



Avaya IP Office™ Platform Locale Settings Reference

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Chapter 1: Introduction

The locale settings are factors such as the default ring tones and call display settings. Locale also controls the voicemail default language prompts. Set incoming call routes to a locale to override the system settings for calls to voicemail.

*** Note:**

Reference to a locale does not necessarily indicate support, availability or approval for IP Office within that country.

! Important:

The settings described in this reference supersede locale setting information described in the IP Office Manager documentation.

Tones

The table below describes the different system tones. The tones used are determined by the system locale setting.

*** Note:**

In some locales, the same tone sound may be used for several purposes, for example for Busy and Fast Busy may be the same.

Tone	Description
Dial Tone	Normal dial tone.
Alternate Dial Tone	This tone is also known as 'interrupted', 'broken' or 'stutter' dial tone. It is used on extensions when the user has DND, Follow-Me or Forward Unconditional set. It is also used on analog phones when the user has a call on hold, for example during a transfer.
Secondary Dial Tone	Used when accessing an external trunk using a short code or ARS that specifies secondary dial tone. If no specific tone is defined for the locale, normal dial tone is used.
Busy Tone	Used when the number called is busy.
Fast Busy Tone	No channel.
Intercept Busy Tone	Unallocated number.
Ring Tone	Other end is ringing. This tone is also known as 'ringback'.

Table continues...

Tone	Description
Call Waiting Tone	Used when a user has a call waiting enable and a is call waiting.
Number Unobtainable Tone	Number Unobtainable.

Frequency: All tone frequencies are in Hertz (Hz). Where a tone uses a combination of frequencies, the frequencies are shown separated by a + symbol. Where a tone uses alternating frequencies, the frequencies are shown separated by a / symbol.

Cadence: The tone cadence is indicated as either a sequence of on/off times or as a sequence of alternating frequency 1/frequency 2 times. Where a portion of the sequence is enclosed in () symbols, it indicates a repeating sequence.

Analog phone settings

Ring Current Frequency	The frequency of ring current.
Minimum Flash Hook Time	The minimum time that loop current has to be broken to detect a timed break recall (TBR). Anything shorter is regarded as a glitch.
Maximum Flash Hook Time	The maximum time the loop current can be broken for it to be detected as a time break recall (TBR). Anything longer is regarded as clearing.
Default Caller Display Type	The type of caller display used when Extn > Caller Display Type is set to On.
Default MWI Type	The type of message waiting indication used when Extn > Message Waiting Indication Type is set to On. Note that the setting may also be dependant on the equipment providing the analog port.

Locale-specific behavior

Companding	The typical companding method employed for telephone systems in that locale. Companding operation can be adjusted through the System > Telephony > Telephony tab.
Dialing Timeout	The method used by the system to determine when to disconnect an extension that does not complete dialing a valid routable number.
Disconnect Tone	The tone used when disconnect indication is provided to an extension.
Disconnect Method	Indicates whether the locale uses Busy tone disconnect or disconnect clear operation on analog trunks.
Display Language	The default language used for messages sent to extensions.
Feature Phone Clearing	The locale specific action applied to digital and IP phones when the far end of a call disconnects. This

Table continues...

	action can be overridden by the Disconnect Tone option on the System > Telephony > Telephony tab.
Default Currency	Used for Advice of Charge operation where supported on ISDN lines.
Default Time Zone	This value is used to set the default time offset and daylight saving settings for a system when using SNTP to obtain the UTC time value.

Chapter 2: Locale settings

Argentina (ess)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Use dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	440/620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.070 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ -law	Yes

Table continues...

Locale settings

Setting	Value	Configurable
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Latin Spanish	Yes
Feature Phone Clearing	Disconnect Tone	Yes
Voicemail Truncation Time	0 seconds	Yes
Default Currency	ARS	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-03:00) Buenos Aires	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
	T3: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Argentinean Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK v23	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R + (1000 R 210nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Australia (ena)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.010 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect Tone	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	AUD	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+10:00) Canberra, Melbourne, Sydney	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English UK, English US	Yes
System Status Application	English UK, English US	Yes
Phone Manager	English UK, English US	Yes
Soft Console	English UK, English US	Yes
one-X Portal for IP Office	English UK, English US	Yes
IP Office Custom Call Reporter	English UK, English US	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 5.0 seconds	Yes

Bahrain (arh)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 999

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	330+44+	Continuous
Alt Dial Tone	350+440	(1.0/0.5) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Secondary Dial Tone	330+44+	Continuous
Busy Tone	425	(0.375/0.375) on/off
Fast Busy	425	(0.375/0.375) on/off
Intercept Busy Tone	425	Continuous
Ring Tone	425	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	425	(0.2/0.6/0.2/5.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number Unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go Idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Kuwait, Riyadh	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes

Table continues...

Setting	Value	Configurable
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	400 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Belgium — Flemish (nlb)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.5/0.5) on/off
Ring Tone	425	(1.0/3.0) on/off
Call Waiting Tone	400	(0.08/0.175/0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Dutch	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: Dutch	Yes
	T3: Dutch	Yes
Voicemail	Pro: Dutch	Yes
	Embedded: Dutch	Yes
IP Office Manager	Dutch	Yes
System Status Application	Dutch	Yes
Phone Manager	Dutch	Yes
Soft Console	Dutch	Yes
one-X Portal for IP Office	Dutch	Yes
IP Office Custom Call Reporter	Dutch	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	200 R + (820 R 115nF)	Yes
Balance Impedance	200 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Belgium — French (frb)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.5/0.5) on/off
Ring Tone	425	(1.0/3.0) on/off
Call Waiting Tone	400	(0.08/0.175/0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	French	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: French	Yes
	T3: French	Yes
Voicemail	Pro: French, French Canadian	Yes
	Embedded: French, French Canadian	Yes
IP Office Manager	French	Yes
System Status Application	French	Yes
Phone Manager	French	Yes
Soft Console	French	Yes
one-X Portal for IP Office	French	Yes
IP Office Custom Call Reporter	French	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	200 R + (820 R 115nF)	Yes
Balance Impedance	200 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 4.0 seconds	Yes

Brazil (ptb)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.25/0.25) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(0.1/0.1/0.1/0.1) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	425	(0.25/0.25/0.75/0.25) on/off (Release 4.2+) Continuous (pre-Release 4.2)

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.100 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	DTMFD	Yes
Default Message Waiting Indication Type	51 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law/ μ -law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Brazilian, Portuguese	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	2 seconds	Yes

Table continues...

Setting	Value	Configurable
Default Currency	BRL	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Brasilia	Yes

Language

Setting	Value	Configurable
Phones	DS: Brazilian, Portuguese	Yes
Voicemail	Pro: Brazilian, Portuguese	Yes
	Embedded: Brazilian, Portuguese	Yes
IP Office Manager	Brazilian	Yes
System Status Application	Brazilian, Portuguese	Yes
Phone Manager	Brazilian, Portuguese	Yes
Soft Console	Brazilian	Yes
one-X Portal for IP Office	Brazilian, Portuguese	Yes
IP Office Custom Call Reporter	Brazilian, Portuguese	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R or 900 R	Yes
Balance Impedance	600 R or 800 R 50nF	Yes
Busy Tone Detection	425 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Bulgaria

Locale: Use the [United Kingdom locale settings](#) on page 101.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Canada (frc)

Locale: Default

Region: NA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(2.0/0.4) on/off
Call Waiting Tone	480+620	(0.0/0.1/0.2/1200) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Disconnect clear	Yes
Display Language	Canadian French	Yes
Feature Phone Clearing	Go Idle	Yes
Voicemail Truncation Time	0 seconds	Yes
Default Currency	CAD	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-05:00) Eastern Time (US & Canada)	Yes

Language

Setting	Value	Configurable
Phones	DS: French	Yes
	T3: French	Yes
Voicemail	Pro: French, French Canadian	Yes
	Embedded: French, French Canadian	Yes
IP Office Manager	French	Yes
System Status Application	French	Yes
Phone Manager	French	Yes
Soft Console	French	Yes
one-X Portal for IP Office	French	Yes
IP Office Custom Call Reporter	French	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R + (1000 R 210nF)	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Chile (esl)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	440/620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Mexican Spanish	Yes
Feature Phone Clearing	Disconnect Tone	Yes
Voicemail Truncation Time	2 seconds	Yes
Default Currency	CLP	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-04:00) Santiago	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
	T3: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Latin Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes

Table continues...

Setting	Value	Configurable
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	400 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	25 V to 50 V	Yes

China, People's Republic (chs)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(0.4/0.4) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	440	(0.35/0.35) on/off
Fast Busy	440	(0.7/0.7) on/off
Intercept Busy Tone	440	(0.1/0.1/0.1/0.1/0.1/0.1/0.4/0.4) on/off
Ring Tone	440	(1.0/4.0) on/off
Call Waiting Tone	440	(0.4/4.0) on/off
Number Unobtainable Tone	440	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	0.900 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect Tone	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	CNY	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+08:00) Chongqing, Hong Kong, Urumqi	Yes

Language

Setting	Value	Configurable
Phones	DS:	Yes
	T3:	Yes
Voicemail	Pro: Mandarin, Cantonese	Yes
	Embedded: Mandarin, Cantonese	Yes
IP Office Manager	Simplified Chinese	Yes
System Status Application	Simplified Chinese	Yes
Phone Manager	Simplified Chinese	Yes
Soft Console	Simplified Chinese	Yes
one-X Portal for IP Office	Simplified Chinese	Yes
IP Office Custom Call Reporter	Simplified Chinese	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	200 R + (680 R 100nF)	Yes
Balance Impedance	200 R + (680 R 100nF)	Yes
Busy Tone Detection	450 Hz 0.35/0.35 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Columbia (eso)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) on/off
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Mexican Spanish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	2 seconds	Yes
Default Currency	COP	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-05:00) Bogota, Lima, Quito	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Columbian	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Cyprus

Locale: Use the [Greece locale settings](#) on page 38 with the following changes.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Alt Dial Tone	425	(0.5/1.0) on/off

Locale-specific behavior

Setting	Value	Configurable
Feature Phone Clearing	Go Idle	Yes

Czech Republic (csy)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(0.165/0.165/0.165/0.165/0.165/0.165/0.165/0.165/0.165/0.165) on/off
Secondary Dial Tone	Dial tone	(0.330/0.330/0.660/0.660) on/off
Busy Tone	425	(0.330/0.330) on/off
Fast Busy	425	(0.165/0.165) on/off
Intercept Busy Tone	425	(0.330/0.330/0.330/1.5) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.330/9.0) on/off
Number Unobtainable Tone	425	(0.1/0.2) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.070 seconds	Yes
Maximum Flash Hook	0.1500 seconds	Yes
Default Caller Display Type	FSKD (Bellcore202)	Yes
Default Message Waiting Indication Type	101 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Disconnect clear	Yes
Disconnect Method	425 Hz 0.33/0.33 seconds	Yes
Display Language	Czech (CZ)	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	CZK	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Prague	Yes

Language

Setting	Value	Configurable
Phones	English	Yes
Voicemail	UK English	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	Czech	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELLCORE202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes

Table continues...

Setting	Value	Configurable
Busy Tone Detection	425 Hz 0.33/0.33 seconds	Yes
Disconnect Clear	425 Hz 0.33/0.33 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency = 0.4 seconds RingOffMax = 5.0 seconds	Yes

Denmark (dan)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.25/0.25) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(0.25/0.25) on/off
Ring Tone	425	(0.75/0.75) on/off
Call Waiting Tone	425	(0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	DTMFC	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Danish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	DKK	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(UTC+01:00) Copenhagen (GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: Danish	Yes
Voicemail	Pro: Danish	Yes
	Embedded: Danish	Yes
IP Office Manager		Yes
System Status Application		Yes
Phone Manager	Danish	Yes
Soft Console	Danish	Yes
one-X Portal for IP Office		Yes
IP Office Custom Call Reporter		Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.45/0.45 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 8.0 seconds	Yes

Egypt (are)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 122, 123, 180

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	400+480	(0.1/4.0) on/off
Fast Busy	400+480	(0.5/0.5) on/off
Intercept Busy Tone	400+480	Continuous
Ring Tone	400+480	(2.0/1.0) on/off
Call Waiting Tone	400+480	(0.1/30.0) on/off
Number Unobtainable Tone	400+480	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go Idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency		Yes

Table continues...

Setting	Value	Configurable
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+02:00) Cairo	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	400 Hz, 0.375/0.375 seconds	Yes
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.6 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds	Yes
	RingOffMax: 2.5 seconds	

Estonia

Locale: Use the [United Kingdom locale settings](#) on page 101 with the following change.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Default Time Zone	(GMT+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius	Yes

Finland (fin)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.25/0.25) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(0.25/0.25) on/off
Ring Tone	425	(1.0/5.0) on/off
Call Waiting Tone	425	(0.08/120.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	DTMFA	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No

Table continues...

Locale settings

Setting	Value	Configurable
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Finnish (Suomi)	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	500 msec	Yes
Hook Flash Pulse Widths	500 msec	Yes
Ring Detection Settings	Persistency: 0.2 seconds	Yes
	RingOffMax: 4.0 seconds	

France (fra)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	330	Continuous
Alt Dial Tone	330	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	440	(0.5/0.5) on/off
Fast Busy	440	(0.5/0.5) on/off
Intercept Busy Tone	440	(0.5/0.5) on/off
Ring Tone	440	(1.5/3.5) on/off
Call Waiting Tone	440	(0.1/8.0) on/off
Number Unobtainable Tone	440	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	French	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes

Table continues...

Locale settings

Setting	Value	Configurable
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: French	Yes
	T3: French	Yes
Voicemail	Pro: French, French Canadian	Yes
	Embedded: French, French Canadian	Yes
IP Office Manager	French	Yes
System Status Application	French	Yes
Phone Manager	French	Yes
Soft Console	French	Yes
one-X Portal for IP Office	French	Yes
IP Office Custom Call Reporter	French	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.4/0.4 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 4.0 seconds	Yes

France2 (fro)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	440	Continuous
Alt Dial Tone	440+330	Continuous
Secondary Dial Tone	440+330	Continuous
Busy Tone	440	(0.5/0.5) on/off
Fast Busy	440	(0.5/0.5) on/off
Intercept Busy Tone	440	(0.5/0.5) on/off
Ring Tone	440	(1.5/3.5) on/off
Call Waiting Tone	440	(0.3/10.0) on/off
Number Unobtainable Tone	440	(0.5/0.5) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	50 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	French	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: French	Yes
	T3: French	Yes
Voicemail	Pro: French	Yes
	Embedded: French	Yes
IP Office Manager	French	Yes
System Status Application	French	Yes
Phone Manager	French	Yes
Soft Console	French	Yes
one-X Portal for IP Office	French	Yes
IP Office Custom Call Reporter	French	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.4/0.4 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 4.0 seconds	Yes

Germany (deu)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	(0.16/0.16/0.16/0.16/0.8) on/off
Alt Dial Tone	425	(1.0/0.5) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Secondary Dial Tone	425	Continuous
Busy Tone	425	(0.48/0.48) on/off
Fast Busy	425	(0.48/0.48) on/off
Intercept Busy Tone	425	(0.48/0.48) on/off
Ring Tone	425	(0.945/4.05) on/off
Call Waiting Tone	425	(0.08/0.2/0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	German	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: German	Yes
	T3: German	Yes

Table continues...

Setting	Value	Configurable
Voicemail	Pro: German	Yes
	Embedded: German	Yes
IP Office Manager	German	Yes
System Status Application	German	Yes
Phone Manager	German	Yes
Soft Console	German	Yes
one-X Portal for IP Office	German	Yes
IP Office Custom Call Reporter	German	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	440 Hz 0.48/0.48 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds	Yes
	RingOffMax: 5.0 seconds	

Greece (ell)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	(0.2/0.3/0.7/0.8) on/off
Busy Tone	425	(0.3/0.3) on/off
Fast Busy	425	(0.15/0.15) on/off
Intercept Busy Tone	425	(0.1/0.1/0.2/0.2) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.3/8.0) on/off
Number Unobtainable Tone	425	(0.1/0.2) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+02:00) Athens, Bucharest, Istanbul	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Greek	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes

Table continues...

Locale settings

Setting	Value	Configurable
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.3/0.3 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Hong Kong (zhk)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	440/620	(0.25/0.25) alternating tones
Ring Tone	440/620	(0.4/0.2/0.4/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ -law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Disconnect clear	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	CNY	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi	Yes

Language

Setting	Value	Configurable
Phones	DS:	Yes
	T3:	Yes
Voicemail	Pro: Mandarin, Cantonese	Yes
	Embedded: Mandarin, Cantonese	Yes
IP Office Manager	Simplified Chinese	Yes
System Status Application	Simplified Chinese	Yes
Phone Manager	Simplified Chinese	Yes
Soft Console	Simplified Chinese	Yes
one-X Portal for IP Office	Simplified Chinese	Yes
IP Office Custom Call Reporter	Simplified Chinese	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R + (1000 R 210nF)	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	None	Yes

Hungary (hun)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.5/0.5) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.15/0.15/0.15/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	HUF	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.3/0.3 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds	Yes
	RingOffMax: 5.0 seconds	

Iceland (isl)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+450	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/0.2) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK20	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	ISK	Yes

Table continues...

Setting	Value	Configurable
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Monrovia, Reykjavik	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds	Yes
	RingOffMax: 6.0 seconds	

India (ind)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	400	(0.25/0.25/0.25/3.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.25/0.25) on/off
Intercept Busy Tone	400	(0.75/0.75) alternating tones
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.2/0.1/0.2/7.5) on/off
Number Unobtainable Tone	400	(2.8/0.2) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	0.300 seconds	Yes
Default Caller Display Type	DTMFA	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	INR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+05:30) Chennai, Kolkata, Mumbai, New Dehli	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R (1000 R 210nF)	Yes
Busy Tone Detection	400 Hz 0.75/0.75 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 5.0 seconds	Yes

Indonesia

Locale: Use the [United Kingdom locale settings](#) on page 101 with the following changes.

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Default Currency	GBP	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Ireland (enl)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+450	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	425	(0.45/0.45) on/off
Fast Busy	425	(0.45/0.45) on/off
Intercept Busy Tone	425	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	425	(0.2/0.2/0.2/4.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V (51 V stepped)	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes

Table continues...

Setting	Value	Configurable
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Language

Setting	Value	Configurable
Phones	DS:	Yes
	T3:	Yes
Voicemail	Pro: English UK	Yes
	Embedded: English UK	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK v23	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.45/0.45 seconds	Yes
Disconnect Clear	None	Yes
Hook Flash Pulse Widths	0.100 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds	Yes
	RingOffMax: 4.0 seconds	

Italy (ita)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+425	Continuous
Alt Dial Tone	350+425	(1.0/0.5) on/off
Secondary Dial Tone	425	(0.2/0.2/0.6/1.0) on/off
Busy Tone	400	(0.5/0.5) on/off
Fast Busy	400	(0.5/0.5) on/off
Intercept Busy Tone	400	(0.5/0.5) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	400	(0.1/4.9) on/off
Number Unobtainable Tone	425	(0.1/0.1) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	10 seconds with no digit dialed	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Italian	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	2 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: Italian	Yes
	T3: Italian	Yes
Voicemail	Pro: Italian	Yes
	Embedded: Italian	Yes
IP Office Manager	Italian	Yes
System Status Application	Italian	Yes
Phone Manager	Italian	Yes
Soft Console	Italian	Yes
one-X Portal for IP Office	Italian	Yes
IP Office Custom Call Reporter	Italian	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	200 R + (820 R 115nF)	Yes
Balance Impedance	200 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Japan (jpn)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	400	(0.2/0.2) on/off
Alt Dial Tone	400	(0.2/0.2/0.2/0.2/0.2/0.5) on/off
Secondary Dial Tone	400	(0.2/0.2) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Busy Tone	400	(0.5/0.5) on/off
Fast Busy	400	(0.5/0.5) on/off
Intercept Busy Tone	400	(0.5/0.5) on/off
Ring Tone	480+432	(1.0/2.0) on/off
Call Waiting Tone	400	(0.1/0.1/0.1/4.7) on/off
Number Unobtainable Tone	400	(1.0/1.0) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	JPY	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+09:00) Osaka, Sapporo, Tokyo	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK	Yes
	T3: English UK	Yes
Voicemail	Pro: English US	Yes
	Embedded: English US	Yes
IP Office Manager		Yes

Table continues...

Setting	Value	Configurable
System Status Application		Yes
Phone Manager		Yes
Soft Console		Yes
one-X Portal for IP Office		Yes
IP Office Custom Call Reporter		Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R + (1000 R 210nF)	Yes
Busy Tone Detection	400 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 4.0 seconds	Yes

Kazakhstan

Locale: Use the [Russia locale settings](#) on page 82 with the following change.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Default Time Zone	(GMT+06:00) (manually set)	Yes

Republic of Korea (kor)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	(1.0/0.25) on/off
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.3/0.2) on/off
Intercept Busy Tone	480+620	(0.125/0.025/0.125/1.5) on/off
Ring Tone	440+480	(1.0/2.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	3 seconds	Yes
Default Currency	KRW	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+09:00) Seoul	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes

Table continues...

Setting	Value	Configurable
Voicemail	Pro: English, Korean	Yes
	Embedded: English, Korean	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English, Korean	Yes
Soft Console	English, Korean	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	480+620 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds	Yes
	RingOffMax: 4.0 seconds	

Kuwait (ark)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 112

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	Continuous

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(1.0/4.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency		Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Kuwait, Riyadh	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes

Table continues...

Setting	Value	Configurable
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.460 seconds	Yes
Hook Flash Pulse Widths	0.460 seconds	Yes
Ring Detection Settings	0.25/2.5 seconds	Yes

Latvia

Locale: Use the [Greece locale settings](#) on page 38 with the following changes.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Analog phone settings

Setting	Value	Configurable
Minimum Flash Hook Time	0.080 seconds	Yes
Maximum Flash Hook	0.060 seconds	Yes

Locale-specific behavior

Setting	Value	Configurable
Disconnect Tone	Fast busy	Yes
Disconnect Method	Disconnect clear	Yes
Feature Phone Clearing	Go idle	Yes

Lithuania

Locale: Use the [Poland locale settings](#) on page 76 with the following changes.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Disconnect Tone	Number unobtainable	Yes
Feature Phone Clearing	Go idle	Yes
Default Currency	EUR	Yes
Default Time Zone	(GMT+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius	Yes

Luxembourg

Locale: Use the [Germany locale settings](#) on page 36.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Malaysia (msl)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(0.1/0.1) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(2.5/0.5) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	350+440	(0.25/0.25/0.25/5.25) on/off
Number Unobtainable Tone	425	(2.5/0.5) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency		Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+08:00) Kuala Lumpur, Singapore	Yes

Language

Setting	Value	Configurable
Phones	DS:	Yes
	T3:	Yes
Voicemail	Pro: English UK	Yes
	Embedded: English UK	Yes
IP Office Manager		Yes
System Status Application		Yes
Phone Manager		Yes
Soft Console		Yes
one-X Portal for IP Office		Yes
IP Office Custom Call Reporter		Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	None	Yes
Hook Flash Pulse Widths	0.100 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 4.0 seconds	Yes

Malta

Locale: Use the [United Kingdom locale settings](#) on page 101.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Mexico (esm)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/0.4) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Mexican Spanish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	2 seconds	Yes
Default Currency	MXN	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+06:00) Guadalajara, Mexico City, Monterrey	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
	T3: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Latin Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R (1000 R 210nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Morocco (arm)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 19, 177, 15

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	Continuous
Ring Tone	425	(1.7/3.3) on/off
Call Waiting Tone	425	(0.1/30.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes

Table continues...

Setting	Value	Configurable
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency		Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes

Table continues...

Setting	Value	Configurable
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.46 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds RingOffMax: 2.5 seconds	Yes

Netherlands (nld)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.48/0.48) on/off
Fast Busy	425	(0.48/0.48) on/off
Intercept Busy Tone	425	(0.48/0.48) on/off
Ring Tone	425	(0.945/4.05) on/off
Call Waiting Tone	400	(0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	DTMFD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Dutch	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: Dutch	Yes
	T3: Dutch	Yes
Voicemail	Pro: Dutch	Yes
	Embedded: Dutch	Yes
IP Office Manager	Dutch	Yes
System Status Application	Dutch	Yes
Phone Manager	Dutch	Yes
Soft Console	Dutch	Yes
one-X Portal for IP Office	Dutch	Yes
IP Office Custom Call Reporter	Dutch	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	220 R (820 R 115nF)	Yes
Balance Impedance	220 R (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

New Zealand (enz)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+4450	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30) on/off
Number Unobtainable Tone	400	(0.075/0.1/0.075/0.1/0.075/0.1 /0.075/0.4) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.500 seconds	Yes
Maximum Flash Hook	0.800 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect Tone	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	NZD	Yes
Date/Time Format	dd/mm 24 hour	Yes

Table continues...

Setting	Value	Configurable
Default Time Zone	(GMT+12:00) Auckland, Wellington	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	400 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 5.0 seconds	Yes

Norway (nor)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.5/0.5) on/off
Ring Tone	425	(1.0/1.5/1.0/4.0) on/off
Call Waiting Tone	425	(0.08/0.6/0.08/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Norwegian	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	NOK	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: Norwegian	Yes
	T3:	Yes
Voicemail	Pro: Norwegian	Yes
	Embedded: Norwegian	Yes
IP Office Manager		Yes
System Status Application		Yes
Phone Manager	Norwegian	Yes
Soft Console	Norwegian	Yes
one-X Portal for IP Office		Yes
IP Office Custom Call Reporter		Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R (820 R 115nF)	Yes
Balance Impedance	220 R (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Oman (aro)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 9999

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	Continuous
Ring Tone	425	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.3/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	NOK	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+04:00) Abu Dhabi, Muscat	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes

Table continues...

Setting	Value	Configurable
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.46 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds RingOffMax: 2.5 seconds	Yes

Pakistan (urd)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 15, 1122, 115, 16

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	425	Continuous
Busy Tone	400	(0.5/0.5) on/off
Fast Busy	400	(0.5/0.5) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400	(1.0/2.0) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency		Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+05:00) Islamabad, Karachi	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.46 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds RingOffMax: 2.5 seconds	Yes

Peru (esr)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Mexican Spanish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	PEN	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+05:00) Bogota, Lima, Quito	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
	T3: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Latin Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Philippines (enp)

Locale: default

Region: CALA

Emergency Numbers (Basic Edition): 0

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	350+440	Continuous
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	440/620	(0.25/0.25) alternating tone
Ring Tone	440+480	(2.0/4.0) on/off
Call Waiting Tone	480+620	(0.2/1200) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD (Bellcore202)	Yes
Default Message Waiting Indication Type	51 V Stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect 480+620 Hz 0.25/0.25 seconds or 480+620 Hz 0.5/0.5 seconds	Yes
Display Language	English US	Yes
Feature Phone Clearing	Go idle	Yes

Table continues...

Locale settings

Setting	Value	Configurable
Voicemail Truncation Time	4 seconds	Yes
Default Currency	PHP	Yes
Date/Time Format	mm/dd 24 hour	Yes
Default Time Zone	(UCT+08:00)	Yes

Language

Setting	Value	Configurable
Phones	English	Yes
Voicemail	English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSKD BELLCORE202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	300 R + (1Kr 210nF)	Yes
Busy Tone Detection	Busy tone disconnect 480+620 Hz 0.25/0.25 seconds or 480+620 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 6.0 seconds	Yes

Poland (plk)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.5/0.5) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.15/0.15/0.15/10.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	PLN	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Sarajevo, Skopje, Warsaw, Zagreb	Yes

Language

Setting	Value	Configurable
Phones	DS: Polish	Yes
	T3: English	Yes
Voicemail	Pro: Polish	Yes
	Embedded: Polish	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R (820 R 115nF)	Yes
Balance Impedance	220 R (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Portugal (ptg)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+450	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK20	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Portuguese	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Language

Setting	Value	Configurable
Phones	DS: Brazilian, Portuguese	Yes
	T3:	Yes
Voicemail	Pro: Brazilian, Portuguese	Yes

Table continues...

Setting	Value	Configurable
	Embedded: Brazilian, Portuguese	Yes
IP Office Manager	Brazilian	Yes
System Status Application	Brazilian, Portuguese	Yes
Phone Manager	Brazilian, Portuguese	Yes
Soft Console	Brazilian	Yes
one-X Portal for IP Office	Brazilian, Portuguese	Yes
IP Office Custom Call Reporter	Brazilian, Portuguese	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	375 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 6.0 seconds	Yes

Qatar (arq)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 999

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(1.0/0.5) on/off
Secondary Dial Tone	350+440	Continuous
Busy Tone	400	(0.8/0.8) on/off
Fast Busy	400	(0.4/0.35/0.22/0.52) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.38/0.25/0.38/2.0) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Call Waiting Tone	400	(0.2/0.6/0.2/5.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Kuwait, Riyadh	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.46 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds RingOffMax: 2.5 seconds	Yes

Romania

Locale: Use the [United Kingdom locale settings](#) on page 101.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Russia (rus)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	Continuous
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.35/0.35) on/off
Fast Busy	425	(0.2/0.2) on/off
Intercept Busy Tone	425	(0.35/0.35) on/off
Ring Tone	425	(0.1/4.0) on/off
Call Waiting Tone	425	(0.2/5.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	None	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Russian	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	RUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Moscow, St. Petersburg, Volgograd	Yes

Language

Setting	Value	Configurable
Phones	DS: Russian	Yes
	T3:	Yes
Voicemail	Pro: Russian	Yes
	Embedded: Russian	Yes
IP Office Manager		Yes
System Status Application		Yes
Phone Manager	Russian	Yes
Soft Console	Russian	Yes
one-X Portal for IP Office	Russian	Yes
IP Office Custom Call Reporter	Russian	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	150 R + (510 R 47nF)	Yes
Busy Tone Detection	425 Hz 0.35/0.35 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Saudi Arabia (ara)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 997, 998, 999

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(2.0/4.0) on/off
Call Waiting Tone	480+620	(0.1/0.2/1200.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ -law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency	SAR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+03:00) Kuwait, Riyadh	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R + (1000 R 210nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 6.0 seconds	Yes

Singapore (zhi)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): 122, 122, 180

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.1/0.1) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/2.0) on/off
Call Waiting Tone	350+440	(0.25/0.25/0.25/5.25) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.150 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ -law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	TWD	Yes

Table continues...

Setting	Value	Configurable
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+08:00) Kuala Lumpur, Singapore	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK	Yes
	Embedded: Chinese	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 1.0 seconds RingOffMax: 2.0 seconds	Yes

Slovak Republic

Locale: Use the [Poland locale settings](#) on page 76 with the following changes.

Region: EMEA

Emergency Numbers (Basic Edition): 112

Analog phone settings

Setting	Value	Configurable
Minimum Flash Hook Time	0.070 seconds	Yes
Maximum Flash Hook	0.150 seconds	Yes

Locale-specific behavior

Setting	Value	Configurable
Display Language	Slovak SK	Yes
Default Time Zone	(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague	Yes

Slovenia

Locale: Use the [Germany locale settings](#) on page 36 with the following change.

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Display Language	English	Yes

South Africa (ens)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 10111, 10177

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+450	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK20	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	ZAR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+02:00) Harare, Pretoria	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes

Table continues...

Locale settings

Setting	Value	Configurable
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	400 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 5.0 seconds	Yes

Spain (esp)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.25/0.25) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(0.25/0.25) on/off
Ring Tone	425	(1.5/3.0) on/off
Call Waiting Tone	425	(0.15/0.15/0.15/30.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Spanish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	EUR	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish, Spanish	Yes
	T3: Latin Spanish, Spanish	Yes
Voicemail	Pro: Latin Spanish, Spanish	Yes
	Embedded: Latin Spanish, Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish, Spanish	Yes
Soft Console	Latin Spanish, Spanish	Yes
one-X Portal for IP Office	Latin Spanish, Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish, Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.2/0.2 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 4.0 seconds	Yes

Sweden (sve)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.25/0.25) on/off
Fast Busy	425	(0.25/0.25) on/off
Intercept Busy Tone	425	(0.25/0.25) on/off
Ring Tone	425	(1.0/5.0) on/off
Call Waiting Tone	425	(0.08/120.0) on/off
Number Unobtainable Tone	425	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	DTMFA	Yes

Table continues...

Setting	Value	Configurable
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Swedish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	SEK	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: Swedish	Yes
	T3:	Yes
Voicemail	Pro: Swedish	Yes
	Embedded: Swedish	Yes
IP Office Manager		Yes
System Status Application		Yes
Phone Manager	Swedish	Yes
Soft Console	Swedish	Yes
one-X Portal for IP Office		Yes
IP Office Custom Call Reporter		Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	220 R (820 R 115nF)	Yes
Balance Impedance	220 R (820 R 115nF)	Yes

Table continues...

Setting	Value	Configurable
Busy Tone Detection	425 Hz 0.25/0.25 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 6.0 seconds	Yes

Switzerland (frs, des, its)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(1.0/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	425	(0.5/0.5) on/off
Fast Busy	425	(0.5/0.5) on/off
Intercept Busy Tone	425	(0.2/0.2) on/off
Ring Tone	425	(1.0/4.0) on/off
Call Waiting Tone	425	(0.2/0.2/0.2/4.0) on/off
Number Unobtainable Tone	425	(0.2/0.2) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK20	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	French, Italian or German depending on specific selected locale	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	CHF	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Yes

Language

Setting	Value	Configurable
Phones	DS: (based on profile language)	Yes
	T3: (based on profile language)	Yes
Voicemail	Pro: (based on profile language)	Yes
	Embedded: (based on profile language)	Yes
IP Office Manager	(based on profile language)	Yes
System Status Application	(based on profile language)	Yes
Phone Manager	(based on profile language)	Yes
Soft Console	(based on profile language)	Yes
one-X Portal for IP Office	(based on profile language)	Yes
IP Office Custom Call Reporter	(based on profile language)	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes

Table continues...

Setting	Value	Configurable
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Taiwan (cht)

Locale: Default

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.1/0.1) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	440/620	(0.25/0.25)/(0.25/0.25) on/off
Ring Tone	440+480	(1.0/2.0) on/off
Call Waiting Tone	350+440	(0.25/0.25/0.25/5.25) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.150 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	DTMF/FSK D (auto detected)	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	TWD	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+08:00) Taipei	Yes

Language

Setting	Value	Configurable
Phones	DS:	Yes
	T3:	Yes
Voicemail	Pro: Mandarin, Cantonese	Yes
	Embedded: Mandarin, Cantonese	Yes
IP Office Manager	Simplified Chinese	Yes
System Status Application	Simplified Chinese	Yes
Phone Manager	Simplified Chinese	Yes
Soft Console	Simplified Chinese	Yes
one-X Portal for IP Office	Simplified Chinese	Yes
IP Office Custom Call Reporter	Simplified Chinese	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	DTMF	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	480+620 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Thailand

Locale: Use the [United Kingdom locale settings](#) on page 101 with the following change.

Region: APAC

Emergency Numbers (Basic Edition): Configurable

Locale-specific behavior

Setting	Value	Configurable
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Turkey (trk)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition):

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	Continuous
Ring Tone	440+480	(2.0/4.0) on/off
Call Waiting Tone	480+620	(0.0/0.1/0.2/1200.0) on/off
Number Unobtainable Tone	480+620	(0.25/0.25) on/off

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	0 seconds	Yes
Default Currency	YTL	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+02:00) Athens, Bucharest, Istanbul	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	220 R + (820 R 115nF)	Yes
Balance Impedance	220 R + (820 R 115nF)	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

United Arab Emirates (aru)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): 112

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	440	Continuous
Alt Dial Tone	440	(1.0/0.5) on/off
Secondary Dial Tone	440+350	Continuous
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.4/0.35/0.225/0.525) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	5 seconds	Yes
Default Currency		Yes

Table continues...

Setting	Value	Configurable
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT+04:00) Abu Dhabi, Muscat	Yes

Language

Setting	Value	Configurable
Phones	DS: English	Yes
	T3: English	Yes
Voicemail	Pro: English	Yes
	Embedded: English, Arabic	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.375/0.375 seconds	Yes
Disconnect Clear	0.46 seconds	Yes
Hook Flash Pulse Widths	0.46 seconds	Yes
Ring Detection Settings	Persistency: 0.25 seconds RingOffMax: 2.5 seconds	Yes

United Kingdom (eng)

Locale: Default

Region: EMEA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+450	Continuous
Alt Dial Tone	350+450	(0.1/0.5) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	400	(0.375/0.375) on/off
Fast Busy	400	(0.375/0.375) on/off
Intercept Busy Tone	400	Continuous
Ring Tone	400+450	(0.4/0.2/0.4/2.0) on/off
Call Waiting Tone	400	(0.1/30.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.025 seconds	Yes
Maximum Flash Hook	0.350 seconds	Yes
Default Caller Display Type	UK	Yes
Default Message Waiting Indication Type	On: 101 V on Phone V2 modules and IP500 Phone cards, otherwise 81 V	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	a-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Disconnect clear	Yes
Display Language	English UK	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	GBP	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT) Dublin, Edinburgh, Lisbon, London	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK v23	Yes
Termination Impedance	220 R (820 R 115nF)	Yes
Balance Impedance	220 R (820 R 115nF)	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.2 seconds RingOffMax: 4.0 seconds	Yes

United States (enu)

Locale: Default

Region: NA

Emergency Numbers (Basic Edition): 911

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	350+440	Continuous
Alt Dial Tone	350+440	(0.25/0.25) on/off

Table continues...

Tone	Frequency (Hz)	Cadence (seconds)
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(2.0/4.0) on/off
Call Waiting Tone	480+620	(0.0/0.1/0.2/1200.0) on/off
Number Unobtainable Tone	400	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	20 Hz	No
Minimum Flash Hook Time	0.300 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Number unobtainable	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	English US	Yes
Feature Phone Clearing	Go idle	Yes
Voicemail Truncation Time	0 seconds	Yes
Default Currency	USD	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-05:00) Eastern Time (US & Canada)	Yes

Language

Setting	Value	Configurable
Phones	DS: English UK, English US	Yes
	T3: English UK, English US	Yes
Voicemail	Pro: English UK, English US	Yes
	Embedded: English UK, English US	Yes

Table continues...

Setting	Value	Configurable
IP Office Manager	English	Yes
System Status Application	English	Yes
Phone Manager	English	Yes
Soft Console	English	Yes
one-X Portal for IP Office	English	Yes
IP Office Custom Call Reporter	English	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes
Termination Impedance	600 R	Yes
Balance Impedance	350 R (1000 R 210nF)	Yes
Busy Tone Detection	None	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Venezuela (esv)

Locale: Default

Region: CALA

Emergency Numbers (Basic Edition): Configurable

Tones

Tone	Frequency (Hz)	Cadence (seconds)
Dial Tone	425	Continuous
Alt Dial Tone	425	(2.0/4.0) on/off
Secondary Dial Tone	Dial tone	Dial tone
Busy Tone	480+620	(0.5/0.5) on/off
Fast Busy	480+620	(0.25/0.25) on/off
Intercept Busy Tone	480+620	(0.25/0.25) alternating tones
Ring Tone	440+480	(1.0/3.0) on/off
Call Waiting Tone	480+620	(0.06/0.25/0.06/5.0) on/off
Number Unobtainable Tone	480+620	Continuous

Analog phone settings

Setting	Value	Configurable
Ring Current Frequency	25 Hz	No
Minimum Flash Hook Time	0.050 seconds	Yes
Maximum Flash Hook	1.000 seconds	Yes
Default Caller Display Type	FSKD	Yes
Default Message Waiting Indication Type	51 V stepped	Yes

Locale-specific behavior

Setting	Value	Configurable
Companding	μ-law	Yes
Dialing Timeout	30 seconds from start of dialing	No
Disconnect Tone	Busy	Yes
Disconnect Method	Busy tone disconnect	Yes
Display Language	Mexican Spanish	Yes
Feature Phone Clearing	Disconnect tone	Yes
Voicemail Truncation Time	7 seconds	Yes
Default Currency	VEB	Yes
Date/Time Format	dd/mm 24 hour	Yes
Default Time Zone	(GMT-04:30) Caracas	Yes

Language

Setting	Value	Configurable
Phones	DS: Latin Spanish	Yes
	T3: Latin Spanish	Yes
Voicemail	Pro: Latin Spanish	Yes
	Embedded: Latin Spanish	Yes
IP Office Manager	Latin Spanish	Yes
System Status Application	Latin Spanish	Yes
Phone Manager	Latin Spanish	Yes
Soft Console	Latin Spanish	Yes
one-X Portal for IP Office	Latin Spanish	Yes
IP Office Custom Call Reporter	Latin Spanish	Yes

Analog trunk

Setting	Value	Configurable
CLI Type	FSK BELL202	Yes

Table continues...

Setting	Value	Configurable
Termination Impedance	600 R	Yes
Balance Impedance	600 R	Yes
Busy Tone Detection	425 Hz 0.5/0.5 seconds	Yes
Disconnect Clear	0.5 seconds	Yes
Hook Flash Pulse Widths	0.5 seconds	Yes
Ring Detection Settings	Persistency: 0.4 seconds RingOffMax: 5.0 seconds	Yes

Vietnam

Locale: Use the [United Kingdom locale settings](#) on page 101.

Region: APAC

Emergency Numbers (Basic Edition): Configurable