Ascom Myco 4

The smartphone for smarter communication and collaboration

Ascom's Myco 4 is more than just a phone. Consolidating the features and functions of several professional devices into a single rugged, disinfectant-ready, enterprise-grade smartphone, Myco 4 is the ideal interface for staff and management who are looking for smarter communication and collaboration at work.

Myco 4 is purpose-built to deliver value:

- Helping you consolidate your devices, improve operational efficiency and lower the total cost of ownership (TCO)
- Giving you a tough, professional-grade smartphone designed to withstand the harsh demands of professional working environments
- Helping staff feel secure with the latest in personal alarm functionality
- Ensuring mission-critical communication and collaboration where the right information is in the right hands at the right time

With Myco 4, you are ready to overcome your most critical challenges at work — and take the next important step forward.
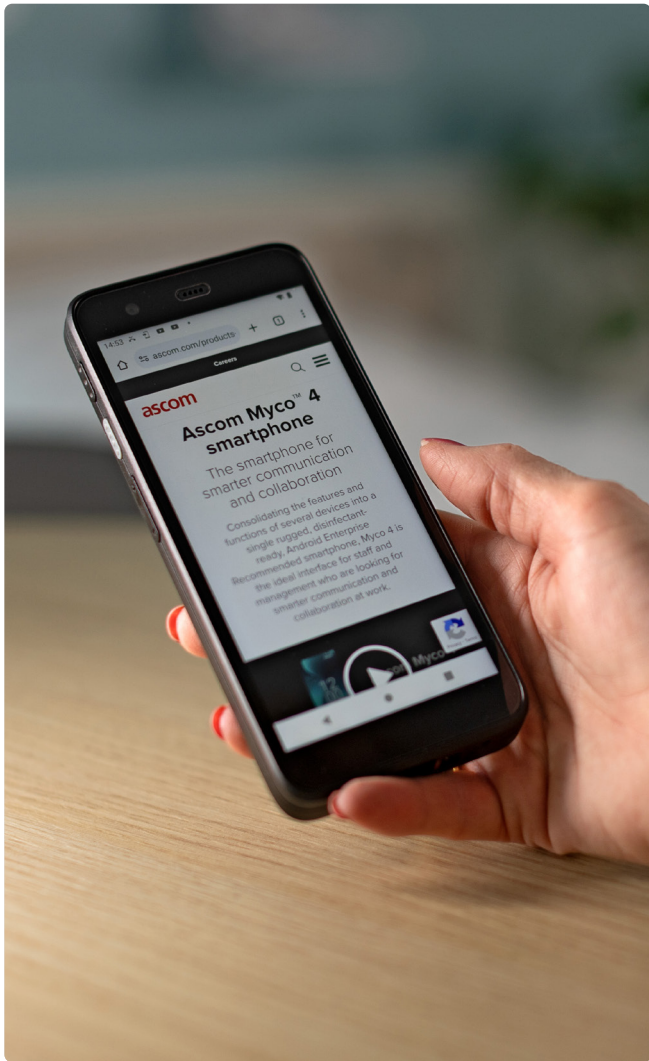
For lower total cost of ownership (TCO)

- Opportunity to consolidate and improve efficiency with a single professional-grade device that fulfills the use cases of several work devices, without compromising performance
- Opportunity to consolidate and share devices across multiple shifts, maximizing usability while reducing the total number of devices required
- Quicker ROI and efficiency gains may be achieved with fewer devices shared across the organization than with a single device per user

- Rugged design is likely to provide a longer service life with fewer repair and replacement costs compared to consumer smartphones
- Disinfection-ready and easy to clean, supporting enhanced infection control protocols and disinfection procedures

For professional users and workplaces

- Durable and robust design — purpose-built to withstand even the toughest working environments
- Cleanable and resistant to many disinfection fluids and wipes
- Long battery life designed to last a full shift
- Hot-swap battery maximizes workflow continuity without disruption, shut down or reboot
- Shareable and secure — preserves information security as application data is automatically wiped whenever user logs out or Myco 4 is docked in charger
- 4 configurable, multi-function buttons to quickly activate frequently used functions: alarm, barcode scanner, call emergency number, open line of business apps, push-to-talk, flashlight etc.
- Professional barcode scanner with integrated aimer or camera-based barcode scanner, depending on the variant
- Different carrying options suitable for each Myco 4 variant - clip, swivel clip or without a clip

For staff safety and peace of mind

- Advanced personal alarm capabilities to protect and reassure lone workers

- Manual alarm button prominently placed on top of the handset

- Automated man-down or no-movement alarm if user is incapacitated

- Multiple supported location technologies to pinpoint user's last known location and direction of travel

- Automated silent call after alarm allows response teams to listen in as they approach

- Optional pull-cord alarm in case handset is snatched

For mission-critical communication and collaboration

- Reliable, proven technology means users never miss a message or a call

- Optimized Wi-Fi performance on the move with seamless handover between Wi-Fi access points to ensure great call quality and data connectivity within coverage area

- Ascom Myco 4 combines the best attributes of DECT and Wi-Fi for unparalleled performance, reliability, and user experience

- Multi-color LED beacon provides at-a-glance notification, letting users easily distinguish incoming alert types and priority levels, even if the Myco 4 is still attached in the pocket

- Automatically changed profile settings when charging, based on specific charger. As required for example, the smartphone remains silent in a charging rack, but produces an increased ring signal in a desktop charger in an on-duty sleeping room

- Enhanced Android security with app sandboxing to safeguard all data sent to and from the handset

- FIPS (Federal Information Processing Standard) 140-3 validated cryptographic module — complying with strict information security requirements of governmental agencies around the world

- Hot-swap battery procedure ensures zero downtime and no disruption to ongoing communications including critical alerts

- Mission-critical apps and service are actively monitored and auto-restarted should they fail for some reason

- Hardened Android operating system to avoid intentional and unintentional misuse: minimum volume to ensure every call and notification is heard, hide dangerous setting tiles (e.g. airplane mode, Wi-Fi), lock home screen layout changes, lock password settings, reset critical parameters to default value after charging etc.

Ascom Myco 4 models

**Ascom
Myco 4**

Wi-Fi

5G
Wi-Fi

oOOO
DECT
Wi-Fi
NEW

**Ascom
Myco 4 Slim**

Wi-Fi

5G
Wi-Fi
NEW

	Ascom Myco 4			Ascom Myco 4 Slim	
	Wi-Fi	5G Wi-Fi	DECT Wi-Fi	Wi-Fi	5G Wi-Fi
Feature	SH4-AAB#	SH4-AAC#	SH4-AAD#	SH4-ABB#	SH4-ABC#
Android OS—with Ascom mission-critical extensions	●	●	●	●	●
Vivid 5.5" multi-touch display	●	●	●	●	●
Hot swappable battery High capacity, easily replaceable, access to battery health	●	●	●	●	●
Multi-color LED notification beacon (top side)	●	●	●	●	●
Fingerprint reader	●	●	●	●	●
Rugged design High impact and drop resistance	●	●	●	●	●
IP68 with high cleanability Supports disinfection protocols i.e., high resistance to UV and chemical corrosion from disinfection wipes and solvents	●	●	●	●	●
50 Megapixel rear camera 8 Megapixel front camera	●	●	●	●	●
4x Programmable multi-function buttons	●	●	●	●	●
USB-C port	●	●	●	●	●
Wi-Fi 6E, Bluetooth 5.2 (BLE)	●	●	●	●	●
Native SIP telephony Certified interop with major IP-PBXs	●	●	●	●	●
Professional barcode scanner with integrated aimer	●	●	●	–	–
Camera based barcode scanner	–	–	–	●	●
Pull-cord Advanced personal alarm feature	●	●	●	–	–
Infra-red (IR) locator	●	●	●	–	–
5G cellular (NSA/SA and Public/Sliced/Private) – dual SIM/eSIM	–	●	–	–	●
Redundancy for Mission Critical Communication Dedicated DECT radio carrier for voice, personal alarm and alerts	–	–	●	–	–

#) Fourth position in item number depends on geographical region

To purchase Myco 4 or discuss in more detail how it can support you and your colleagues
 in your working environment, please contact your local Ascom representative.
Or get in touch at ascom.com/contact

Ascom Myco 4 smartphone technical specifications

PLATFORM
OS: Android 13, Android 14
CPU: Qualcomm 6490, 2.7 GHz Octa-core
Memory: 6 GB Ram, 128 GB Flash

BODY
Dimensions:
- *Ascom Myco 4:* 154.6 x 72.6 x 18.9 mm
(6.08 x 2.85 x 0.74 in)
- *Ascom Myco 4 Slim:* 154.6 x 72.6 x 13.1 mm
(6.08 x 2.85 x 0.51 in)
Weight:
- *Ascom Myco 4:* 253 g (8.9 oz)
- *Ascom Myco 4 Slim:* 233 g (8.2 oz)
4 Multi-Function Buttons: 1 on top and 3
on the sides

SENSORS
Three-axes accelerometer
Three-axes gyroscope
Proximity sensor
Light sensor
Compass
Ascom IR location*

DISPLAY
Type: Full HD, 2160 x 1080
Size: 5.5"
Multi touch: Deca point capacitive touch
Protection: Corning® Gorilla® Glass 5

COMMUNICATIONS
WLAN: Wi-Fi 6E
Wi-Fi 802.11 a/b/g/n/ac/ax
Wi-Fi 802.11 k/r/v fast transition roaming
Wi-Fi 802.11 mc for location
Wi-Fi 802.11 w
Wi-Fi 802.11 u
Bluetooth: 5.2
GNSS*: GPS, GLONASS, Beidou, Galileo, SBAS
NFC: Forum Type 1-5

CELLULAR*
GSM: 850/900/1800/1900
3G: WCDMA (B1, B2, B5, B8)
LTE FDD: B1, B2, B3, B5, B7, B8, B20, B26, B28
LTE TDD: B38, B40, B41
5G: n1, n3, n5, n7, n8, n20, n28, n38, n40, n41, n77, n78
SIM: Nano-SIM + eSIM
5G operating modes: Public, Sliced, Private, Stand Alone (SA), Non Stand Alone (NSA)

DECT*
Frequency: EU: 1880-1900 MHz,
BR: 1910-1920MHz
LA: 1910-1930MHz, US: 1920-1930MHz
Other: 1900-1920MHz
Modulation: GFSK

IP RATING
IP68: 1.5 m for 30 minutes

BATTERY
Type: User replaceable 4000 mAh

OPTICAL DEVICES
Front-facing camera: 8 MP
Rear-facing camera: 50 MP, 6120 x 8160
pixels, autofocus, flash
Multi-color top LED for indication
Barcode scanner: 1D / 2D barcodes SE4720*

PORTS
USB: USB-C
CIC: Connector for compatible charging racks
and desktop chargers

* Available in some product variants

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