP account. Check the box for **Enable SIP and Apply** the new settings.



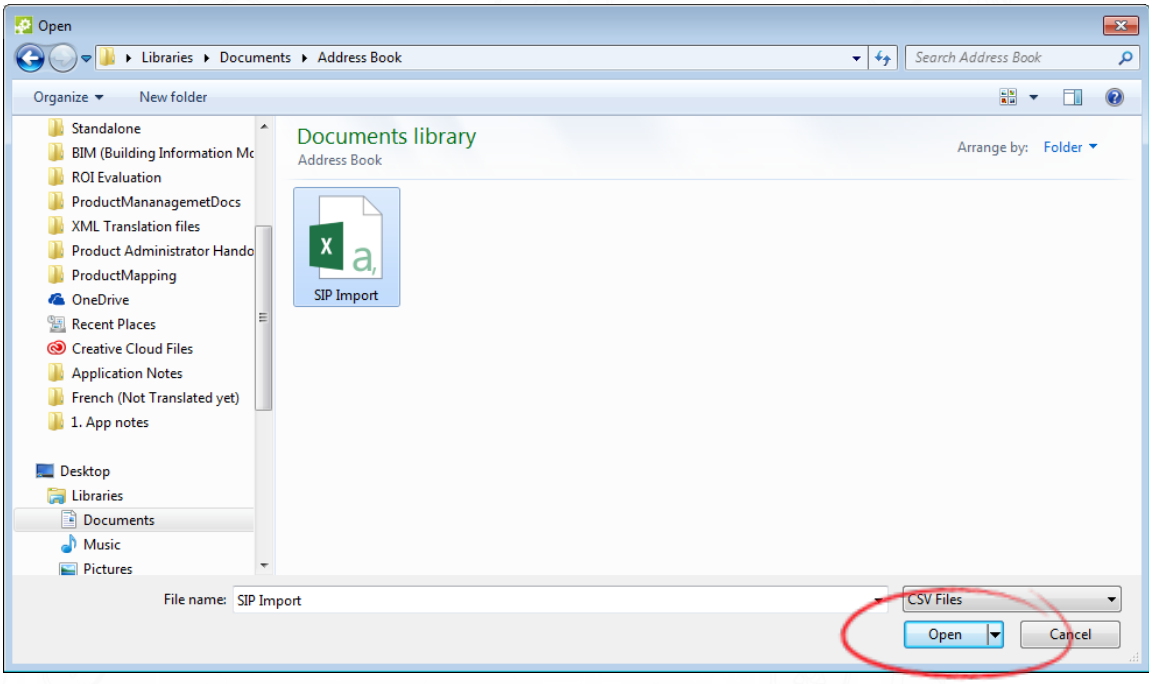
Once SIP is enabled go to SIP Address Book, from here you can import or export.



SIP Import

1. Select **Import**

2. Locate the file containing the SIP address book to import
(Ensure your file is saved as .CSV)

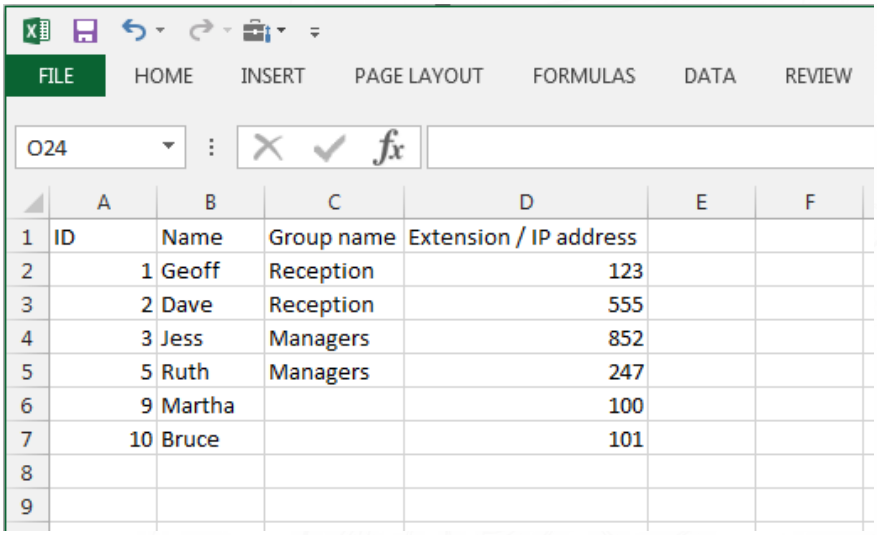


3. Click **Open**

Note: Importing a SIP address book will remove all existing users in your SIP address book

Example CSV file

The import will work with or without the header columns in the import file



	A	B	C	D	E	F
1	ID	Name	Group name	Extension / IP address		
2	1	Geoff	Reception	123		
3	2	Dave	Reception	555		
4	3	Jess	Managers	852		
5	5	Ruth	Managers	247		
6	9	Martha		100		
7	10	Bruce		101		
8						
9						

SIP Export

Before export is enabled you will need at least 1 entry in the address book

1. Select **Export**

2. Locate where you want to save the export

3. Click **Save**
(The file will be saved as .CSV format)