

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
- Myco 4 is compatible with Apple iBeacon technology for enhanced location-based services, and reliable asset tracking
- 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
- Answer or reject calls by voice commands, to not having to stop current task to handle a phone call.
- Better control over which apps communicate over Wi-Fi or cellular networks.

- 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 block access to apps

Ascom Myco 4 models

Ascom Myco 4

Wi-Fi 

5G
Wi-Fi 

DECT
Wi-Fi
NEW








Ascom Myco 4 Slim

Wi-Fi 

5G
Wi-Fi 
NEW





Feature	Ascom Myco 4			Ascom Myco 4 Slim	
	Wi-Fi 	5G Wi-Fi 	DECT Wi-Fi 	Wi-Fi 	5G Wi-Fi 
	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](https://www.ascom.com/contact)

Ascom Myco 4 smartphone technical specifications

PLATFORM OS: Android 14 CPU: Qualcomm 6490, 2.7 GHz Octa-core Memory: 6 GB Ram, 128 GB Flash	BODY Dimensions: - <i>Ascom Myco 4</i> : 154.6 x 72.6 x 18.9 mm (6.08 x 2.85 x 0.74 in) - <i>Ascom Myco 4 Slim</i> : 154.6 x 72.6 x 13.1 mm (6.08 x 2.85 x 0.51 in) Weight: - <i>Ascom Myco 4</i> : 253 g (8.9 oz) - <i>Ascom Myco 4 Slim</i> : 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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About Ascom

Our vision is a world where the right information moves people forward. Our mission is to put the right information in the right hands at the right time so that people can make the best possible decisions.

We are a global provider of communication and collaboration solutions for the acute care, long-term care and enterprise sectors. Our solutions are based on intelligent integrations with software and hardware that are open source and compatible with third party solutions. Every single second, our systems generate large amounts of data, which we then turn into useful and actionable information. This helps us to bring data to life for people in the toughest operational environments, ensuring smooth, complete, and efficient workflows.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 19 countries and employs around 1,400 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.

