

Firmware Version 7.4

More competence in VoIP



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Get more info about:

- Maximum VoIP
- Auto Provisioning
- Features, advantages and applications



MAXIMUM VOIP

32



80

Maximum VoIP



Background

The target

- Expansion of the possibilities around VoIP
- True „VoIP appliance“
- Significantly more VoIP channels for COMpact 5200/5200R/5500R

The solution

- Second Ethernet interface (NET module since 01/18)
- Release of processor performance
 - Flexible adaptation to the particular demands
 - Not really needed? Let's switch it off!!



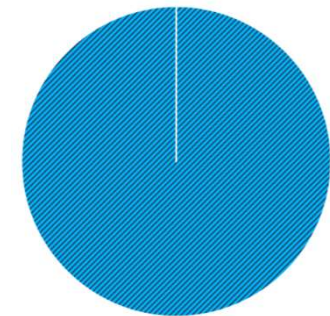
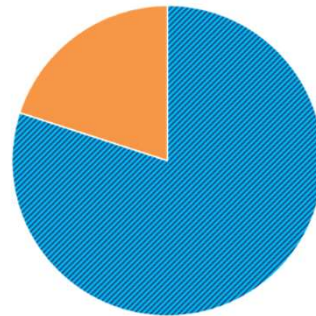
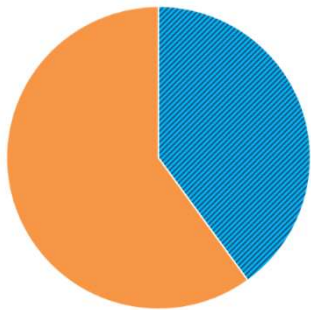
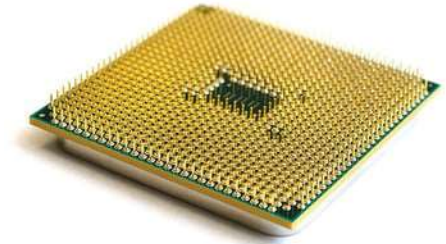
Maximum VoIP

Implementation

Reallocation of processor performance

- **Up to now:** Big part of the performance used up for echo cancelling /complex codecs
- **Now:** Concentration on important codecs (G.711)
Usage of less modules
- **Or:** Pure VoIP system with 80 channels

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Maximum VoIP

COMpact 5500R

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PRESETTING OF THE VOIP CHANNELS

	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VoIP operating mode	Classic	Mixed	Broadband	VoIP oriented	VoIP maximum
VoIP channels (unlocked/max. possible)	32 / 32	32 / 64	32 / 64	32 / 72	32 / 80
codecs internal	all	G.711	G.711 / G.722	G.711	G.711
codecs external	all	G.711 / G.729	G.711 / G.722	G.711 / G.729	G.711
Max. number modules (without NET module)	5	5	1	1	0

Now up to **80** VoIP channels!

Configuration via 5 presets

Maximum VoIP

COMpact 5200/5200R

PRESETTING OF THE VOIP CHANNELS

	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
VoIP operating mode	Classic	Mixed	VoIP maximum
VoIP channels (unlocked/max. possible)	32 / 16	32 / 28	32 32
codecs internal	all	G.711	G.711
codecs external	all	G.711 / G.729	G.711
Max. number modules (without NET module)	5	1	0

Now up to **32** VoIP channels!

Configuration via 3 presets

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Maximum VoIP

Advantages

Flexibility

- More growth possible
- Attractive for bigger setups

More simultaneous calls

- Sufficient internal channels in conjunction with more external lines
- More traffic possible (e.g. for call centers)

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Maximum VoIP

Advantages (spec. COMpact 5500R)



VoIP Appliance

- Attractive as pure VoIP system
- The VoIP alternative to the COMmander systems
 - 2nd Ethernet interface
 - More channels in the system
 - Compact (for VoIP setups)
- Exciting as well
 - Auto -Provisioning (extremely simple setup of the phones)
 - Broad selection of possible terminals (incl. alternative vendors)

More on the
next slides!!



Maximum VoIP

Requirements

Systems

- COMpact 5200/5200R
- COMpact 5500R

Firmware

- Version **7.4A** (or higher)

Licenses

- For COMpact 5200(R):
- For COMpact 5500R:

Voucher art.no. **94575** (expansion with 4 VoIP channels)

4 (base) → 8 → ... → 32 = max. **7** release codes

Voucher art.no. **94582** (expansion with 8 VoIP channels)

8 (base) → 16 → ... → 80 = max. **9** release codes

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Please observe:
Number of
modules!



AUTO PROVISIONING

D
series

Yealink

snom

Auto Provisioning



Background

The target

- Advanced simplification of the setup process (zero touch)
 - For IP phones working on our ICT systems
 - Step 1: in version 7.2
- Installation – as fast as possible
- Integration of devices of other vendors



The solution, step 2

- Individual template files for each vendor
- Variable and automated

Auto Provisioning

Contents



New in step 2

- Automatic locating of the system
- Exchange of certificates
- Switch over into safe mode (<https://>)
- Selection of the device type
- Placeholder in the templates
- System fills in the relevant data
 - No separate file per phone anymore!!

Specially for D series

- Own template
- Incl. **LUA script**
 - ONE key for ON/OFF
 - System provides state
 - LED control

Auto Provisioning

Settings



COMPact 5500R Subscriber (scr.) - IP provisioning

Version 7.4A - Build 000 , Date 03.07.2019, SN 4102923106 | Logged in as: Administrator | PBX name: PM Test

The screenshot shows the 'FILE MANAGEMENT' section of the IP provisioning settings. A dropdown menu is open for 'DEVICE TYPES', listing various device models. The table below shows the configuration for three files: 'standard.xml', 'd-series_template.xml', and 'yealink.cfg'.

File	Device type	Use for Device type	Authorisation
standard.xml	Auserwald devices	COMfortel IP	No authorisation
d-series_template.xml	COMfortel 1200 IP	COMfortel 1200 IP	100 D-100
yealink.cfg	COMfortel C-400	Yealink	200 T-46S

The dropdown menu for 'DEVICE TYPES' includes the following items:

- COMfortel 1200 IP
- COMfortel C-400
- COMfortel D-Serie
- COMfortel IP
- Foreign devices**
- Polycom
- SNOM
- Standard VoIP phone
- Yealink

- NEW: selection of the templates

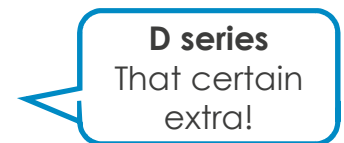
Auto Provisioning

Advantages



Perfect system integration

- Auto provisioning with templates → simple setup
- Function keys/LEDs for important system functions → great benefit!



Flexibility!!!

- Auerswald dealers
 - D series well integrated → really attractive now!!
 - The customer wants phones of other vendor? → easy!!
 - Switchback cloud PBX – inhouse system → keep existing phones!!
- Others
 - Continue to offer current phones → attractive system to go with them!!



Auto Provisioning



Requirements

Systems

- COMpact 4000 / 5000(R) / 5200(R) / 5500R
- COMmander 6000(R/RX)

Firmware

- Version 7.4A (or higher)

Phones

- FONtevo D series
- Yealink, snom, Polycom (more possible)

Licenses

- SIP comfort package brand plus
 - Voucher art.no. 94626 to 94630 (depening on system)



ANYTHING MORE?



More news

Improvements



FMC functionality extended

- Busy lamps at FONtevo system phones (status mobile phone)
- Switching between parallel call/FMC (adaptation to the individual usage)

API expanded (Hotel)

- Blocking of room-to-room calls („spring break“ function)
- Logging of wake-up calls

Browser cache

- Deleting of the cache not necessary anymore
- Has blocked webpages quite often

