



CHANGELOG

gloCOM 7.0.1

bicom
SYSTEMS

wiki.bicomsystems.com

Bug Fixes & Improvements

- Add the ext_name variable in the Call Popup URL.
- Add an option to use a Queue/ERG URL for showing a Call Popup when a call is answered or finished.
- Add the possibility to configure if DND will be turned off on log out.
- Add confirmation dialog when trying to assign someone group admin.
- Handle the ESC shortcut in the Info section in the chat window.
- Handle the ESC shortcut in the SMS window.
- Fix the issue where the application freezes when opening Preferences caused by always loading Outlook calendars.
- Fix displaying a shared group indicator when the user is searching for messages within a specific shared group.
- Fix display text gender to display they.
- Fix issue where playing voicemail stops when voicemail list is refreshed.
- Fixed issue where voicemail keeps playing after closing voicemail window by pressing ESC button.
- Fix issue with messages not being loaded correctly on large screens.

Meeting Module

- Fix no Mute All feature for co organizers available.
- Fix Co Organizer has option to remove organizer.
- Fix do not send vcard if chat connection is down.
- Fix audio not playing when raise hand is received.
- Fix no initials in speaker view in desktop.
- Fix reconnect to ignoo not working.

- Fix text selection of email contacts is not working properly.
- Fix date picker selects day before.
- Fix webcam output rotated 90 degrees to the side on MacOS Sonoma.

7.0.0 - September 19, 2023

Note: The 7.0.0 version of the gloCOM Desktop app will not work on some Windows, macOS, and Linux versions, which are not supported by Qt 6.5.

The 6.5 version of Qt does not support out-of-support Windows (Windows 7, Windows 8), macOS (macOS 10.15 and below), and some Linux versions.

For more information about the supported platforms, please visit the following link: [Supported platforms](#).

Features

- Auto Answer.
- SMS sync.
- Shared SMS number.
- Delete an SMS message.
- Export old SMS history.

Meeting Module

- In-meeting reactions.
- Raise hand.
- Save chat history in meetings recordings.
- Added invite link in meeting details.
- Implemented an option to add/update multiple co-organizers of the meeting.

Bug Fixes & Improvements

- Fixed partial scaling on Windows (e.g., 125%, 150%, etc.).
- Fixed a problem with the department's name not containing the '&' character.
- The Outlook plugin is disabled by default.
- Added the ability to disable every type of contact sync.

Meeting Module

- Fixed an issue where the Meeting window was not closing after the organizer had ended the meeting.
- Fixed an issue where the M button for users muting themselves was not always working in v7 during a meeting.
- Fixed an issue where messages sent into the meeting chat were not visible.
- Fixed an issue where the Control bar buttons overlapped.
- Fixed an issue where the Meeting Outlook integration was not working with Qt6.
- Fixed an issue where the Scroll bar was not working in the meeting details view if the mouse was hovered over the participant list.
- Improved the reaction notification for desktop users in Presenting mode.
- Removed Reactions & Raised hands from the chat when the user leaves/rejoins the meeting.
- Replaced the meeting control bar icons with the ones from the web app.

Features

- Mention participants in a group chat conversations using @Name.
- Added Call Quality feature.
- Added SMS enable/disable configuration.
- Added Outlook Presence - Calendar integration.
- Shared groups.

Meeting Module

- Added Network Quality Statistics View.
- Added a Notification in case of Bad Network Quality.
- Added a Meeting Invite Link to be Sent in the Chat Automatically.
- Outlook Desktop Plugin.

Bug Fixes & Improvements

- Fixed issues with emoji dialog being blank or some emojis missing.
- Fixed an issue where the “Copy” menu keeps opening even if right-clicking a non-selected message.
- Increased CRM contacts sync timeout to avoid sync interruptions if there are a lot of contacts.
- Added the recipient’s number to fax report.
- Fixed right click menu options on messages when there is selection present.
- Fixed crashes caused by early positioning of module windows.
- Fixed crashes when instantiating calls on touch screen laptops.
- Fixed issue where contacts are always converted to +e164 even if disabled in preferences.

- Fixed issue where user could join the same conference multiple times.
- Fixed issue where picking gsm number when using click to dial doesn't work.

Meeting Module

- Scale screen sharing image on high PPI displays.
- Improved voice activity detection.
- Fixed audio issue where audio join status is not correct.
- Fixed crash happening during the meeting end.
- Fixed video streams flickering during call.
- Fixed screen sharing video not received on pause.
- Me stream should always be in front of new screen sharing view.
- Fixed crash during the meeting start with webrtc 98 on macOS.
- Fixed mobile app freeze when trying to login in with the same credentials.
- Fixed speaker view participants not changed after they leave the meeting.
- Fixed participants not being able to see the shared screen.
- Grey screen appears when turning on/off/on camera.
- Date and Time not displayed in correct timezone (organizer) for MT PBX.

Features

- Added Yealink headset integration.
- Added voice message support in chat.
- Added an option to transfer the role of chat admin to another participant.
- Added an 'Info' option for chat messages.
- Added chat feature flagging support.
- Added an option to choose a custom ringtone.
- Added an option for a quick reply via hover on chat messages.

Contact Center Module

- Agent Panel: Added an option that allows CRM to remain visible after finishing the call.
- Agent Panel: Implemented the Feedback forms for Queues.
- Supervisor: Introduced the Supervisor Overview tab.

Meeting Module

- Hid the 'Meeting' button if Meeting is not available due to GDPR compliance.
- Achieved capacity of 100 video participants.
- Introduced grid size optimization for meetings with 60+ active video participants.
- A new version of screen sharing with WebRTC.

Bug Fixes & Improvements

- Fixed an issue where transfer dialog cannot be reached since the main window is always on top.
- Fixed an issue where the call window always on top doesn't work.
- Fixed an issue where the application crashes on startup when the move event is triggered too early.

- Fixed an issue where a highlighted link is not clickable in chat search.
- Fixed an issue where carbon seen is received for a message that is not last - it is not applied.
- **Contact Center Module**
- Agent Panel: Fixed an issue with the 'Cancel' button on Feedback forms.
- Agent Panel: Fixed an issue where the Agent panel should be working in the foreground.
- Supervisor: Fixed an issue in Supervisor Panel where data was not displayed correctly if the 'Automatic login' option was checked.
- Supervisor: Adjusted the size of the footer items according to the inside text.

Meeting Module

- Fixed an issue where screen sharing video was not received on pause.
- Fixed an issue when entering the meeting from multiple applications with the same credentials caused issues.

Features

- Added option to show QR code for quick sign-in via mobile applications.
- Added Opus codec support to improve voice quality.
- Added Kuando Busylight integration.
- Added support to paste images from clipboard directly into a chat.
- Added software echo cancellation for softphone.
- Added waveform while playing a voicemail.
- Added support for DNS SRV service discovery to implement failover.
- Added support for DNS SRV SIP discovery and parallel SIP registration to implement failover.
- Added option to enable/disable automatic conversion to e164 for contacts sync.
- Added option to reply to a specific chat message.

Contact Center Module

- Supervisor: Implemented advanced and improved design of the Supervisor Panel.
- Supervisor: Provided with advanced Global Real-time Statistics.
- Supervisor: Implemented the 'Search' option inside the Supervisor Panel (search for Agents, Queues, or Campaigns).
- Supervisor: Redesigned and fully customizable tabs inside the Supervisor Panel.
- Supervisor: Redesigned and improved the Alerts tab.

Meeting Module

- Added: Automatically adjust the number of video streams in the grid to get optimal performance.
- Added: Sort video streams to show participants who spoke last during the conference.

Bug Fixes & Improvements

- Fixed issue where departments count incorrect in the chat sidebar.
- Fixed issue where call pickup button is not visible if the caller ID is very long.
- Fixed issue where “New Messages” separator in the chat is positioned on an already seen message.
- Modified Google integration button in order to comply with Google branding guidelines.
- Sending SMS to non-E164 numbers.

Contact Center Module

- Agents: Fixed an issue where a completed Queue call is not deleted from the list of the active calls.
- Supervisor: Fixed an issue where the ‘Agent Statistics’ tab and ‘Campaigns’ tab were not refreshed when doing login/logout.
- Supervisor: Fixed an issue where Graphs View has not been loaded.
- Supervisor: Fixed an issue where Inbound Calls were displaying ‘Unknown’ for DID Destination.
- Supervisor: Fixed an issue where a wrong number of Agents was displayed inside the ‘Agent Statistics’ tab.
- Agents: Fixed an issue where the Dialer feedback form was not displayed.
- Agents: Fixed an issue where ‘Call Screen’ was not updated correctly if the Dialer call was rejected while the feedback form was started.
- Agents: Fixed an issue where the application freezes if the Agent did transfer while the “Agent Panel is always on top” option was checked. (The issue was only on Windows OS.)
- Supervisor: Fixed an issue where Inbound call and same caller ID as the local extension would be displayed as the Agent’s call.
- Supervisor: Removed unnecessary scroll inside the Wallboard tab and fixed font.
- Supervisor: Fixed an issue with sorting in real-time by disabling it temporarily due to performance issues (there is an option to sort lists manually).

Meeting Module

- Added system's time format in meeting details.
- Added a notification if a microphone or camera permissions are not granted on macOS.
- Added a check if accessibility access is granted for remote control on macOS.
- Allowed the user to use other apps while the gloCOM Meeting schedule window is open
- Fixed a bug where participants' avatars were missing when joining recurrent meetings.
- Fixed a bug where the microphone was not working when an audio device is removed during the meeting.
- Fixed a bug where meeting's join dialog was visible while logged out.
- Fixed a bug where holding the M key would keep muting/unmuting the user.
- Fixed a bug where the time was converting from AM to PM while creating a recurring meeting.
- Fixed a bug where the video device is removed and added again the user could not enable the camera.
- Fixed a bug where meeting invites were not sent to the web users.
- Fixed a bug where the user was crashing while opening the meeting list.
- Fixed a bug with screen sharing pause not working.
- Fixed a bug when the user starts a meeting from a conference call, other users get prompted to join audio, instead of remaining in the same call with new meeting window opening.

Bug Fixes & Improvements

- Fixed issue where Google contacts integration doesn't work (error: Bad request).
- Added support to sync more than 1500 Google contacts.
- Changed Google button to meet Google requirements for contacts sync.
- Added support for sending SMS messages to numbers that are not in E164 format.
- Fixed issue where update is forced during ongoing meeting/call.
- Fixed issue where tray icon keeps flashing for muted chat conversations.
- Fixed issue where parked call cannot be picked if caller id is too long.
- Fixed issue where "New Messages" separator is stuck on an old message.

Contact Center Module

- Fixed close button inside Agent info dialog on Windows.
- Fixed bug on Windows where application freezes if the Agent performs transfer while "Agent panel is always on top" option is enabled.

Meeting Module

- Inform user if microphone or camera permissions are not granted on macOS when using meeting.
- Check if accessibility access is granted for remote control on macOS.
- Block click on start meeting button if drop down menu is visible.
- Fixed bug where microphone does not work when audio device is removed.
- Fixed bug where invite meeting dialog is not closed on logout.
- Fixed bug where user could not enable camera if video device is removed and added again.

Bug Fixes & Improvements

- Added support to handle additional option to hide call recording controls.
- Fixed search in chat when character & is in the name of the group.
- Fixed issue where chat windows is focused in the background causing messages to be seen unintentionally on macOS.
- Fixed issue where HTML metacharacters are not shown correctly in chat message results.
- Fixed issue where the application freezes if “*” is used in chat search query.
- Fixed incorrect company name for Contacts sync on macOS.
- Updated French translation.

Meeting Module

- Block repeating key events for mute shortcut.
- Fixed issue where creating a recurring meeting converts time given in AM to PM.
- Fixed issue where start date does not change when editing recurring meeting.
- Fixed issue where old recurring instances are not removed from the meeting list when recurrence is changed.

Features

- Added an Option to Mark Chat Conversation as Unread.
- Added Call Encryption Indicator in Call Window.
- Added Support to Reorder Pinned Conversations in Chat.
- Added Unified Call History.
- Added MMS Support.
- Added Support to Delete a Message in Chat.

Contact Center Module

- Agents: Added a New Column displaying the Agent's pause reason.
- Queues: Implemented the Option to Change a Pause Reason Without Unpausing.
- Queues: Implemented Inbound Dispositions.

Meeting Module

- Added an Option to Record (Meeting Local Recording).
- Added an Option to Mute Participants as the Meeting Organizer.
- Added Toggle Meeting Privacy between Regular and Public.
- Added a Busy Indicator in Meeting Details Until All Data Is Available.

Bug Fixes & Improvements

- Fixed a bug where the Always on Top option does not keep the window on top.
- Fixed an issue where empty diagnostic logs dialog was shown after using the main window in full screen on macOS.
- Fixed an issue where there is no call window for calls using a callback.
- Fixed the application scaling issue on Windows OS.
- Fixed an issue where messages are missing from the view if a message is received while the pinned message is focused.
- Fixed an issue where the Jabra integration causes a crash if a device is disconnected while the app is running.
- Fixed an issue with the CRM contacts sync while syncing a huge number of contacts.
- Fixed an issue where the search doesn't work for Hebrew names.
- Fixed blurry icons in both Chat and SMS windows.
- Fixed a bug regarding the Address Book where contacts named with company names only are not synced.
- Fixed a bug regarding the Google contacts sync where contacts with company names only are not synced.
- Fixed the main window search in order to trim blank spaces.
- Fixed a crash with a message box when the call is answered via a pop-up window on the Windows OS.
- Fixed messages and input field in chat when handling ObjectReplacementCharacter.
- Fixed an issue where the message is not trimmed in chat before sending.

Contact Center Module

- Agents: Handled entering wrong Agent Number and PIN and implemented specifying valid Agent number.
- Agents: Fixed a bug where the Agent's icon was not displayed correctly while in the "ringing" and "idle" states.

- Agents: Fixed a bug where the Agent's pause reason was not visible on the Login.
- Agent Panel: Implemented improvements for the Agent panel by changing two icons on the panel and adding the minimum width.
- Agent Panel: Redesigned the Agent Panel by displaying the phone dialer and other phone-related settings in the Agent panel window.
- Agent Panel: Fixed a bug where the Agent panel would display two messages regarding Agents and Dialer before the application was fully initialized.
- Dialer: Implemented changes to the progressive strategy in which the preview screen with the lead information is displayed and the timer is triggered.
- Dialer: Fixed a bug with missing call recording files for Dialer calls and a wrong call direction in the CRM call log.
- Feedback Form: Fixed a crash in the Agent panel browser that would happen when a user clicked 'Open in default browser' in the drop-down menu.
- Queues: Fixed a bug where the Queues List label is not updated after Queue reload.
- Supervisor Edition: Implemented the login options for the Agent/Supervisor edition in which Agents need to enter a valid Agent number and PIN if the Agent options are enabled.

Meeting Module

- Always show a mute notification when you try to speak while muted.
- When scheduling meetings, users will be presented with the time format used by their system.
- Fixed a bug where video devices in settings are not visible if the softphone is disabled.

Features

- Produce the '+' (plus) sign inside Phone Module.
- SMS feature.
- 64-bit support on Windows.
- Choose a mobile application as a default device.
- Choose the desired device when switching devices.
- Support for E.164 numbers when adding mobile numbers.
- Meeting module: Notify the user when they are talking while muted.

Bug Fixes & Improvements

- Added support to include a timestamp when sending 'seen' and 'delivery' reports in chat.
- Fixed a bug where the message pop-up window is shown on each login if the chat feature is disabled.
- Fixed freeze caused by executing search per session in the chat.
- Fixed video call crashes.
- Fixed automatic updates for Linux users.
- Fixed a crash for automatic updates on Windows.
- Fixed an issue with the selected tab background color on macOS Big Sur.
- Fixed an issue where the call window buttons are not clickable on macOS Big Sur.
- Fixed an issue where the default IM sound file is set as the 'Sign In' sound file instead.
- Fixed a bug where the Agent panel always pops up on an incoming call regardless of the settings set in 'Preferences'.

- Fixed an issue where 'Block chat notification when screen sharing' does not work for chat messages.
- Meeting Module: Increased the maximum number of video participants in a grid view from 9 to 12.
- Meeting Module: Increased the spacing in the meeting chat between text and time label.
- Meeting Module: Added an automatic reconnection to the meeting chat server in case a connection loss occurs.
- Meeting Module: Added a scroll bar and word wrapping to the "Meeting List" window.
- Meeting Module: Fixed a bug where the camera is still in use after the meeting has ended.
- Meeting Module: Fixed a bug where avatars are not visible in the meeting participant list.
- Meeting Module: Fixed a bug where the participant list is not displayed in the 'Meeting List' window.
- Meeting Module: Fixed a bug where the confirmation window is not visible when trying to delete a meeting from the 'Meeting Details' window.
- Meeting Module: Fixed a bug where the participant's video stream would be paused after a connection loss.
- Meeting Module: Fixed a bug where the presenter's video stream would be paused after hiding and showing the video carousel.
- Meeting Module: Show meeting controls when a new chat message is received.
- Meeting Module: Check for the screen recording permissions on macOS and display a warning message to the user if permission is not granted.
- Meeting Module: Fixed a bug when the presenter's video is displayed twice in the carousel.
- Meeting Module: Fixed a bug to adjust the invite meeting dialog size to fit the content.
- Updated audio backend.
- Updated French translation.

Features

- Test audio devices in Preferences.
- Change Microphone, Speaker, and Ringing Device While in Call.
- Change Microphone, Speaker, and Ringing Device from Phone module window.
- Change Presence by Using the System Tray Icon.
- Pin Chat Message.
- New icon annotations in meeting list and info.
- Improved meeting chat interface.
- Close chat and participants from blue bar.
- Highlight speaker in grid mode.
- Highlight speaker in viewer mode.
- Highlight speaker in presenter mode.
- Reorganize meeting menu.
- New UI for inviting contacts via email.

Bug Fixes & Improvements

- Changed 'Sennheiser' brand to 'EPOS Sennheiser'.
- Fixed an issue with 'Agent Login' dialog size when agent is a member of many queues.
- Fixed a bug where queues were not sorted by name in the transfer dialog.
- Fixed a bug where agents and users were not sorted by name in multiple dialogs.
- Fixed a bug where drag&drop call transfer from agent panel did not work.
- Fixed a bug where 'Agent Panel' would not pop on top on incoming call if previously minimized.

- Fixed a bug where new line is copied as LINE SEPARATOR when selecting text in chat.
- Fixed an issue with with rendering of some utf8 emojis.
- Fixed a bug where the main would cover 'Agent panel' if 'Bring app to front' option is enabled.
- Fixed an issue with Google contacts integration where permissions could not be granted.
- Fixed an issue where users could not mute audio on a public meeting, if they joined audio with deskphone.
- Fixed a bug where the participant list slider would move to top when a participant joined or left the meeting.

Features

- Added typing indicator for single and group conversations.
- Added support to pin chat sessions on top.
- Added support to forward textual and file messages.
- Added support for chat admin to remove chat participants.
- Added context menu on sender name and avatar in group conversations for quick actions (chat, call, contact information).
- Join meeting audio from gloCOM mobile.
- Added support to join a dynamic conference from history.
- Added group name in notification popup for group chat messages.
- Added support for public meetings.

Bug Fixes & Improvements

- Updated German translation.
- Updated Spanish translation.
- Added support to handle compatibility issues in chat.
- Added support for finding invited participant by email for meeting.
- Replaced “kick” with “remove” in call conference screens.
- Added support to open chat session menu by right clicking on a session.
- Changed default avatar background.
- Changed group avatar.
- Added group name in notification popup for group chat messages.
- Added group avatar in notification popup on Windows.

- Video participants in meetings are sorted. At the top, participants with video enabled sorted by name, then participants with video disabled also sorted by name.
- Added user avatars in schedule meeting dialog.
- Removed the mouse and keyboard presenter priority.
- Fixed bug where Queues sorting doesn't work when sorting by Waiting, Busy, Idle or Paused in Queues tab.
- Fixed bug where "Left" was displayed in chat info if the admin leaves another group.
- Fixed bug where "Left" is not removed after someone has added us again and we are admin of that group.
- Fixed issue with black square around status icon on Ubuntu.
- Fixed bug with scaling of remote DTMF window by making it fixed size.
- Fixed bug where pressing Esc doesn't close emoji popup on Ubuntu.
- Fixed bug where pressing Esc closes chat window instead of emoji popup on macOS.
- Fixed bug where Call option was enabled for missed call from dynamic conferences.
- Fixed bug when user was not able to unmute after the meeting is started from a call.
- Fixed bug when user was not able to join a started recurring meeting from the drop down menu in meeting module window.
- Fixed bug when meeting failed to start from group chat if there are more than 20 participants.
- Fixed crash if a meeting is disconnected from a video server.
- Fixed bug where the status field in meeting details view in meeting list window is not displayed.
- Fixed issue where messages from single and group chat were stacked in Ubuntu notifications.
- Fixed issue with html messages in popup notifications on windows.

Bug Fixes & Improvements

- Added Portuguese translation.
- Added support to show all users in meeting invite list.
- Added support to auto reconnect to meeting on connector connection loss.
- Updated French, German and Italian translations.
- Fixed bug where a call cannot be transferred by using drag&drop inside of the Agent panel.
- Fixed bug where transfer button is disabled for all non-dialer calls when using Agent/Supervisor edition.
- Fixed bug where transfer, park and voicemail buttons always stay enabled after establishing one call in a campaign while logged in as a dynamic agent.
- Fixed bug where HOLD button is always enabled in Dialer (even when call is not yet connected).
- Fixed bug where application would display wrong user name after a meeting is started.
- Fixed bugs in Wallboard in Supervisor panel when using French language.
- Fixed bug where headers in Agents tab weren't translated in various languages.
- Fixed bug where Queues were not sorted correctly in Supervisor panel.
- Fixed bug where Wallboard filtering affects Queues tab data.
- Fixed bug with blurry status icons in main window.
- Fixed flickering when shared screen is resized.
- Fixed join meeting automatically when waiting for the organizer.
- Fixed region sharing screenshot coordinates on high dpi displays.
- Fixed video resize when camera is changed.
- Fixed bug where the user interface is frozen for some time after the meeting is finished.

Features

- Unified chat.
- New chat history search.
- Persistent groups with option to change names.
- Mute group options.
- Added option to “Close All Chats” in global Chat options menu.
- Added option “Close All Except This Conversation” in the options menu for a chat conversation.
- File sharing across devices.
- Unified presence.
- Meeting module with audio/video conferencing, instant messaging and screen sharing.
- New Design for Agent Edition.
- Outbound Call Center (Dialer).
- Personal Callback.
- Integrated Web Browser for CRM Popup, Call Popup and Queue URL Popup.
- Project codes.
- Blended Call Center.
- Extended Supervisor edition with Agent edition features.
- Statistics for the entire call center.
- Change agent direction as a Supervisor.
- Improved Agent Statistics.
- Campaign statistics.

- Central Phone Book.
- Scaling managed by the operating system.
- Additional macros for Call Popup.
- Added warning indicator for Skype module if application was not found.
- Increased call limit to 10 in softphone mode.
- Improved department filtering in main window.
- Added notifications badge for Microsoft Windows.
- Added option to open chat from the call history list.

Bug Fixes & Improvements

- Fixed issue where agents could not be paused if there are no pause reasons defined on the server.
- Fixed issue where Google email is changed in Preferences but old email's contacts are synced.
- Fixed issue where switching app profile does not change user logged into OSC.
- Fixed issue where currently running release is presented as an available update.
- Fixed crash when trying to send fax from an extension marked as "Do not show in desktop/mobile app" on the server.
- Improved error message in case your account has no Edition Permissions granted.
- Improved Outlook contacts sync to include contacts from subfolders.
- Improved dialog for submitting feedback from the application.
- Improved application logo.
- Improved emojis rendering.
- Mask agent pin when logging in into Agent or Supervisor edition.
- Improved dialling to preserve plus prefix in order to prevent local calls being mistaken for an international call and vice-versa.

CONTACT BICOM SYSTEMS TODAY

to find out more about our services

Bicom Systems (USA)

2719 Hollywood Blvd
B-128
Hollywood, Florida
33020-4821
United States

Tel: +1 (954) 278 8470

Tel: +1 (619) 760 7777

Fax: +1 (954) 278 8471

Bicom Systems (CAN)

Hilyard Place
B-125
Saint John, New Brunswick
E2K 1J5
Canada

Tel: +1 (647) 313 1515

Tel: +1 (506) 635 1135

Bicom Systems (UK)

Unit 5 Rockware BC
5 Rockware Avenue
Greenford
UB6 0AA
United Kingdom

Tel: +44 (0) 20 33 99 88 00

Bicom Systems (FRA)

c/o Athena Global Services
Telecom
229 rue Saint-Honoré – 75001
Paris

Tel : +33 (0) 185 001 000

www.bicomsystems.fr

sales@bicomsystems.fr

Bicom Systems (ITA)

Via Marie Curie 3
50051 Castelfiorentino
Firenze
Italy

Tel: +39 0571 1661119

Email: sales@bicomsystems.it

Bicom Systems (RSA)

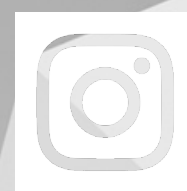
12 Houtkapper Street
Magaliessig
2067
South Africa

Tel: +27 (10) 0011390

email: sales@bicomsystems.com

Follow us

bicom
S Y S T E M S



Copyright Bicom Systems 2023