OpenScape Device Portfolio 2024

September 2024

Devices options for end user productivity

Alignment to organization outcomes

Opportunities from consumer space

Device and UI innovation

Mobile app choice and distribution

New ways to communicate & collaborate including M2M

Demands for better productivity

Optimizing employee productivity in any location

Face-to-face: expensive, time consuming

Mobility is now expected for majority of workers

How we communicate is personal

We're not alike

| Work Area | In-Office | Out-of-Office | At Home |

Devices and the end user
Achieving productive, effective communication

- Simplified settings improve the user experience

- Superior voice quality
alleviates demographic and language challenges

- Quality voice = positive brand

- Multi-media clients enable UC

- Make devices do more than voice

Devices and the end user

I have a story to tell but …

Employees spend more time **trying** to collaborate, rather than **collaborating**

Complex user interface

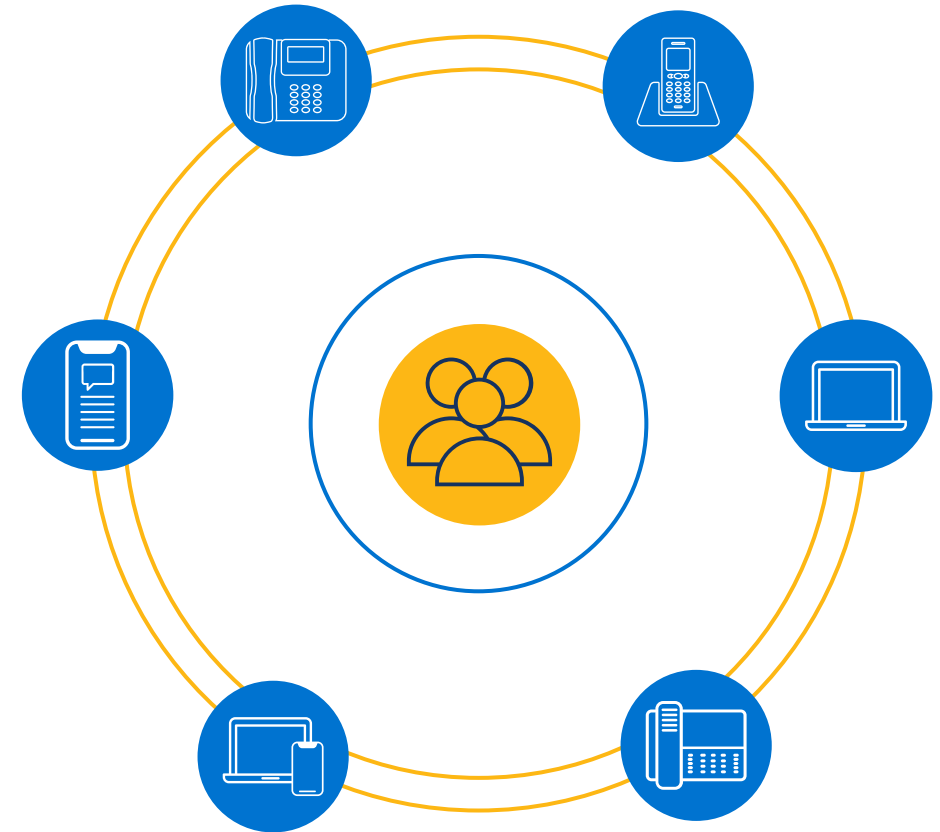Poor voice quality

Out of sync

Desk top overload

Poorly integrated apps and UC

Reduced mobility

OpenScape Communications Devices
Deliver productive, end-user focused experiences

- Ergonomic design for ease-of-use

- Robust, enterprise-grade security

- HD voice across entire IP Portfolio

- Extreme mobility-enabling capabilities

- Interoperability to communicate beyond voice

OpenScape Devices and Soft Clients

End to end communication … it starts right here.

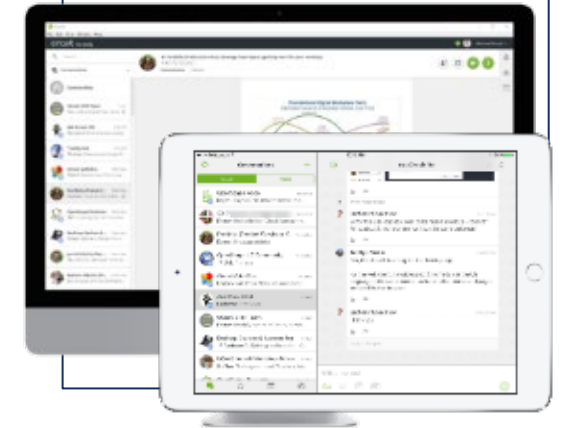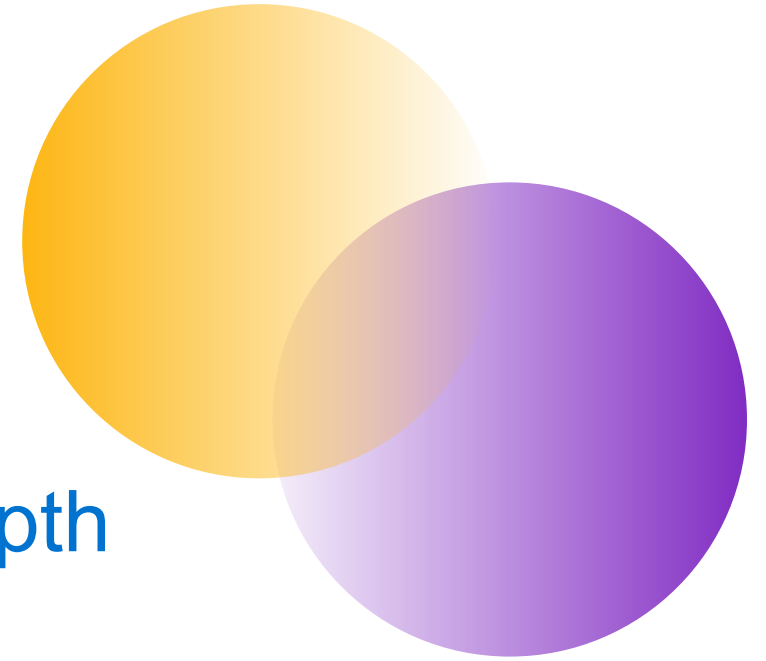| Desktop Devices	Mobile Clients	Wireless Devices	Soft Clients
Award-winning design offering high definition voice and maximum connectivity options	The industry's most complete mobile UC suite supports the anywhere worker	On-site mobile voice communications – reliable, secure and cost-effective DECT and WLAN solutions	Unified communication from your PC from with video and HD voice

OpenScape
Devices Portfolio In Depth

More flexibility with our proven devices and our new device family

Mitel OpenScape Desk Phones IP & TDM

CP205   CP400   CP600   CP700 / CP700X

HFA & SIP

CP110   **CP210**   **CP410**   **CP710**

TDM

CP205T   CP405T

DECT

The right device for every purpose

Wi-Fi

S6   SL6   R6   M3   WL4

Deskphone Connectivity Options to Phone System
Common design and user Interface independent of technology IP/ TDM /DECT

- **HFA (HiPath Feature Access)**
  - HFA is porting the TDM technology to IP desktop phones. The same technology is used but tunnelled over IP network
  - Additionally, the phone must fulfil enterprise network requirements

- **SIP (Session Initiation Protocol)**
  - SIP is a signalling standard for IP Phones driven by IETF (RFC 3261). Mitel uses vendor specific extensions to provide enhanced features for OpenScape Voice. Additionally, the phone must fulfil enterprise network requirements

- **TDM (Time Division Multiplexing)**
  - TDM is digital, proprietary and powerful stimulus protocol. A connected digital phone is controlled by the switch and has no own intelligence. The phone delivers key press events and audio to the switch. It receives display and LED information from the switch as well as audio

- **Easy migration of customers to SIP/ cloud by simply changing the phone SW from HFA to SIP**

- **Environmental protection measures**
  - Plastic-free packaging, cardboard made from renewable resources, etc.

- **Desk phones are Blue Angel (CPx10) and Energy Star certified to minimized resource consumption**

- **CP110/CP210/CP410/CP710**
  - Supports the EC's IT Resilience Initiative & TAA
  - Supports USB state-of-the-art interface for accessories

- **Support of 40 user languages (out of the box)**

- **Zero touch deployment**

OpenScape Desktop Phones
Elegant design and user centric features

- HD voice for crystal clear communications

- Stylish design with ergonomic controls and optional LCD color displays

- User-centric interfaces simplify access to key features and accessories

- Expanded interoperability including UC integration for a more powerful, intelligent desk phone

Vibrant conversations at the desktop with HD audio, point-to-point video, UC application access and interoperability

OpenScape CPx10 Desk Phone Family

OpenScape Desk Phone CP110

| HFA | SIP |

The desktop device for cost effective entry-level scenarios for enterprises with basic requirements and cloud installations

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

Keys
- 3 freely programmable function keys with Soft Label on LCD
- 2 fixed function keys Messages
- 3-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset)
- Volume +/-
- Open listening/hands free speaking (full duplex)
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 1

Placement
- Base, two different placement angles
- Wall mountable

OpenScape Desk Phone CP210

HFA   SIP

Evolution of the entry level desk top device with a feature rich, cost effective, end point with superior audio quality, ideal for many users with UC / CTI support

Display
- Graphical three-line display (199 x 48 pixels), monochrome
- Signaling LED (red, green, amber)

Keys
- 4 freely programmable function keys with Soft Label on the LCD display and with LED on the keys
- 5 fixed function keys, 3 with LED
- 4-way navigator plus OK key
- 3 audio function keys (mute/loudspeaker/headset)
- Volume +/-
- Open listening/hands free speaking (full duplex)

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- USB Interface
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 2 (max. 120mA USB load)

Placement
- Base, two different placement angles
- Wall mountable

OpenScape Desk Phone CP410

HFA SIP

Mid-tier device with a larger display, numerous programmable keys and optional key module

Display
- Tiltable graphical TFT display, 3.5" (480*320 pixel), color
- LED backlight (white)
- Signaling LED (red, green, amber)

Keys
- 5 context sensitive soft keys with LED
- 6 fixed function keys
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- USB Interface
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 2
- Up to 4 Key Module KM710 or 4 Key Module KM410

Placement
- Base, two different placement angles
- Wall mountable

OpenScape Desk Phone CP710

HFA | SIP

User-friendly form, function and interface, the CP710 combine powerful communication capabilities with a beautiful profile and housing design options

Display
- Tiltable graphical TFT display, 5.0" (1280*720 pixel), color
- LED backlight (white)
- Signaling LED (red, green, amber)

Keys
- 6 permanent visible free programmable keys with LED and context sensitive, two-line label
- 6 context sensitive soft keys with LED
- 6 fixed function keys
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- USB Interface
- Bluetooth 2.1 BR/EDR and Bluetooth 5.0 LE (dual mode device)
- NFC
- Up to 4 Key Module KM710 or 4 Key Module KM410
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 3

Placement
- Base, two different placement angles
- Wall mountable

KM410 and KM710

KM410

Up to four KM410 key modules may be connected concurrently

KM710

Up to four KM710 key modules may be connected concurrently

Accessories Wall Mount Kit and CP10 USB Wi-Fi stick

Wall Mount Kit

CP10 USB Wi-Fi stick

- Available for all new CPx10 models
- Simplified ordering, sparing and more sustainable

- Available for CP210, CP410 , CP710
- Wireless AC dual band 5GHz or 2.4GHz (802.11ac)
- Supports MU-MIMO and beam Forming
- Firmware upgradeable

OpenScape TDM Desk Phone Family

OpenScape Desk Phone CP205T

TDM

Entry level TDM/ digital device with a feature rich, cost effective, end point with superior audio quality, ideal for many users with CTI support

Display
- Graphical display, 2 lines (192*48 pixel), monochrome
- Notification LED (red/green/amber)

Keys
- 4 free programmable feature keys with LED (green), Pre-programmed: Call Log, Directory, Forward, Redial
- 5 fixed feature keys, 3 with LED (red or green), Hold, Transfer, Conference, Settings, Messages
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED (red or green)
- Volume control +/-
- Open listening / Hands-free talking (Full-duplex)
- Headset port (DHSG/EHS)

Placement
- Wall mountable

OpenScape Desk Phone CP405T

TDM

Mid-tier TDM / digital device with large display, numerous programmable keys and optional key module

Display
- Tiltable graphical display, 3,7" (240*120 pixel), monochrome
- LED backlight (white), notification LED (red/green/amber)

Keys
- 4 context sensitive soft keys with LED (green)
- 2 fixed feature keys (Menu/Call Forwarding)
- 16 free programmable feature keys with LED (green)
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED (red or green)
- Volume control +/-
- Open listening / Handsfree talking (Full-duplex)
- Headset port (DHSG/EHS)
- Up to 2 Key Module 400 optional (from second KM400 with local power supply)

Key Modules and Wall Mount Kit

KM400
- Optional paper labeled Key Module for 405T
- 16 free programmable feature keys (bi-color LEDs)
- Max. 2 modules per phone
- Does not work with CP600

Wall Mount Kit
- Optional Wall Mount Kit for 405T

OpenScape CPx00 Desk Phone Family

OpenScape Desk Phone CP205

HFA SIP

Concentrating on the essential functions makes the CP205 the ideal companion for a wide variety of workplace scenarios

Display
- Graphical display, 2 lines (192*48 pixel), monochrome
- Notification LED

Keys
- 4 free programmable feature keys with LED
- 5 fixed feature keys, 3 with LED
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-
- Open listening / Handsfree talking (Full-duplex)

Connectivity
- Headset port (DHSG/EHS)
- 10/100 Base-T Ethernet Switch
- IEEE 802.3af Power over Ethernet, class 1
- Wall mountable
- 10/100/1000 Base-T Ethernet Switch
- Energy Efficient Ethernet (IEEE 802.3az)

OpenScape Desk Phone CP400

HFA | SIP

The CP400 is the midrange phone for the budget-conscious, professional user

Display
- Tiltable graphical display, 3,7" (240*120 pixel), monochrome
- LED backlight (white)
- Notification LED

Keys
- 4 context sensitive soft keys with LED
- 2 fixed feature keys (Menu/Out-of-office)
- 16 free programmable feature keys with LED
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-
- Open listening / Handsfree talking (Full-duplex)

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 2
- Key Module KM400 optional

OpenScape Desk Phone CP600

HFA SIP

The CP600 is designed for the collaborative workplace. The consistently paperless design is particularly suitable for mobile workers or environments

Display
- Tiltable graphical TFT display, 4.3" (480*272 pixel), color
- LED backlight (white)
- Notification LED

Keys
- 5 context sensitive soft keys with LED
- 2 fixed feature keys (Menu/Out-of-office)
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-
- Open listening / Handsfree talking (Full-duplex)

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3af Power over Ethernet, class 2
- Bluetooth 2.1 BR/EDR and Bluetooth 4.1 LE (dual mode device)
- NFC
- Key Module KM600 optional

Placement
- Wall mountable

OpenScape Desk Phone CP700 / CP700X

HFA SIP

The CP700/700X is designed for the professional workplace. It is particularly suitable for mobile workers or environments

Display
- Tiltable graphical TFT display, 5.0" (800*480 pixel), color
- LED backlight (white)
- Notification LED

Keys
- 6 permanent visible free programmable keys with LED and context sensitive, two-line label
- 6 context sensitive soft keys with LED
- 7 fixed function keys
- 4-way navigator, plus OK-key
- 3 audio keys (Mute/Speaker/Headset) with LED
- Volume control +/-

Connectivity
- Headset port (DHSG/EHS)
- 10/100/1000 Base-T Ethernet Switch
- IEEE 802.3az Energy Efficient Ethernet
- CP700X: Wi-Fi 5 (802.11ac)
- IEEE 802.3af Power over Ethernet, class 2(CP700) / class 3(CP700X)
- Bluetooth 2.1 BR/EDR and Bluetooth 5.0 LE (dual mode device)
- NFC
- Key Module KM600 optional (max. 2(CP700) / 4(CP700X)

Placement
- Wall mountable

Key Modules

KM400

- Optional paper labeled Key Module for CP400 / 405T
- 16 free programmable feature keys (bi-color LEDs)
- Max. 2 modules per phone
- Does not work with CP600

KM600

- Optional display key module
- High contrast monochrome TFT display
- 12 free programmable feature keys (bi-color LEDs)
- 2 Navigation keys
- Max. 4 modules per phone
  CP600: 4, CP700: 2, CP700X: 4
- Does not work with CP400

Wall Mount Kit

Wall Mount Kit
- Optional Wall Mount Kit for OpenScape CP205, CP600/600E and CP700/700X

OpenScape DECT Family

Mobility challenges for specialized personnel

Barriers to connectivity, best practices and productivity

Enterprises need mobile voice solutions to support specialized staff needs:

- Improve communication and efficiency

- Help employees to improve productivity

- Increase levels of service they can offer customers

- Shorten response times

- Support safe work environments in harsh conditions

Supporting many specialized use cases including:

- Healthcare
- Manufacturing
- Logistic
- Industrial
- Retail
- … and more

OpenScape Wireless Devices

DECT				WLAN
OpenScape DECT Phone SL6	**OpenScape DECT Phone S6**	**OpenScape DECT Phone R6**	**OpenStage DECT M3 Family**	**OpenScape WL4 Family**
Highly portable, powerful device with smart phone appearance including large display (2.4")	High quality audio in noisy environments	Protection class IP65	Industrial-grade phones: IP65 protection, Ex-certification variants	Integrate mobile users with your wireless LAN
Multi-cell capability	Excellent price to performance ratio	Rubberized back for a better grip	Bluetooth-enabled for headset	WL4 Plus model for advanced security and messaging
Encrypted voice transmission	Hands-free mode	Spot LED for incoming calls	Panic Button	
	Headset port	High-quality frame, easy to clean		
	Improved surface resistance			

DECT Cordless Handsets

At-A-Glance

Feature	OpenScape DECT Phone S6	OpenScape DECT Phone SL6	OpenScape DECT Phone R6	OpenStage M3 Family
Ex for hazardous gases - Ex-classification II 2G EEx ib IIC T4	—	—	—	M3 Ex / Ex Plus
Personal alarm device for personal security	—	—	—	M3 Plus / M3 Plus Ex
Housing protection class	—	—	IP65	IP65
Interference suppression in (EN 6100-6-2)	—	—	—	√
Operating temperature	+5 C to +45 ° C	+5 C to +45 ° C	+5 ° C to +45 ° C	-10 C to +55 ° C
Illuminated display	240 x 320 pixel 65k colors	240 x 320 pixel 65k colors	240 x 320 pixel 65k colors	128 x 160 pixel 65k colors
Display languages	27	27	27	26
Keypad illuminates including navigation area	√	√	√	√
Navigation key	5-way key with center click	5-way key with center click	5-way key with center click	5-way key with center click
MWI key	√	√	√	√
Individual key programming	√	√	√	√
Ring tones and melodies	Standard and polyphonic (38 in total)	Standard and polyphonic (38 in total)	Standard and polyphonic (38 in total)	5 standard ring tones 15 polyphonic Melodies
Vibration alarm	√	√	√	√
Telephone book entries	Approx. 500	Approx. 500	Approx. 500	Approx. 500
Corded:	3.5 mm	3.5 mm	3.5 mm	2.5 mm (Ex - sealed)
Cordless:	Bluetooth	Bluetooth	Bluetooth	Bluetooth
Corded:	Micro USB	Micro USB	Micro USB	Mini USB
Cordless:	Bluetooth	Bluetooth	Bluetooth	Bluetooth
Handset lock	4-digit PIN	4-digit PIN	4-digit PIN	4-digit PIN
Power supply	Lithium-ion battery	2 NiMH AAA batteries	2 NiMH AAA batteries	Li-polymer pack, 930 mAh
Handset dimensions (H x W x D) in mm	130 × 51 × 19	159 x 53 x 24	159 x 55 x 25	154 × 56 × 26
Weight (handset incl. battery)	approx. 90 g	approx. 118 g	approx. 134 g	approx. 166 g

Which wireless device is best?

DECT and VoWLAN Comparison

DECT	VoWLAN	Customer Consideration
Optimized for voice; limited data capabilities	Supports voice and data on one network	VoWLAN requires careful deployment and capacity planning, DECT is relatively a simple installation
Dedicated frequency band at 1.9 GHz; marginal interference	802.11 networks in the 2.4 GHz band; 802.11a/h/n in the 5 GHz band	Dedicated frequencies help isolate interference
Mature and robust mechanisms for roaming, handover, encryption & security	Established protocols for roaming and handover; open security standards exist.	Security should not be sacrificed when roaming or when calls change access points or nodes to maintain communication
Quality of Service is uniform	Quality of Service influenced by network traffic, CAC capability	QoS guarantees are important to ensure a high standard of performance, particularly if network capacity is insufficient
Supports 120 non-overlapping channels	Supports 11 to 13 channels 19 channels in EU with 802.11a/n	More channels will ensure your signal and quality of communication are stable
Typical standby time is 150 hours, and typical talk time (battery) is 50 hours	Maximum standby time is up to 80 hours, and maximum talk time is up to 8 hours	Longer battery life means workers are productive longer, helps reduce dropped calls
Range of 300 meters	Range of 30-150 meters for 802.11 networks	An extended range for your phones will ensure less calls are dropped and will allow workers to be more flexible with mobility

OpenScape DECT Phone SL6

High End Device for Mobile Users with minimal Size

DECT

Our most powerful, slimmest and smallest DECT device, that doesn't compromise on security, reliability, design or functionality

- Large 2.4" TFT color display with a modern user interface

- Bluetooth interface

- 27 display languages

- 3 acoustic profiles for quick changes in different environmental conditions

- High-quality handset with optimized housing surface that resists against aggressive substances

- Multi-cell capability with:

- Roaming

- Seamless connection handover during a call

- Bearer handover in case of disturbances

- Display message when leaving radio network

- Encrypted voice transmission

- Secure system logon

OpenScape DECT Phone S6

Elegant DECT Cordless Device with Outstanding Functionality

DECT

Extends OpenScape proven voice quality and feature-set to an elegant DECT cordless handset, a very competitive solution for those always on the move

- Superior audio quality in noisy environments

- Duplex hands-free speakerphone

- Vibration (silent) alarm

- Resistant handset surface against a variety of liquids (e.g. disinfectants). Optimized for use in health care

- Illuminated graphical 65K color LCD display

- 27 display languages

- Telephone directory with up to 500 entries

- Easy battery replacement via separate battery compartment

- Talk time up to 15 hours, stand by up to 300 hours

- Bluetooth™, wired headset and PC connectivity

OpenScape DECT Phone R6

For mobile users working in harsh, industrial environments

DECT

With this robust but elegant cordless DECT telephone, Mitel provides first-class voice quality and excellent functionality

- Housing protection class IP65 (protection against water and dust)
- Optical call signaling by LED on the head
- Separate quick dial key
- Superior audio quality in noisy environments
- Duplex hands-free speakerphone
- Vibration (silent) alarm
- Dedicated Kick dial key
- Resistant handset surface against a variety of liquids (e.g. Disinfectants)
- Illuminated graphical 2.4" TFT LCD-Display, 65K colors
- 27 display languages
- Telephone directory with up to 500 entries
- Easy battery replacement via separate battery compartment
- Talk time up to 13 hours, stand by up to 320 hours
- Bluetooth™, wired headset and PC connectivity

OpenStage DECT M3

For mobile users in harsh environments

DECT

Industry-leading DECT voice quality and features in a robust family of phones for many environments including industrial and explosive

- 4 variants including explosive and advanced alarming
- IP65-certified housing, i.e. protection against water and dust
- Shock- and break-proof
- Modern, best in class user interface
- Bluetooth interface
- Excellent sound quality in support of noisy environments
- Standard connector for headsets
- Up to 17 hours talk time and up to 200 hours standby time

OpenScape DECT Phone S6 Base

DECT

The OpenScape DECT Phone S6 Base is a phone system based on the DECT standard for connection to the analog ports of OpenScape systems

- OpenScape DECT Phone S6 Base consists of one DECT base station and the OpenScape DECT Phone S6 handset
- Encryption/decryption based on the DECT standard DECT
- Frequency range
  - 10 carrier frequencies in the 1880 MHz1900 MHz frequency band
- Technology
  - Through time-division multiplexing (TDMA), formation of 12 duplex channels for each carrier frequency
- Channels
  - 120 duplex channels for transmitting voice and data
- Multiple handset logons on up to four base stations
- Maximum 2 parallel calls (one internal/ one external call)

OpenScape WLAN Phone WL4

WLAN

Enterprise-grade VoWLAN handset with personal alarm and messaging capability for superior voice quality, mobility, and security

- Simplified interface for easy feature access
- Powerful local features including rich directory, missed calls list, LDAP Access
- Integrated IP interfaces to OpenScape systems
- Supported networks: IEEE 802.11 a/b/g/n/ac
- Dynamic power output according to 802.11h
- Quality of Service (QoS)
- TFT color display
- Protection class IP44
- OpenScape WL4 Plus model available with advanced messaging & alarming capabilities: push button, person-down and no movement

THANK YOU ☺