V9 Featurelist

PBX System Features

For all innovaphone products based on V7, V8 and V9

- Access to exchange via group number
- Access to separate exchange via individual number
- ACD groups
- Active Directory Replication
- Administration via uniform interface
- Alarm and error events
- Alternate route selection
- Announcement before pickup (*)
- Announcements (*)
- Authorisation groups (class of service)
- Automatic break through for call protection for preferred numbers
- Automatic call distribution (ACD)
- Automatic night switching with week clock
- Automatic route selection (ARS)
- Bootcode with minifirmware (not supported with IP3000)
- Branches (virtual central PBX)
- Bunched circuit
- Call back
- Call back also if internal call
- Call detail recording (CDR)
- Calling line identification restriction (CLIR)
- Calling party identification (CLIP)
- Calling to E.164
- Calling via ENUM (H.323 and SIP)
- Centralized backup / firmware / config upload

- Circle call with circle call query (#)

- Clock synchronization via IP

- Config templates for PBX User

- Configurable tones

- Configure / change / delete call diversion via web

- Conversation return to operator

- Cross connection via IP

- Cross connection via ISDN

- Different call (external, internal)

- Direct dial (with and without number reassessment)

- Door bell interface with door opener function (#)

- DTMF detection disabling

- DTMF-post dial/direct dial

- Emigration of endpoint

- Enhanced error reporting (SIP, QOS parameter, router error reporting)

- Enhanced H.323 features according to H.450.x

- Extended DTMF Object (feature set via DTMF dial)

- External communication

- Firmware upload in DRAM (not supported with IP3000)

- Floating license model

- Flexible dial plan

- General night switching

- Group call (all, circular)

- Hide Objects from LDAP

- Home office integration

- HTTP / HTTPS allowed stations

- Incoming direct call to subscriber or group

- Interactive call acceptance (*)

- Interface for external announcement construction (#)

- Internal communication

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- Internal music on hold

- LDAP replication

- Least cost routing (LCR)

- Log forwarding

- Message center (H.450.7 or DTMF)

- Message Waiting Indication (MWI)

- Messaging (SIP and H.323)

- Mixed dial method (overlap and en-block dialing)

- MS-chap V1/V2

- Multi conferencing (IP800, IP6000, IP0010, IP1060, IP3010, IP6010)

- Multi protocol (H.323, SIP)

- Multilevel admin access (detailed multilevel user rights for the PBX configuration)

- Multiple system admin (multiple admin and viewer rights possible for the whole system)

- Multistage login (multi-user)

- Music / announcement in standby from analogue resource (#)

- Music / announcement in standby from HTTP resource (*)

- Network wide features (Master/slave with virtual PBX)

- Only calling to registered subscribers (passive control)

- Overflow of subscribers and cross connection

- Overlapped sending

- PBX directory search (LDAP search via DTMF)

- Phonebook either from internal or from external source (LDAP)

- QSIG

- QSIG inter-working

- QSIG trunking (point to point and point to multipoint)

- Redundancy of the ISDN-lines

- Redundancy of the PBX

- Remote monitoring and remote diagnostics

- Remote software upgrade

- RTP Proxy

- SDP Transit (for video and other codecs)
- Short dial (individual, group, system wide)
- Silent intrusion
- SIP/H.323 Medial Relay (RTP stream routing via gateway)
- SIP trunking
- SIP via TCP
- SIPS (SIP-Secure) – SIP via TCP/TLS (not supported with IP3000)
- SNMP Traps (alarm events)
- SOAP-API
- SRTP (Voice encryption) for H.323 and SIP (not supported with IP3000)
- Subscriber authorisation
- Standard protocols to the endpoint
- Subscriber groups with progressive call (parallel, circular, sequential)
- Switch between day/night with code digit from subscribers
- System time/date via timeserver (LAN or web)
- TAPI / Multi line TAPI (via several PBX's / locations)
- Telephone number assignment
- Time based subscriber authorisation
- Twin Phones
- US standard (T1 and CAS)
- VoIP-CAPI
- Waiting queue – call busy operators / CFU disable operators
- 802.1x

New in V8

- Announcing the queue position in a waiting queue
- Call completion on busy/free to ISDN
- Customized Visual Appearance (individually designable user interface)
- Dual Forking (OCS Integration)
- Dynamic PBX (more PBXs on one Device) PBX hosting / PBX virtualization

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- Kerberos based authentication and Cross Realm authentication

- Mobility (GSM integration) - Call-waiting - hold - transfer - park - group login/logout - mobility on/off - setting presence status

- Off load Dialtone (external gateway)

- Off load Media Relay (external gateway)

- Off load MOH (external gateway)

- Presence

- Recording at the ISDN and analogue interfaces

- Roaming Phone Profiles

- RSTP (Rapid Spanning Tree)

- Send Message to group

- SIP error detection (alarm/event updated)

- SIP Federation

- SIP video multisite support

New in V9

- Executive / secretary enhancements

   o Secretary can initiate calls with CLIP from the executive

   o Executive can see if the secretary is joined or unjoined in the primary secretary group

   o Executive sees if a call diversion is set at the secretary

   o Breakthrough disabled call waiting at secretary

- innovaphone Reporting

   o Based on internal or external Linux Application Platform

   o Based on PBX CDR's

   o Predefined filter

   o Reports (export as PDF, XML) from filter, combined filter, date and time

- UC client (myPBX) web-based and Windows launcher

   Languages supported: Danish, English, Estonian, Finnish, French, Italian, Latvian, Dutch, Norwegian, Polish, Portuguese, Spanish, Czech – additional languages on demand.

- o CTI (initiate call, accept call, teminate call, hold call, retrieve call, transfer call, park call, 3PTY conference)

- o Manage own diversions

- o Call list

- o Presence (manage own presence state)

- o Buddylist (including partners presence and call status)

- o Chat (multiparty chat)

- o Audioconference (via innovaphone audio conference Interface)

- o Videoconference (via integration of Webex or Microsoft OLM)

- o Application sharing (via integration of Webex or Microsoft OIM)

- Emergency call priority

- Enhanced Boolean (call forward, filter and diversion filter) based also on date

- Import/Export PBX user database (CSV/XML)

- Individual MOH (context sensitive based on object, node or PBX)

- IP filters for registrations with or without password

- IPv6 support (IPv6 routing, 6to4 routing and HTTP access, telnet)

- LDAP via TLS

- Maximum call duration

- MTLS

- NTP redundancy

- Partnerkeys via separate PBX's

- Wideband audio

Features IP Phones – IP110 / IP200 / IP230 / IP240 / IP240-1000 / IP241 / IP222 / IP232

- Adjustable loudness

- Adjustable ringing tones also possible, import RTTTL and midi files

- Alphanumeric phonebook

- Announcement via loudspeaker

- Automatic callback on busy and free

- Automatic redialing

- Automatic redialing to busy bunched circuit

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- Blind transfer

- Call diversion to internal phone number

- Call hold / retrieve call diversion to external phone number

- Call intrusion

- Call list (outgoing, incoming, combined, not reached, not answered)

- Call park and enquiry from other subscribers

- Call prevention

- Call transfer / pickup (selective and from a group)

- Call waiting (acoustical and optical signaling of waiting calls)

- Caller identification (name/number)

- Changeover of the assigned partners

- Conference (3 way)

- Configuration of the voice recording via HTTP

- Connect to busy and free subscribers without notification

- Counter and list of missed calls

- Date and time display (automatic summer/winter time adjustment)

- Delete call back

- Delete variable call diversion

- Dialing an IP address (with and without RAS)

- Dialing with code key from an unauthorized phone

- Direct dialing (immediate, internal/external)

- Display duration of call

- Display calling number

- Emigration of subscriber/endpoint

- Fixed call diversion (unconditional, no answer (time adjustable) on busy)

- Forced announcement (priority call)

- Function keys – multitude possible – exact list can be found in the technical specification of each IP phone

- Hands free

- Headset

- Individual configuration

- Individual phonebook

- Intercom with automatic call pick up

- Interlinked and limitless multiple conference

- Manager/assistant feature

- Message waiting indication (MWI)

- Messaging

- Multi language

- Multi-protocol and multi-registration (SIP and H.323 concurrent)

- Multiple registrations with selective de-registration

- Mute (switch off the microphone)

- Name dialing

- Open listening

- Over plugging (connect call to a busy subscriber)

- Phone lock

- Preferred subscribers

- Project code

- Redialing of the last 100 dialed numbers

- Silent Intrusion

- SIP via TCP

- SIPS (Secure SIP via TCP/TLS)

- SRTP (SIP and H.323)

- Status indication of the subscriber (free/busy/call)

- Subscriber with several lines

- Subscriber with several numbers

- Transfer with consultation

- Variable call diversion

- 802.1x

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New in V9

- Colour display (IP241 / IP222 / IP232)
- Individual background picture (IP241 / IP222 / IP232)
- Individual audible signal for announcement calls / multicast announcements and messaging
- Wideband audio (IP222 / IP232)
- 802.3az (IP222 / IP232)

Features: 3rd party Phones connected to analogue (POTS) port, DECT phones IP52 / IP54 / IP55 / IP61 / IP63 / IP65

- Call completion on busy
- Call completion on free
- Call diversion to internal/external number
- Call hold/retrieve
- Call park and enquiry from other subscribers
- Call protection
- Call transfer/pickup (selective and from a group)
- Call waiting (acoustic and optical signal of the waiting call)
- Clip to an analogue phone
- Confirmation tone (positive and negative)
- Connect to a free and busy subscriber without notification
- Delete variable call diversion
- Dial with code key from an unauthorized phone
- Direct dial immediate (internal, external)
- Do not disturb (internal and external calls)
- Fixed call diversion; unconditional, no answer (time adjustable), on busy
- Lock phone
- Message Waiting Indication (MWI) on DECT Phones
- Preferred subscriber
- Project code
- SIP via TCP

- Special tone when active feature
- Transfer with consultation

Features innovaphone Voice mail (*)

Languages supported: German / English / Italian / French / Dutch / Spanish / Norwegian / Danish / Polish / Swedish Czech – additional languages on demand

Voicemail runs on Compact Flash (CF slot in IP800, IP305, IP302, IP2000, IP6000, IP1060, IP3010, IP6010) or on external Web Server

- Email notification (with or without attachment)
- Listen to /delete / store voice mails by means of DTMF input
- MWI (according to H.450.7)
- Personal greeting message
- Voice recording

News in V9

- Voicemail support SRTP

Features Operator (V8) software based

Localized versions: German / English / Italian / Dutch – additional languages on demand

- Busylampfield (divided into groups)
- Call journal
- Call transfer (with/without consultation (blind))
- Drag&Drop or with keypad use
- Integrated help
- Monitor blind transferred calls
- Monitor of waiting queue
- Name display for incoming calls in LDAP directory
- Park/unpark
- Send messages to PBX users
- Searching within a LDAP directory
- Searching for PBX users in all PBX´s

- Set/change call forward for all PBX users

- Set/change presence status for all PBX users

- Show busy state

- Show call forward

- Show current call

- Show presence status

- State-of-the-art user interface

- Support of Master/Slave scenarios

Features Interactive Voice Response (IVR) (*)

- Announcements depending on the caller (e.g. automatic or manual language selection)

- Call handling according to lines and/or calling number (CLI)

- Listen to the menu also from internal subscribers

- Multi level menu

- Overflow from the operator to an automatic operator

- Voice menu at extension (if no answer, busy, unconditional)

- Voice menu with information and automatic dialing

- Voice menu with predefined destinations

- Voice menu with manual dialing of the destination (DTMF)

New in V8

- Announcing the queue position in a waiting queue

Note:

(*)   External or internal (CF-card) web server required

(#)   innovaphone IP21 required