



CallCube – Powered by Logo

CALLCUBE IP TELEPHONY SYSTEM

FLEXIBLE, COST-EFFECTIVE SOLUTION THAT MEETS ALL YOUR COMMUNICATION DEMANDS

FULLY DEVELOPED BY LOGO TEAM OF EXPERTS!

In today's dynamic business environment, the success of each and every company depends on its ability to establish and maintain successful cooperation with clients, suppliers and business partners.

The development of new technology solutions (IP telephony, SIP trunk, unified communications, etc.) offers new opportunities for a more efficient cooperation between partners in the business world. Besides telephony, a modern communications system has to be able to support other communication services and applications, as well as to enable integration with mobile networks.

In order to meet these demands and confirm its dedication to market-oriented business approach, Logo developed CallCube- an IP communications system aimed at business users.

CallCube is a perfect solution to all challenges of a dynamic business environment. It's an ideal solution for all companies looking to boost their productivity, develop business operations and permanently reduce phone bills.



CallCube will help your company to:

- Boost teamwork and cooperation with business partners
- Permanently reduce phone bills
- Provide top-quality service for your clients within the shortest possible deadline
- Accelerate and simplify your decision-making process, thus boosting operational efficiency



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UNIFIED SOLUTION FOR OPTIMIZING BUSINESS PROCESSES

Each company has specific needs when it comes to business communications. Finding just the right solution that will be able to satisfy all your demands and requirements can represent a true challenge. Logo and CallCube can help you to choose the best possible solution –one that can meet all your demands.

- **Flexibility** – CallCube is a flexible system easily integrated into any environment – from SOHO to medium-sized companies and large enterprises. Logo offers you the opportunity to configure solutions depending on the functionalities and capacity you need.
- **Scalability** –CallCube is a highly scalable platform designed to meet your present and your future requirements in the field of communications. CallCube IP PBX can be easily and quickly expanded, which enables you to boost your capacity without applying for additional licenses and hidden costs. System capacity can be easily expanded up to 5 000 Extensions.
- **Open standards** – CallCube architecture is completely based on open standards. This means that you can choose from an unlimited portfolio of accessories and terminal equipment due to the fact that our PBX is compatible with the equipment produced by different manufacturers. Open architecture also implies that no additional licenses have to be paid for new users when the system is being expanded.





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- **Reliability**—Hardware components of CallCube system are highly reliable. Thanks to the redundant server technology, it is possible to almost completely avoid downtime and boost system efficiency to 99.999%.
- **Mobility** – CallCube system offers automatic call routing from landline to a cell phone if the user is out of office. In addition, it is possible to perform integration with a GSM network by connecting your CallCube to a GSM gateway. The PBX will reroute all calls to mobile network towards the gateway, therefore, your calls will be charged as if you were using your mobile phone. This is an excellent way to save money for all outgoing calls towards mobile networks.
- **Simplicity** - CallCube system is easy to use both for end user and a technical staff that configures and maintains the system. The system has user friendly web GUI for setting the basic phone functionalities and system configuration. Remote configuration changes via SFTP and SSH also brings simplicity and lower operational cost both for customer and maintenance staff.
- **Cost-savings** - CallCube provides an excellent quality/price ratio. Unlike most "proprietary" systems CallCube is completely "license-free" solution. No license fee is needed when you expanding your system. Also thanks to the integration with the GSM network, the cost of calls to mobile users and the roaming fees can be up to four times lower.



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UNIFIED COMMUNICATIONS ON AN IP-BASED PLATFORM



Unified communications is a technology solution that enables businesses to integrate different types of communications and service applications (IP telephony, Voice Mail, Fax Server, etc.) aiming to improve their communications and optimize business processes.

Through unified communications CallCube will enable your employees to receive and send information using the most convenient form. Besides IP telephony, employees can choose from a wide range of communications services and applications, which can help them to make a better daily schedule, easily establish communication with clients and maintain successful cooperation with business partners.

- **Call Recording** – represents a system for telephone call recording, archiving and listening. It is implemented through software that may or may not share the same server platform as the PBX, depending on the system capacity. There are two options for recording calls:
 - **Unconditional recording.** All conversations will be recorded – the PBX automatically detects calls and initiates call recording. Each recorded phone call gets a Call ID and is stored in a predefined database.
 - **Conditional recording** or recording on demand implies the recording of specified phone calls. The user chooses which conversation to record by pressing a button that initiates the recording.
 - The software uses MP3 compression, which guarantees excellent sound quality. The system has a graphic web interface, which enables simple system administration, as well as the reviewing and playing of conversations. The system provides you with the opportunity to automatically erase recordings after a certain date.



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- **Fax Server** is a solution intended for businesses and used for receiving and sending fax messages through e-mail. Fax messages are converted to PDF documents and are sent/received through e-mail. Received messages are archived in a local database and can be accessed at any moment. In this way, you will save time and cut the costs for equipment and material (paper, toner, ribbon, etc.), necessary for traditional fax machines.
- **Audio Bridge** is an advanced IP solution intended for business users who often use high-capacity **audio conference** calls. Conference rooms of different capacities can be easily created and access to all Meeting rooms can be password protected.
- CallCube **Call Center** is an IP solution for call centers, designed to offer efficient call management and permanent communication improvement with existing and potential clients. Besides an efficient and smart routing system and call forwarding, their solution also enables you to record and archive calls, statistical data and reports (CDR), etc.
- **IVR (Interactive Voice Response)** gives the caller the option to automatically communicate with the PABX after the call is established. In the form of a prerecorded voice message, the caller gets the necessary information and instructions from automatic operator, or the opportunity to talk with a "live" operator.
- **Voice Mail** service calls forwarding to voicemail box. If you are out of the office or on an important meeting, you can divert incoming calls to voice mail, so that potential callers can leave a message.
 - You can easily get access to all voice messages by pressing a key on the IP phone. Message box can be password protected for each and every extension.
 - Voice mail can be defined for every extension on the PBX
 - It is possible to forward voice messages to e-mail
 - Voice mail has a capacity of 4000 minutes of recorded messages on the internal storage or an unlimited number of amount of messages on the external storage designated solely for this purpose.
- **GSM integration** – All calls intended for GSM network are directly forwarded to an external GSM gateway. This feature can drastically decrease your phone bills. Further more there are some advanced options:
 - **Mobility extension** - with this feature you can get full-value communication outside the office. All calls from a fixed line extension are automatically forwarded to your mobile phone so you can answer to a call wherever you are.
 - **SMS server** solution gives you opportunity to send and receive SMS messages from any PC in your network. It can be easily integrated with a mail client such as Outlook so customer can get full feature of SMS-to-email functionality
 - **SMS at no answer** - every time when there is no answer to your call, the called person will get SMS message about the missed call.
- **Intercom system integration** – IP intercoms can be easily integrated into existing telephony CallCube system. Furthermore CallCube can also work as an IP intercom switchboard whether it is audio or video intercom system.



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ADVANCED FUNCTIONALITIES – CallCube enables access to a wide range of telephony features that enables easy and efficient manipulation with phone calls and other call functions:

- CID – Caller ID identification
- Caller name display for all internal extensions
- Call Transfer – a feature enabling employees to transfer calls to a colleague on another extensions connected to the same PBX.
 - Blind transfer – call transfer without prior notification of the called party
 - Attended Transfer – call transfer following the notification of the called party
- Call Parking – A feature that allows a person to put a call on hold at one telephone set and continue the conversation from any other telephone set. It is activated by simply pressing an especially designated button on the telephone set.
- Call Waiting and call on hold with an waiting visual indication
- Call Pick-up – A feature that enables employees to answer calls directed to currently unavailable colleagues.
- Call Forwarding – Call forwarding on busy, call forwarding on no answer, Forwarding all calls to a defined extension
- BLF Support (Busy Lamp Field) – A set of LED lamps that indicate which extensions from the same PBX are busy.
- Speed dialing – A feature enabling users to initiate calls by pressing a button on the phone or by typing in a shortcut (a short code). It is very useful for business users who call the same numbers on everyday basis.
- Call routing – Automatic call routing depending on the specific needs of users. The PBX analyzes outgoing calls, i.e. the numbers you are calling, and automatically reroutes the call to PTSN, IP or GSM.
- Blacklist – This feature blocks the calls you don't want to answer. If an incoming call is registered on the so-called black list, the person calling you will hear an automated response saying that the number is not in use and the system will end the call immediately.
- Follow me – A feature intended for user mobility. By pressing an adequate button, an employee reroutes all his or her calls to another extension within the company. This can be useful if you move around the firm a lot. It can also be helpful when you're outside, since a colleague can take your calls. You simply won't have unanswered calls.
- Defining user status: busy, away or available
- Callback service
- CDR (Call detail record) - overview of all calls (missed, received and outgoing)
- Auto provisioning – a feature enabling you to perform an automatic configuration of a new telephone as soon as it is connected to the PBX for the first time
- Time zones support
- Night and day regimes
- DND/do not disturb function
- Time modes – Day/Night operation modes, different operation modes for working days and/or weekend
- Privacy manager
- System backup
- Local and remote operators, Operator button



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- Music on hold

Billing software and CDR - System also has advanced software for billing and detailed call statistics. This software collects data about all generated calls on the CallCube IP PBX:

- Software is in a local language
- Detailed statistics and reports for all outgoing calls with billing information
- Detailed statistics and reports for all incoming calls
- Reports can be generated and filtered by an extension, caller ID, by time the call was established. Also special reports can be generated for local and international calls, for fixed lines or GSM network and many more options of filtering

Technical specification of the IP PBX:

Server/HW:

- Rack mountable, 2HU
- Processor: Intel Xeon E5-2620v2 –2,1 GHz /15 MB/1600 Mhz
- Memory: 1x8GB ECC DDR-3 UDIMM 1600Mhz
- Storage: 2x300GB SAS 10k 205" HDD, 8 bays SAS/SATA HS, SR M5110e (RAID 0,1,10)
- Power supply: Internal 2x550 W - redundant HotSwap
- Robust platform with strong HW redundancy

Software: CallCube software v.11.1.2 (Call-processing, Call-control)

Supported protocols:

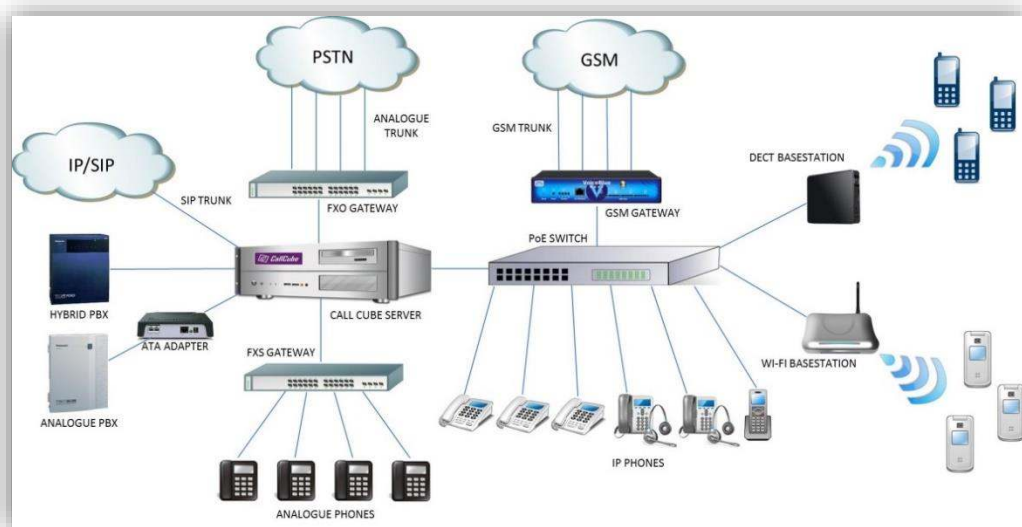
- SIP v2.0, RTP, RTCP, H.323, SFTP, SSH, T.38, MGCP, Megaco, IAX, IAX2, Q.921, Q.931, ETSIQ.sig

Supported Interfaces:

- IP/SIP (Ethernet RJ45), FXS/FXO (RJ11) with an external gateway, ISDN BRI/PRI with an external gateway, GSM with an external gateway, Wireless (Wi-Fi) with an external Access Point, IP DECT with an external DECT base station

Voice codecs supported:

- G.711A/U law, G.722, G.723.1, G.729A/B (Extra license required), iLBC, G.168 (Echo cancelation)





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Kazneno-popravni zavod u Sremskoj Mitrovici
JKP Parking servis, Novi Sad
Polijska uprava Vranje

EXIT 2005, 2006 i 2007, Novi Sad
Evropsko prvenstvo u košarci 2005
MTS
OSCE
Beotel
Roaming
Kreativni centar
Beogas

Lafarge BFC, Beočin
Imel Group, Beograd
Certus, Beograd
Certus, Podgorica
BP Computers, Novi Sad
Asta Group, Novi Sad
Enel PS, Beograd
ZoviMe
Auto trend
Global Finance
Tarket
Pinoles, Beograd
Fun Telecom, Beograd
Tritech
RTV Bijeljina

Dom zdravlja Clinica Nova
Zdravstveni centar Paraćin
Medicina rada
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Specijalna bolnica Merkur Vrnjačka
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