

COMtrexx[®] Advanced



Ultimate performance COMtrexx Appliance

- Compact and high-performance ICT enterprise-class rack server
- Flexible and scalable thanks to COMtrexx floating user licence model
- Up to 250 users licensable
- Up to 250 parallel calls
- Configuration and monitoring via COMtrexx Control Center

Your advantages in detail

COMtrexx Advanced is the most powerful appliance in the COMtrexx solutions line-up. Equipped with an Intel[®]Xeon[®] E processor of the latest generation, it offers significant performance headroom for all professional communication requirements. COMtrexx Advanced enables the fast and inexpensive implementation of projects with up to 250 users with a maximum of 250 simultaneous calls

The key facts:

- up to a maximum of 250 users can be licensed
- up to 250 parallel calls
- via zero-touch provisioning of the latest generation, the set-up of devices is carried out in an extremely time-saving, fully automated way
- optimised for operation with COMfortel D-series SIP phones

- integrated conference solution with up to 10 parallel conference rooms and 20 internal participants each
- roaming user function for an easy-to-use support up mobile work environments
- convenience functions such as central caller lists as well as CTI and BLF possible with the COMfortel D series
- remote monitoring and backup via COMtrexx Control Center and Auerswald Remote Access

Mobile working is easily and securely supported by optional soft clients for computers, tablets and smartphones. The cost-effective COMfortel SoftPhone for voice and chat is available at the entry level. Those who need more extensive functions and more intensive integration into business processes will find the optimal UCC solution with PBX Call Assist.

Features at a glance

COMFORT FEATURES

- Up to 250 users licensable
- Up to 250 parallel calls possible¹
- Setting up groups
 - 128 call groups
 - up to 40 members per group
 - Fixed channels can be reserved for group calls
- Automatic control centre, maximum 10 different configurable
- Block- and Allowlist, 10 each for coming and going, total maximum 200
- Call of any second destination in parallel to the registered primary device
- Call data management with 18,000 data records
- Call pick-up (e.g. from the integrated voicemail)
- Broker and mediate
- Pickup
- Protection against attacks by setting blocking lists (blocked IP addresses) and activating blocking times
- Text before signalling (can be switched for groups and for the automatic switchboard)
- Music on hold with switchable announcement text
- Autoprovisioning for standard SIP phones²
- Roaming user function
 - Enables individual users to log on and off at different telephones
 - Personal caller lists can be transferred to different workplaces
- Centrally stored caller lists
 - User-specific caller lists are stored centrally in the system
 - Stored lists are available when a user logs on via the telephone
 - Access only possible via the user
- Logging in and logging out a user via a telephone by PIN dial-in
- Registration of max. 750 terminals possible

SIP CONVENIENCE FEATURES FOR STANDARD SIP PHONES

- SIP-BLF, Busy Lamp Field acc. to RFC 4235
- SIP-MWI (Message Waiting Indication), monitoring of the central voicemail and fax boxes acc. to RFC 3842
- Pickup pre-check³

COMMUNICATION PLATFORMS

- Up to 10 conference rooms with 20 internal participants each (audio)

- Up to 100 channels can be assigned simultaneously across all conference rooms

CENTRAL ADDRESS BOOKS

- 2,000 contacts
- Separate address books for departments and multi-company operation
- Import of VCF and CSV files
- Address book provisioning via LDAP

VOIP TELEPHONY

- Call deflection
- Call forwarding on busy (CFB), no reply (CFNR), unconditional (CFU) at carrier trunk, configuration dependent
- Transfer of customer-specific calling number information with outgoing calls (CLIP no screening)
- SIP compliant with RFC 3261
- VoIP point-to-multipoint and point-to-point connection (SIP trunking)
- MSNs in SIP-Trunk simultaneously
- Integration of external extensions (information on the location of the telephone is taken into account in an emergency call) and mobile clients
- VoIP-Codecs: G.711, G.722, G.729
- High voice quality through optimised echo cancellation and wideband audio with G.722
- Encryption of signalling/signalling (SIPS) and voice data (SRTP) for internal calls
- Compatible to standard SIP telephones
- Support of soft phones

VOICEMAIL AND FAX

- Message and fax forwarding via e-mail
- Remote access of the voicemail boxes incl. voice guidance
- Call acceptance and individual announcements depending on calling number, time and call type
- Substitute function
- Up to 250 fax mailboxes, each with 500 messages per box
- Up to 250 voicemail boxes, each with 500 messages per box
- Maximum 32 channels can be used for voicemail and fax

UCC FUNCTIONS⁴

- Call journal
- Instant messaging for a better sharing of information
- Platform independent (Windows, Mac, iOS, Android)
- Presence management with automatic status detection
- Alignment with MS Teams
- Call setup and ending via the PC, incl. Outlook plug-in
- Softphone-functions for Windows, Android und iOS
- Up to 250 users can be licensed

COMFOTEL SOFTPHONE⁵

- Softclient for the base functionality SIP telephony and messaging
- Secure and simple PBX connection from anywhere via Auerswald cloud service
- Softphone for Windows, iOS and Android

SOFTWARE INTERFACES

- LAN-TAPI⁶
- Access address books via LDAP
- Support of basic CTI function via action URLs⁶

INSTALLATION AND MAINTENANCE

- Support of the COMtrexx Control Centre for secure remote control & backup management

UNLOCKABLE OPTIONS

- User licence: Activates all functions of the Soft PBX and is required for linking users to a device. One licence must be activated for each active/registered user on the system⁷
- PBX Call Assist

COMPATIBLE PRODUCTS

- 90277 / COMfortel® D-110
- 90278 / COMfortel® D-210

- 90262 / COMfortel® D-400
- 90263 / COMfortel® D-600
- 90241 / COMfortel® M-710
- 90242 / COMfortel® M-720
- 90243 / COMfortel® M-730
- 90686 / COMfortel® WS-500S
- 90687 / COMfortel® WS-500M
- 94653 / COMfortel® SoftPhone
- 94xxx / PBX Call Assist 5

TECHNICAL SPECIFICATIONS

Trunk lines⁸

- VoIP channels (SIP acc. RFC 3261), point-to-multipoint / point-to-point connection (SIP trunking): min. 0 | max. 250 (freely configurable)
- VoIP codecs: G.711, G.722 and G.729

User connection⁸

- VoIP subscribers: min. 0 | max. 250
- VoIP channels (SIP acc. RFC 3261): 250 (freely configurable)⁹
- internal VoIP codecs: G.711, G.722 and G.729

Voicemail and fax system

- Voicemail channels: 32
- Fax channels: 32
- Voicemail boxes / fax boxes: 250 / 250

Hardware characteristics

- Form factor: 1U 19" Rackmount Server
- CPU: Intel® Xeon® E-2224 (3,4 GHz 4-Core 71W TDP)
- RAM: 8 GB DDR-4
- Storage: SSD 240 GB SATA 6G Read Intensive
- Power supply: internal PSU AC 230/120 V 50/60 Hz 290 W 80 PLUS PLATINUM

DELIVERY

- Base unit
- Installation and setup guide

¹ Independent of the number of registered users in the system.

² Supported for telephone models D-600/D-400/D-210/D-200/D-110/D-100 and WS-500S/M IP-DECT systems. Also partially supported are telephone models from other manufacturers such as Yealink and Snom

³ Is only supported for the telephone models D-400/D-600 and D-210/D-200 in operation with an extension.

⁴ Paid licence per user and installation of a UCC server required

⁵ Firmware version 1.6 or higher

⁶ Is supported for the telephone models D-600/D-400/D-210/D-200/D-110/D-100 from Auerswald

⁷ The licence can be used by several users ("floating"), provided that the total number of active users corresponds to the total number of licences in the system.

⁸ Possibly depending on the configuration of the telephone system

⁹ All VoIP channels are freely configurable between internal, external and dynamic

ORDERING INFORMATION

Designation: COMtrexx® Advanced

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