# Unify OpenScape

# Atos Unify OpenScape Desk Phone CP telephone family

The OpenScape Desk Phone CP family offers meticulously conceived, compact and easy-to-administer devices to fulfill the infinitely varied needs of a multitude of users.

OpenScape
Desk Phone CP100

OpenScape
Desk Phone
CP200/CP205

OpenScape
Desk Phone CP400

## Intuitive, space-saving and convenient

The ergonomically designed, user-friendly and economical devices of the OpenScape Desk Phone CP telephone family are equipped with a wide variety of functions. They can be easily and conveniently operated, without having to make any compromises in the crystal-clear HD audio quality or performance.

## Interoperability

The OpenScape Desk Phone CP family provides for interoperability between the office telephone and other devices via Bluetooth®, incl. Bluetooth LE Beacon facilitated by Eddystone™. NFC (Near Field Communication) and UC make these telephones into a high-performance communications center.

Devices of the OpenScape Desk Phone CP family can be integrated in existing IT/IP infrastructures without any problems. Each telephone features an integrated Ethernet switch and is supplied with electrical power by means of Power over Ethernet.

Atos

OpenScape
Desk Phone CP600E

OpenScape
Desk Phone CP600



OpenScape
Desk Phone CP700X

OpenScape
Desk Phone CP700

## Acoustics

OpenScape Desk Phone CP works with the latest advances in the field of acoustics, and thus offers superb voice quality in the hand-held unit and hands-free mode.

All models are standard-equipped with a high-quality hands-free feature. In addition, most models offers a connection option for professional headsets.

*Experience ...*
*AudioPresence™*



The OpenScape Desk Phone CP product family offers the industry's leading HD voice transmission – AudioPresence™ HD.

AudioPresence™ HD ensures that the users of these telephones can get an immersive audio experience for voice calls and audio conferences. AudioPresence™ HD is provided for the most of the entire portfolio of the OpenScape Desk Phone CP product family.

AudioPresence™ HD leverages the standards-based G.722 high-definition audio codec, best-in-class speaker, microphone and acoustic components, as well as advanced noise suppression and echo cancellation on all Desk Phone CP models.

## New and state-of-the art user interface

The colored graphical user interface of the Desk Phone CP600/CP700 provides clear legibility and is therefore also easily and intuitively operable during a phone call. All necessary information and functions can be readily recognized.
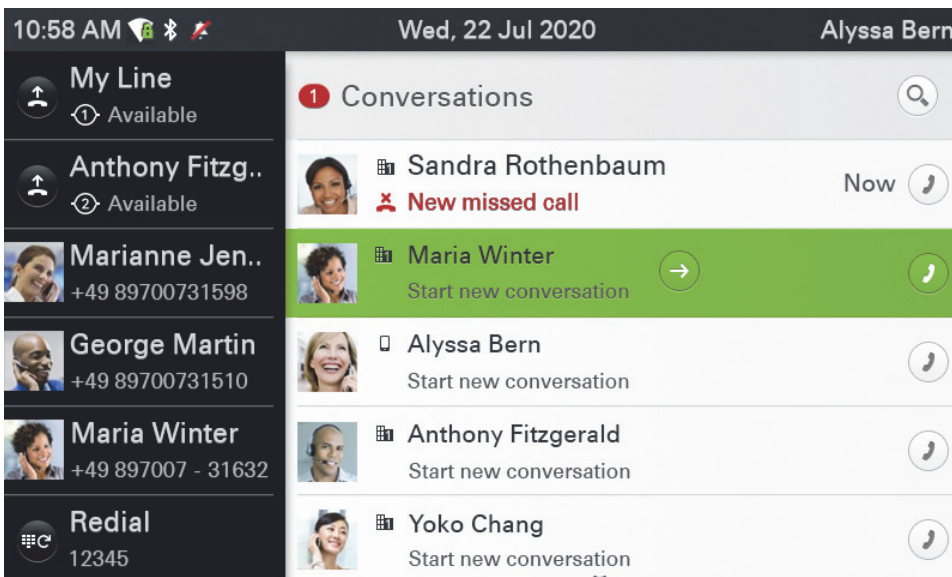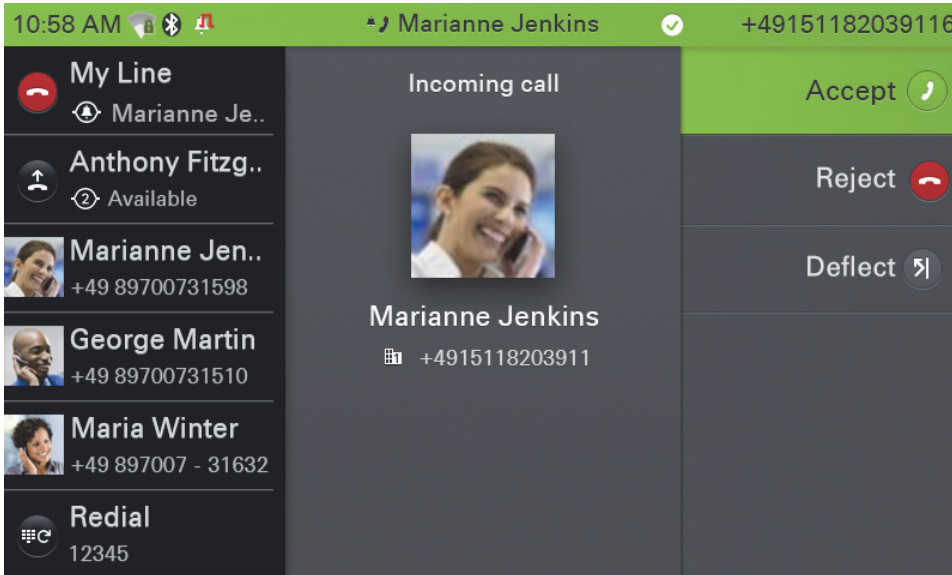
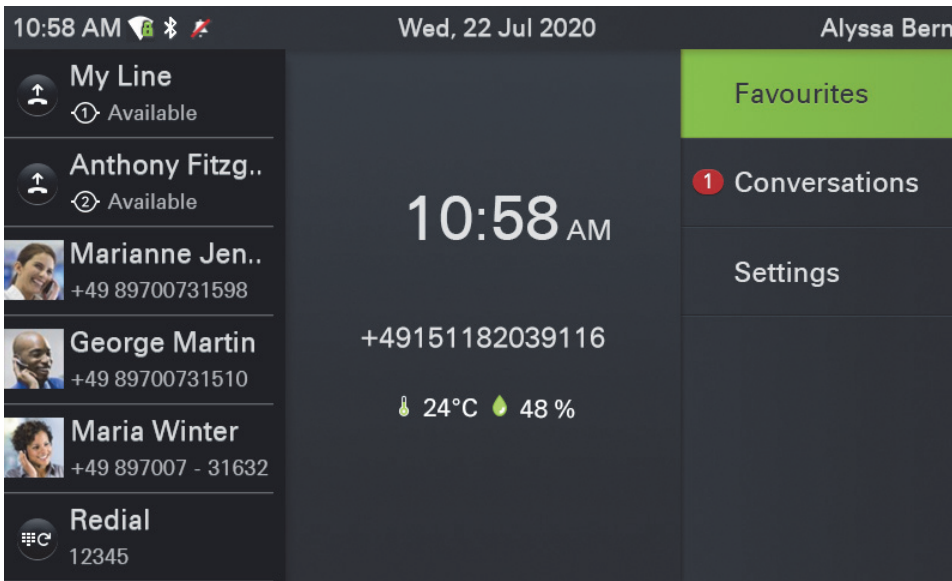## UC integration

Unify offers integration between the OpenScape Desk Phone CP400/CP600/CP700 devices and the Atos Unify OpenScape UC software. This integration provides Unify customers with more comprehensive possibilities for working together within a team.

## Operational software

- SIP software is pre-installed
- Plug & Play / automatic software deployment via Atos Unify DLS
- CorNet-IP / HFA

# Example illustrations

Illustration dependent on the communication system used.

# Phone models

## OpenScape Desk Phone CP100

The ideal device for entry level, low-cost scenarios without compromise in quality.

### Display
- Graphical three-line display (162 x 48 pixels), monochrome
- Signaling LED (red)

### Keys
- 3 freely programmable function keys with Soft Label on LCD
  Pre-assignment: call log, forwarding, redialing
- 2 fixed function keys: settings, messages
- 3-way navigator plus OK key
- 2 audio function keys (mute/loudspeaker)
- Volume +/-
- Open listening/hands free speaking (full duplex)

### Placement
- Base, two different placement angles
- Integrated Wall mounting in the base

## OpenScape Desk Phone CP200/CP205

Outstanding voice quality, an extensive scope of features and a two-line display make this device the ideal choice for users with UC/CTI support.

### Display
- Graphical two-line display (192 x 48 pixels), monochrome
- Signaling LED (red/green/orange)

### Keys
- 4 freely-programmable function keys with an LED (red/green/orange)
  Pre-assignment: call log, contacts, forwarding, redialing
- 5 fixed function keys, 3 with LED (red or green):
  hold, transfer, conference calling, settings, messages
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset) with LED
- Volume +/-
- Open listening/hands-free speaking (full duplex)

### Connection options
- Headset interface (DHSG/EHS)

### Placement
- Base, two different placement angles
- Wall-mounting

## OpenScape Desk Phone CP400

The larger display and individual options for customization make this telephone the ideal solution for office workplaces and teams.

### Display
- Pivotable graphical display, 3.7" (240 x 120 pixels), monochrome
- LED backlighting (white)
- Signaling LED (red/green/orange)

### Keys
- 4 context-sensitive softkeys with LED (red/green/orange)
- 2 fixed function keys (menu/absence)
- 16 freely-programmable function keys with LED (red/green/orange)
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset) with LED
- Volume +/-
- Open listening/hands-free speaking (full duplex)

### Connection options
- Headset interface (DHSG/EHS)
- Atos Unify OpenScape Key Module 400

### Placement
- Base, two different placement angles

## OpenScape Desk Phone CP600/CP600E

This device was developed for demanding users and provides crystal-clear HD voice quality, a brilliant color display and a broad range of functions.



### Display
- Pivotable graphic color display, 4.3" (480 x 272 pixels)
- CP600: color, CP600E greyscale
- LED backlighting (white)
- Signaling LED (red/green/orange)

### Keys
- 5 context-sensitive softkeys with LED (red/green/orange)
- 2 fixed function keys (menu/absence)
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset) with LED
- Volume +/-
- Open listening/hands-free speaking (full duplex)

### Connection options
CP600E/CP600:
- Headset interface (DHSG/EHS)
- OpenScape Key Module 600

CP600 only:
- Bluetooth 2.1 BR/EDR
- Bluetooth 4.1 LE
- NFC
- Slot for SD card

### Placement
- Base, two different placement angles
- Wall-mounting

## OpenScape Desk Phone CP700/CP700X

This comprehensive desktop device with extended interoperability, easy to read extra-large display and elegant user interface is a powerhouse phone that brings more than just voice communication to the desktop.



The CP700X provides additionally Wi-Fi connectivity.

### Display
- Pivotable graphic color display, 5.0" (800 x 480 pixels)
- LED backlighting (white)
- Signaling LED (red/green/orange)

### Keys
- 6 permanent free programmable keys with LED (red, green, orange)
- 6 context-sensitive softkeys with LED (red/green/orange)
- 7 fixed function keys: menu, presence, voicemail, hold, transfer, conference and redial
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset) with LED
- Volume +/-
- Open listening/hands-free speaking (full duplex)
- Bluetooth support with 2 simultaneous audio streams

### Connection options
- Headset interface (DHSG/EHS)
- Bluetooth 2.1 BR/EDR
- Bluetooth 5.0 LE
- NFC
- OpenScape Key Module 600
- CP700X: Wi-Fi

### Placement
- Base, two different placement angles
- Wall-mounting

# Accessories

## OpenScape Key Module 400

The OpenScape Key Module 400 can be connected to the Desk Phone CP400.

The 16 freely-programmable keys with LED signaling can have various functions assigned as desired.

- 16 freely-programmable keys with LEDs (red/green/orange)
- Key labeling using paper inlays
- Max. 2 key modules connectible to a CP400
- Only usable on CP400

## OpenScape Key Module 600

The OpenScape Key Module 600 can be connected to the Desk Phone CP600/ CP600E and CP700/CP700X.

Each of the 12 freely-programmable keys with LED signaling can be assigned with functions on two levels. This supplementary increases the possible scope of functions.

The high-contrast, monochrome TFT display enables comfortable and perfectly legible labeling of each key.

- 12 freely-programmable keys with LEDs (red/green/orange)
- Key labeling by means of a monochrome TFT display
- 2 navigation keys for switching between the first and second levels
- Max. 4 (CP600/CP700X) / 2 (CP600E/ CP700) key modules connectable
- Only usable on CP600/CP600E/ CP700/CP700X

# Communications platforms

The OpenScape Desk Phone CP product family supports SIP (Session Initiation Protocol) signaling.

The following communications platforms are supported:

## SIP

- from Atos Unify OpenScape Voice V7R1
- from Atos Unify OpenScape 4000 V8
- Atos Unify Office: from CP SIP V1 R7.8.0

### CP100

- from OpenScape Voice V9R3
- from OpenScape 4000 V8R2

### CP700/CP700X

- from OpenScape Voice V9R3
- from OpenScape 4000 V10R0
- from OpenScape Business V3FR1

## HFA

### CP100

From Atos Unify OpenScape Business V2R6

### CP200/CP205

- from OpenScape Business V2R2
- from OpenScape 4000 V8

### CP400/CP600

- from OpenScape Business V2R3
- from OpenScape 4000 V8R1

### CP700/CP700X

- from OpenScape Business V3R1
- from OpenScape 4000 V10R0

# Technical data

| | Desk Phone CP100 | Desk Phone CP200/CP205 | Desk Phone CP400 | Desk Phone CP600/CP600E | Desk Phone CP700/CP700X |
|---|---|---|---|---|---|
| Housing color | black | | | | CP700: black CP700X: black/silver |
| Placement angle | 2-stage | | | | |
| Handset and base embossed with Unify logo | Yes | | | | |
| **Display** | | | | | |
| Dimensions | Graphical three-line display

162 x 48 pixels | Graphical two-line display

192 x 48 pixels | Graphical display, 3.7"

240 x 120 pixels | CP600: Graphical color display, 4.3"

CP600E: Graphical greyscale display, 4.3"

480 x 272 pixels | Graphical color display, 5.0"

800x480 pixels |
| Color | Monochrome | Monochrome | Monochrome | CP600: 16-bit color depth

CP600E: 256 greyscales | Color |
| Backlighting | No | No | White LED | White LED | White LED |
| Adjustable display | No | No | Yes | Yes | Yes |
| Additional optical call alert | Yes (red) | Yes (red/green/orange) | | | |
| **Keys/LEDs** | | | | | |
| Context-sensitive softkeys | No | No | 4 with LED (red/green/orange) | 5 with LED (red/green/orange) | 6 with LED (red/green/orange) |
| Fixed function keys | 2 (Settings/messages) | 5

3 with LED

Hold, transfer, conference calling, settings, messages | 2 (Menu/presence) | 2 (Menu/presence) | 7 (Menu, presence, voicemail, hold, transfer, conference and redial) |
| Free-programmable keys | 3 with LCD Label call log, forwarding, redialing | 4 with LED (red/green/orange) Pre-assignment: call log, contacts, forwarding, redialing | 16 with LED (red/green/orange) | None Alternative: favorites with LED (red/green/orange) | 6 with LED (red/green/orange) plus 6 favorites with LED (red/green/orange) |
| Key labeling | Display | Paper | Paper | Display | Display |
| Audio keys | 2 (Mute,loudspeaker) Volume +/- | 3 (Mute/loudspeaker/headset) with LED Volume +/- | | | |
| Navigation | 3-way navigator, plus OK key | 4-way navigator, plus OK key | | | |
| **Audio** | | | | | |
| G.711 (64 kbit/s a/µ-law) | Yes | | | | |
| G.722 (64 kbit/s) | No | Yes | | | |
| G.729AB (8 kbit/s) | Yes | | | | |
| OPUS | No | Yes | | | |
| Open listening | Yes | | | | |
| Full duplex handsfree | Yes | | | | |

| | Desk Phone CP100 | Desk Phone CP200/CP205 | Desk Phone CP400 | Desk Phone CP600/CP600E | Desk Phone CP700/CP700X |
|---|---|---|---|---|---|
| Echo canceling for local echo (AEC) full duplex | Yes | | | | |
| **Interfaces** | | | | | |
| LAN connection (Ethernet with auto-sensing) | 10/100 Mbit/s | CP200: 10/100 Mbit/s<br>CP205: 10/100/1000 Mbit/s | 10/100/1000 Mbit/s | | |
| Integrated switch | Yes | | | | |
| Energy Efficient Ethernet (IEEE 802.3az) | No | CP200: No<br>CP205: Yes | Yes | | |
| Wi-Fi 5, 802.11ac | No | | | | CP700: No<br>CP700X: Yes |
| Headset jack for cord-connected (121 TR9-5) and cordless headsets (121 TR9-5*) | No | Yes | | | |
| Bluetooth V2.1 BR/EDR (hands-free profile, headset profile) | No | No | No | Yes/No | Yes |
| Bluetooth Low Energy | No | No | No | 4.1/No | 5.0 |
| Passive RFID tag | Yes | | | | |
| Passive NFC tag with:<br>• BT/LAN MAC address | No | No | No | Yes/No | Yes |
| SD card slot | No | No | No | Yes/No | No |
| **VoIP protocol** | | | | | |
| SIP | Yes | | | | |
| CorNet IP / HFA | Yes | | | | |
| **Expansions** | | | | | |
| Connection option for Key module | No | No | Up to 2 KM400 | CP600: Up to 4 KM600<br>CP600E: Up to 2 KM600 | CP700: Up to 2 KM600<br>CP700X: Up to 4 KM600 |
| Wall mounting kit | Yes | Yes | No | Yes | Yes |
| **Security features** | | | | | |
| Layer 2 authentication (IEEE 802.1x) | Yes | | | | |
| Payload encryption via SRTP | Yes | | | | |
| Signaling via TLS encryption | Yes | | | | |
| Support of digital certificates (X.509 V3) | Yes | | | | |
| HTTPS | Yes | | | | |
| **Network** | | | | | |
| LLDP-MED | Yes | | | | |
| QoS (DiffServ and IEEE 802.1Q) | Yes | | | | |
| IEEE 802.1Q | Yes | | | | |

| | Desk Phone CP100 | Desk Phone CP200/CP205 | Desk Phone CP400 | Desk Phone CP600/CP600E | Desk Phone CP700/CP700X |
|---|---|---|---|---|---|
| **Power supply** | | | | | |
| Power over Ethernet (PoE, IEEE 802.3az) | Yes | | | | |
| PoE class | 1 | 1 | 2 | 2 | CP700: 2 CP700X: 3 |
| Number of key modules supported by PoE | --- | | 2 | 1 | CP700: 1 CP700X: 4 |
| Power consumption according to annual load cycle of RAL-UZ 150 (w/o. 802.3 az) [kWh] | 18,4 | CP200: 19,1 CP205: 19,6 (21,3) | 21,8 (24,2) | 24,8 (27,1) | CP700: 23,6 (26,0) CP700X: 23,7 (26,3) |
| OpenStage power supply (country-specific models available) | Optional | | | | |
| **Ecolabel certifications** | | | | | |
| ENERGY STAR | Yes | | | | |
| **Technical data** | | | | | |
| Dimensions (angle (°) x height [mm] x width [mm] x depth [mm]) | 17° x 100 x 161 x 200 51° x 170 x 161 x 146 | 20° x 113 x 219 x 207 45° x 173 x 219 x 165 | 20° x 143 x 283 x 207 45° x 189 x 283 x 165 | 20° x 150 x 219 x 207 45° x 193 x 219 x 165 | 20° x 114 x 251 x 214 45° x 174 x 251x 167 |
| Weight [kg] | 0.65 | 0.84 | 1.13 | 0.96 | 1.4 |
| Storage conditions | -40 °C to +70 °C (-40 °F to +158 °F) | | | | |
| Operating conditions | +5 °C to +40 °C (+41 °F to +104 °F) | | | | |

ENERGY STAR is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency criteria or requirements set by the U.S. Environmental Protection Agency.

Learn more at: energystar.gov

Unify is an ENERGY STAR partner participating in the ENERGY STAR program for Enterprise Servers and Telephony.

Most of the phones of the **OpenScape Desk Phone CP Family** have earned the ENERGY STAR.

Further information can be found at:

http://wiki.unify.com/wiki/OpenScape_Desk_Phone_CP