certgate

cgPhone

cgPhone is the professional business solution for your secure mobile communication. Here, cgPhone relies on the worldwide proven ZRTP and SIP standard to encrypt text messages and phone calls.

The cgPhone iOS app is available in the official Apple app store and is particularly easy to use due to its minimalist design.

The cgPhone Server is installed in the data center on your premises. Thereby, companies and organizations of all kinds are completely independent and have all data and systems 100% under their control.

cgPhone is the secure communication solution for daily business if you are talking or chatting about confidential topics on phone.

TOP LEVEL SECURITY · ZRTP ENCRYPTED · SECURE CONNECTION

Download on the **App Store**

TECHNICAL SPECIFICATIONS

Security:
Key exchange: ECDH-384P;
Audio: AES 256 CTR, SHA 384;
Signaling: TLSv1.2;
Simple PKI integration with SAS signing

Standards:
SIP, ZRTP, SRTP

Interfaces:
SIP-Trunk, analog, ISDN, SS7

Reliability:
HA-support, Geo-redundancy

Highest scalability:
• Clustering of cgPhone server nodes
• Virtualized Server nodes (VM image)
• + 1000 simultaneous calls per node
• +250 participants per telephone conference

Codecs:
OPUS WB for best HD voice quality

YOUR BENEFITS

✓ Server installation for your data center
✓ Clusterable for high scalability
✓ Fail-safe thanks to multi-node capability
✓ Landline break out in other PTSN or networks
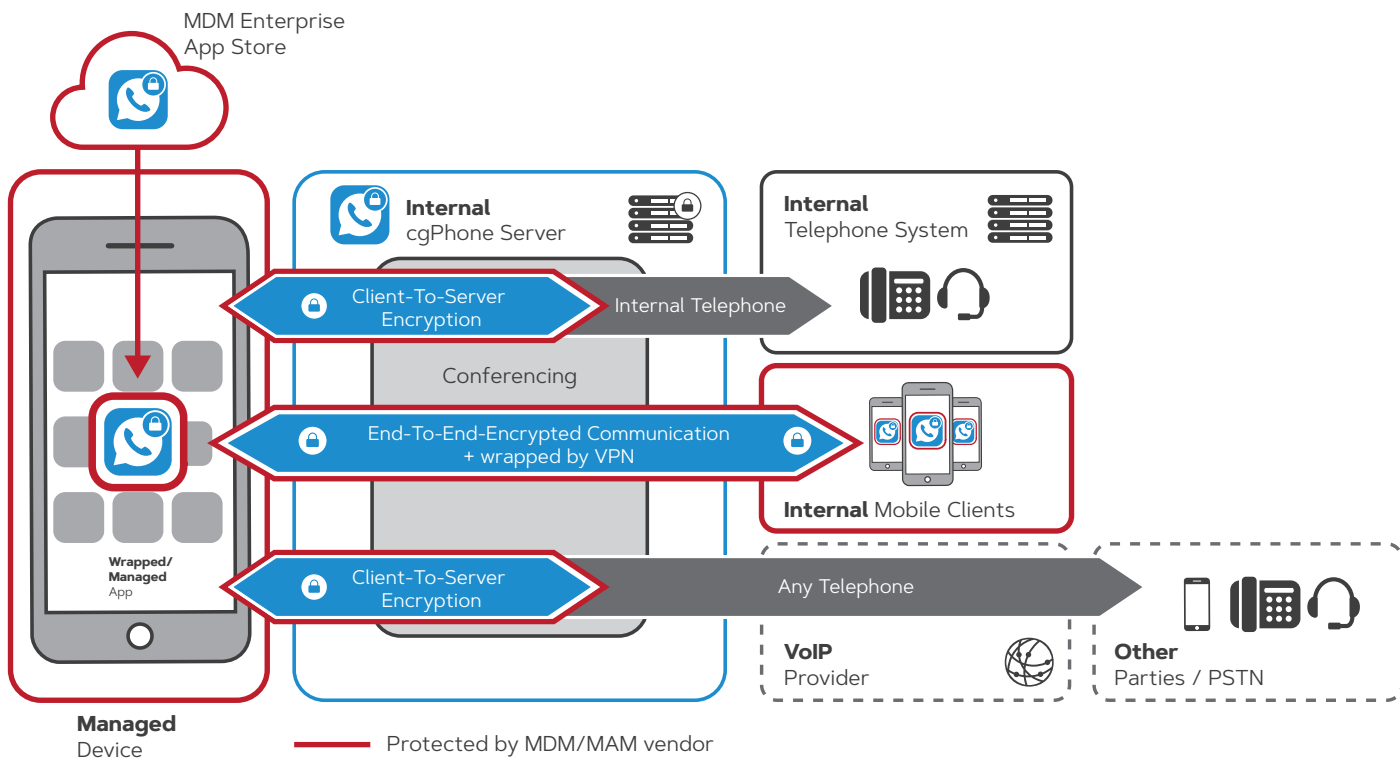✓ Allows completely disconnected communication
✓ 100% under your sole control

FEATURES

• Instant encryption through the cgPhone App
• End-to-end encrypted secure telephony
• End-to-end encrypted secure chat
• ecurely encrypted telephone conferences
• Securely encrypted voicemail
• Landline connection to PSTN or telephone systems
• Private, non-public / dedicated phone number
• Easy-to-use
• Intuitive interface
• Zero Footprint roll out for your organization (software only)
• Auto-burn function for self-extinguishing messages
• Allows completely from public internet disconnected communication

SUPPORTED MOBILE PLATFORMS

iOS

www.certgate.com

MOBILE DEVICE
MANAGMENT

MDM Enterprise
App Store

Internal
cgPhone Server

Internal
Telephone System

Client-To-Server
Encryption

Internal Telephone

Conferencing

End-To-End-Encrypted Communication
+ wrapped by VPN

Internal Mobile Clients

Client-To-Server
Encryption

Any Telephone

Wrapped/
Managed
App

VoIP
Provider

Other
Parties / PSTN

Managed
Device

—— Protected by MDM/MAM vendor

SUITABLE FOR ANY ORGANIZATION WITH CONFIDENTIAL PHONE CALLS & CHAT

- Lawyers, notaries and other professional bearer of confidentiality with mandate data
- Police and legislature, such as judges and prosecutors
- Authorities
- Military
- Cash-in-transit companies

- Chemistry and pharmaceutical companies
- Engineering
- Distributed locations
- International travelers
- Automotive & suppliers

INFORMATION & FAQ

In our Online Service & Support area we provide you the latest documentation, manuals and many more.

www.certgate.com/support

cgPhone
SERVER REQUIREMENTS

Hardware requirements server

- Latest Intel processor, 4 GB RAM, 40 GB hard drive

In operation as VM:

- VMWARE ESXi 6.5 or Oracle VirtualBox 5.1

SecurITy
made
in
Germany