

IP office discontinued control units

IP Office control units summary

Avaya IP Office- Small Office Edition

For small office and branch office communication. Supports from 2 to 28 users with feature-rich, business-quality voice communications. voicemail/auto attendant (including embedded option), firewall, flexible data connectivity (cable, DSL, TI, ISAN, Frame Relay),

Secure VPN networking, support for WiFi (802.11 wireless networking) and more, in a compact and easy – to –install desktop unit.

Avaya IP403

For small office with sophisticated communications needs. Built-in support for ten extensions (2 analog, 8 digital). By adding three expansion modules you can support up to 100 extensions. Connect devices such as point-of-sale terminals with the USB port, and take advantage of integrated voicemail.

Avaya IP406 V2

For a small or midsize office experiencing or expecting growth. Built-in support for ten extensions (2 analog, 8 digital) and 2 digital trunk slots (T1/T1 PRI/ISDN PRI). With 6 expansion modules, you can support up to 190 extensions and 186 trunks. Supports 3 TI/PRI, 40 data channels and has a 8-port switch. All messaging options, including embedded.

Avaya IP Office - Small Office 4T + 4A + 8DS (3 or 16 VoIP)

Small Office Edition is a compact platform specifically designed to meet the needs of very small businesses and home offices. In a single unit, it can provide a PABX with Auto Attendant and Voicemail, Broadband Access, Wireless Access Point (WiFi) and VPN tunneling. Voice Compression is included as standard to support IP Extensions or provide IP Trunks back to a head office.

Small Office Edition control units have either 3 or 16 built in voice compression channels with 40mms echo cancellation.



Features:

4 Analog Loop Start Trunks (Caller ID enabled).

4 Analog extension (Single line extensions) ports. During power fail, analog trunk port 2 is connected to analog extension port number 1.

8 Digital Station (DS) ports for 24xx, 44xx, 54xx and 64xx Series phones plus 3810 and 9040.

3 VoIP Codecs (G.723.1, G.711 and G.729a). **Audio (Voice) Compression Protocols.**

4 Switched Ethernet ports (Layer 2).

Dedicated Switched Ethernet WAN port (Layer 3).

2 x PCMCIA Slots for Wireless and Memory card support.

WAN Slot for Optional WAN card (V35, X.21, BRI, T1 PRI).

DTE port 9-pin serial port (for Terminal Adapter for maintenance

Audio port for external music on hold source.

3/16 Voice compression channels on board for VOIP applications.

Two relay switch port for door entry systems (External O/P socket).

Voicemail Capabilities:

Five voicemail modes of operation are available:

Voicemail Lite

Voicemail Pro

Embedded Voicemail with Auto Attendant (IP406 V2 and Small Office Edition only)

Voicemail Pro Networked Messaging with other voicemail systems

Centralized Intuity Audix / Modular Messaging Voicemail

Hardware Compatibilities:

WAN Expansion Kit (700289713)

64MB Memory Card (700289721)

Wireless LAN Card (700289739)

IP Office IP406 V2 Control Unit



The IP406 V2 control unit is a stackable unit with an optional 19" rack mounting kit. The IP406 V2 includes:

The IP406 V2 includes 8 digital station (DS) and 2 analog phone (single line telephone) ports. It includes an eight port Ethernet LAN switch (unmanaged Layer 2) and Compact Flash card slot for an optional embedded voicemail memory card.

It supports up to 6 external expansion modules plus IP extensions controlled through its LAN interface. with a maximum configuration of 250 of various types in combination. Analog only: 182. DS only: 188. IP only: 90. 8 Digital Station (DS) ports for selected 2400, 5400, 6400 and T3 Series phones plus 3810 wireless (US) phones.

2 Analog telephone (single line extensions) ports.

Dual-PRI in Slot A. internal expansion module support for increased trunk capacity.

8 10/100 Mbps LAN Switched ports (Layer-2, unmanaged).

Support for optional embedded voicemail/auto-attendant (Compact Flash card)

9-pin DTE Port (for maintenance or serial dongle connection for PC-less licensing).

X.21/V.35 WAN interface.

Support for 6 Expansion Modules.

External output port containing two switches for door entry systems.

Audio port for external music on hold source.

40 Data channels (Maximum 20 useable for Voicemail Pro).

A data channel is used whenever a call is made from the IP network to an exchange line (Central Office).

Optional internal upgrades allow for the support of up to 12 x V.90 modem calls and a 4, 8, 16, 24 or 30-channel Voice used for either providing networking between sites over a Wide Area Network or supporting Compression Module (VCM). The VCM module supports 4, 8, 16, 24 or 30 simultaneous Voice over IP sessions.

These can be IP Telephones and Soft phones. Typically an IP extension only uses a compression module channel when starting a call and while on a call to a non-IP extension/line. It is possible to configure more IP extensions than the capacity of the installed VCM.

Through support of up to six external Expansion Modules, IP406 V2 can be enhanced to support a mixture of analog, digital or IP phones to maximum of 190 phones.

Voice mail capability:

Five voicemail modes of operation are available:

Voicemail Lite

Voicemail Pro

Embedded Voicemail with Auto Attendant

Voicemail Pro Networked Messaging with other voicemail systems

Centralized Intuity Audix / Modular Messaging Voicemail

Hardware Compatibilities:

Internal Modules

IP400 Office Quad BRI.

IP400 Office PRI T1.

IP400 Office Dual PRI T1

IP400 Office Universal Quad Loop start Analog Trunk with caller ID .

IP400 Office VC Module – 4/8/16/24/30

IP400 Internal Modem Card

External modules

IP400 Office Phone Expansion Module analog extensions in three variants for 8, 16 or 30 extensions.

IP400 Office Digital Station Expansion Module 16 or 30 extensions.

IP400 Office So8 Expansion Module

IP400 Office WAN 3 Expansion Module

IP400 Office Analog Trunk 16 Expansion Module

IP403 Office control unit



The Avaya IP403 Office base unit is a 19" rack mountable voice and data communication system which supports up to 100 combined analog and digital extensions, and up to 3 expansion modules, with capacity for 8 analog trunks or 2 digital trunk (48 T1 channels or 60 E1 channels) .Maximum configurations of 125 of various types in combination. Analog only: 92. DS only: 98. IP only: 60.

Features include 20 optional voice compression channels, 8 Digital Station ports, 2 Analog Telephone ports, 8 dual speed LAN hub ports, and 18 data channels. Data channels are used for Routing, RAS and Voicemail applications.

From basic call handling to full call center functionality, including real time and historic reporting,

2 analog extension ports

8 digital extension ports

2 expansion slots for Quad Basic Rate Card (one per system)

DTE Port. 25 pin D-Type socket. Used for system maintenance. Suitable for direct connection of IP Office

Serial Port Feature Key dongle

T1/PRI (one per system)

Quad analog Loop Start Trunk (two per system)

The capability of up to 20 voice compression channels.

Voicemail Capabilities:

Four voicemail modes of operation are available:

Voicemail Lite

Voicemail Pro

Voicemail Pro Networked Messaging with other voicemail systems

Centralized Intuity Audix / Modular Messaging Voicemail

Hardware Compatibilities:

Internal Modules

IP400 Office Quad BRI.

IP400 Office PRI T1.

IP400 Office Universal Quad Loop start Analog Trunk with caller ID

IP400 Office VC Module – 4/8/16

IP400 Internal Modem Card

External modules

IP400 Office Phone Expansion Module analog extensions in three variants for 8, 16 or 30 extensions.

IP400 Office Digital Station Expansion Module 16 or 30 extensions.

IP400 Office So8 Expansion Module

IP400 Office WAN 3 Expansion Module

IP400 Office Analog Trunk 16 Expansion Module

IP406 Office V1 (prior to release 3)



The IP406 V1 (formerly just called the IP406) differs from the IP403 Office in that it supports six expansion modules but excludes the integral Digital extension and Analog extension ports.

The IP406 V1 Office base unit is 19" rack mountable and supports as standard- Eight 10/100 Mbps LAN Hub ports.

DTE Port. 25 pin D-Type socket. Used for system maintenance. Suitable for direct connection of IP Office Serial Port Feature Key dongle.

X.21/V.35 WAN interface.

Support for 6 Expansion Modules.

External output port containing two switches for door entry systems.

Audio port for external music on hold source.

24 Data channels (Maximum 20 useable for Voicemail Pro).

Voicemail Capabilities:

Four voicemail modes of operation are available:

Voicemail Lite

Voicemail Pro

Voicemail Pro Networked Messaging with other voicemail systems

Centralized Intuity Audix / Modular Messaging Voicemail

Hardware Compatibilities:

Internal Modules

IP400 Office Quad BRI.

IP400 Office PRI T1.

IP400 Office Universal Quad Loop start Analog Trunk with caller ID

IP400 Office VC Module – 4/8/16

IP400 Internal Modem Card

External modules

IP400 Office Phone Expansion Module analog extensions in three variants for 8, 16 or 30 extensions.

IP400 Office Digital Station Expansion Module 16 or 30 extensions.

IP400 Office So8 Expansion Module

IP400 Office WAN 3 Expansion Module

IP400 Office Analog Trunk 16 Expansion Module

The following table summarizes the IP Office control units

Feature	SmallOffice Edition	IP403	IP406 V1	IP406 V2	IP412
Digital Station (DS) Ports	0 or 8	8	0	8	0
Analog Phone (POT) Pots	2 or 4	2	0	2	0
Optional Embedded Voicemail Card	✓	✗	✗	✓	✗
Integral WAN Port	✗	✓	✓	✓	✓
Expansion Port	0	3	6	6	12
DTE Port	9-way	25-way	25-way	9-way	9-way
Audio In (MOH) Port	✓	✓	✓	✓	✓
External O/P Switch Port	✓	✓	✓	✓	✓
Conference Parties	21	64	64	64	128
Configuration Memory	192KB	192KB	192KB	256KB	256KB
Maximum Extension Capacity	28	125	180	250	500
Digital (DS) Phones only	8	98	180	188	360
Analog Phones only	4	92	180	182	360
IP Phones only	16	60	60	90	180
Cards Supported	1	2	2	2	2
Analog trunk cards	✗	✓	✓	✓	✓
Quad BRI trunk cards	✓	✓	✓	✓	✓
Single PRI trunk cards	✓*1	✓	✓	✓	✓
Dual PRI trunk cards	✗	✗	✗	✓*2	✓
WAN port card	✓	✗	✗	✗	✗
VCM Cards	N/A	1	1	1	2
Maximum voice compression channels	16	20	20	30	60
Data Channels	18	18	24	40	100
Maximum usable for Voicemail Pro/TAPI WAV	10	10	20	20	30
Dimensions					
Height x Width x Depth	76x255x241 mm 3"x10"x9.5"	71x445x245 mm 2.8"x17.5"x9.7"			