

OPERA 20 IP

IP & ISDN System for Small Businesses

THE FLEXIBLE COMMUNICATION PLATFORM
FOR SMALL BUSINESSES AND HOMEWORKERS





THE COMPLETE IP / ISDN SOLUTION FOR SMALL BUSINESSES

Opera 20 IP integrates all voice requirements for micro- and small businesses via a compact IP-platform, providing SIP- as well as ISDN trunks with integrated voicemail, via auto-attendant, FMC, a multi-purpose Unified Communications-portal and further user-friendly applications.

The highly scalable IP system architecture fully integrates conventional technologies, ISDN-trunks and analogue users.

IP System Phones

The desktop IP-system telephones Operafone Executive and Operafone Professional have both a 4- line blue-backlit display and context-intuitive user guidance. The Executive-telephone can be enhanced by an auxiliary unit with 48 keys and a standard headset. The terminals can either be used on site or remotely via Internet broadband connection.

Auto-Attendant

Up to 100 separate announcements and menus can be played to the caller pending on time, the chosen language and other options. The caller then confirms by digit insertion to which extension or service he wants to be connected with.

Fixed Mobile Convergence - FMC

Users can ensure their availability via a single telephone No. as well as one centralised mailbox for their IP system telephone, PC-softphone and mobile device. Any WLAN/3G and SIP-compatible mobile terminal can be registered as an extension on the system via WLAN or on a 3G-public network. Incoming calls are indicated on the display of every registered terminal. The subscriber presents one CLI, irrespective from which device he is making the call. The profile of the registered devices can either be selected manually by the subscriber or automatically via the system according to the last terminal used.

IP-Networking of Multiple Systems

Up to 100 Opera IP-systems can be linked up into one network with a homogenous call numbering plan. A central operator can take on incoming calls from any extension of this network.

Browser-Based User Portal

Feature-rich and easy-to-use administration interface for users for two-way synchronization of personal address book and Outlook- or Gmail-contacts as well as managing voicemail and other main telephone settings.



System Capacity

- SIP-, ISDN- or analogue PSTN-interfaces (up to 10 SIP and max. 2 BRI / FXO trunks)
- Connection of up to 16 IP-system telephones via LAN or remote locations (default software provides already 4 licence-free slots)
- 4 FXS-extensions
- Automated Attendant
- Voicemail (users/groups: max. 40 boxes)
- Networking of up to 100 Opera-systems
- SIP-extensions (max. 12) for connection via WLAN or 3G-network.

Enhancement Licenses

- Connection of IP-system telephone(s) via LAN / WAN
- Call recording from all system telephone extensions
- Voicemail incl. E-Mail-forwarding of voicemail messages
- Music-on-Hold, downloadable 3 minutes in WAV/MP3
- Unified Communications-Portal for all subscribers
- Meet-Me-Conference Room for up to 7 participants (internal/external) with up to 2 simultaneous conferences
- PC-system Phone (Windows Softphone)
- iPhone & Android Registration licences
- Network connection of up to 100 Opera systems
- SIP extensions (max. 12) for connection via WLAN or 3G-network.

Special User Features

- Browser-based Unified Communications-Portal with a.o. the following features: presence status of users (9 definable status indications), programmable call diversion in dependence of the presence status of users, Importing of Outlook-contacts into the address book, PC-dial assist out of the journal, listen to voicemail out of the journal,
- Browser-based operator function with busy-lamp-status of all registered extensions
- Hot-Desking (via PIN-activation on any IP-system telephone showing the current telephone status and providing all programmed features of the original extension)
- One extension number for users with several terminals
- Presence through automatic call routing to the last used IP system Phone / Softphone / via WLAN or registered 3G-mobile
- Conference rooms for up to 7 participants (per conference)
- Up to 2 simultaneous conferences with Opera 20 IP
- Networking of 100 Opera IP systems
- Dial-assist via TAPI for outgoing calls from Microsoft Outlook.

Service Optimisation via Cloud-based Server for Maintenance Customers

- Optimisation of service revenue for value-added resellers (e.g. system integrators)
- Avoidance of additional cost (e.g. remote site interventions of technical staff)
- Synchronization of licence orders and actual provisioning
- Automation and rationalisation of processes
- Remote management concept increases motivation of customers to outsource services.

Auto Detection of IP System Phones

The system phones have a DHCP client and recognise the system and are automatically assigned extensions numbers and Registration PINs.

System Capacity

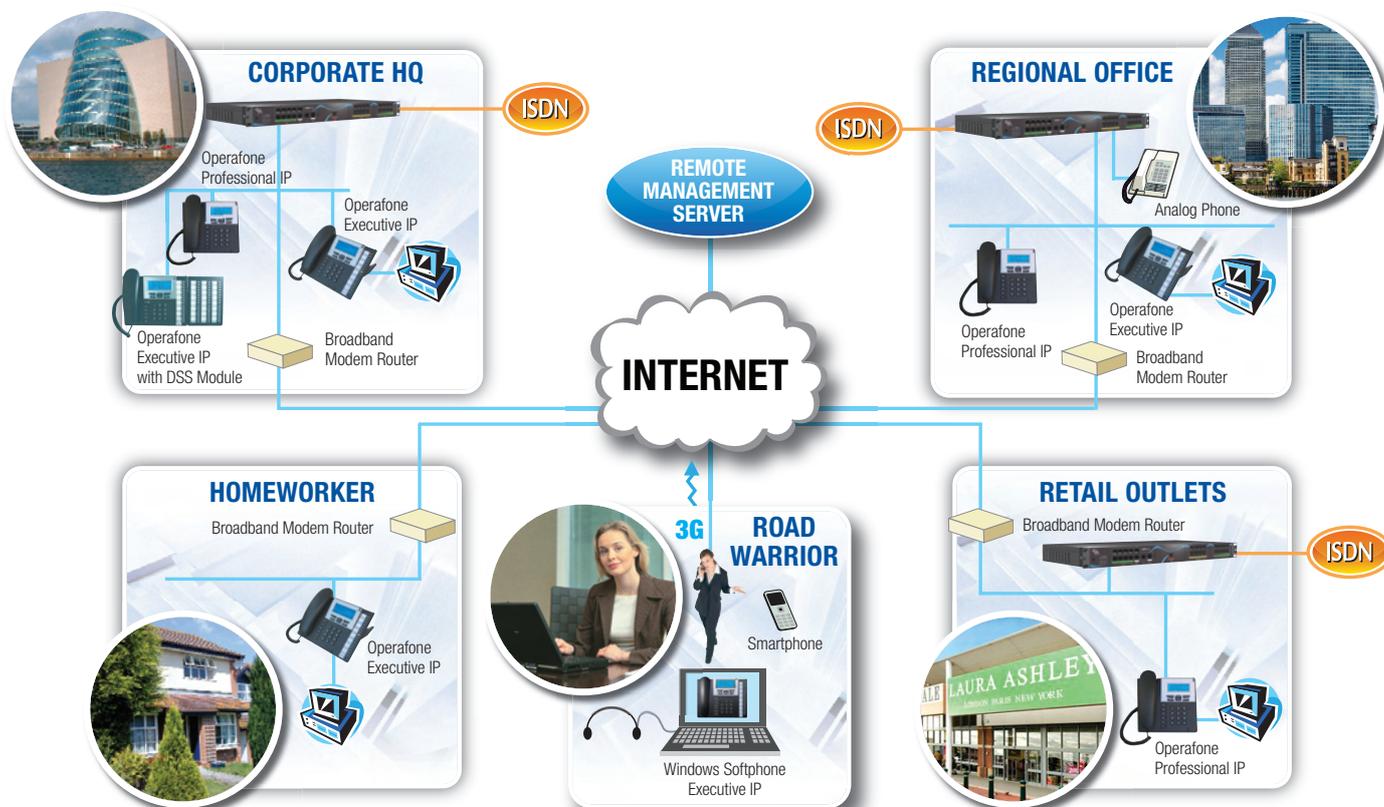
- 2-10 SIP-trunks (RFC3261)
- 1/2 ISDN-BRI or analogue FXO-trunks (RJ45)
- 4 - 16 IP-system telephones
- Up to 12 SIP-extensions
- 4 analog FXS-extensions (RJ45)
- 1 Ethernet-interface (RJ45)
- 1 relay for door opening function (Rj45).



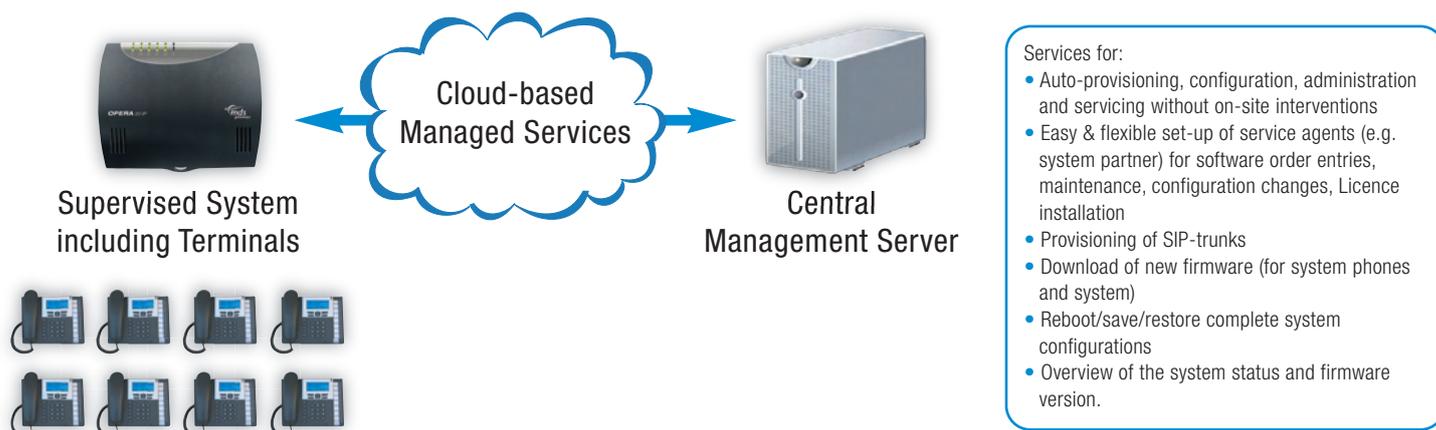
SITE-INDEPENDENT SYSTEM DISTRIBUTION AND FULL PROVISION OF SERVICES

Via the system architecture of the Opera IP platforms and their networking possibilities, up to 100 systems can be tied into one network, with an optimum of available managed services provided by a cloud management server to any connected platform - irrespective where the system is located. Via the system architecture of the Opera IP-platforms and their networking possibilities, up to 100 systems can be tied into one network, with an optimum of available managed services provided by a cloud management server to any connected platform - irrespective where the system is located.

Typical Configuration



Service Optimization via Cloud-based Services Decentralized Managed Services



Collaborative Communication Made Easy!

MDS Gateways is since its foundation in 1985 a proven vendor of leading communication systems for small to medium enterprises (SME's) with a worldwide sales network to incumbent carriers, Internet service providers and established distributors.

As strategic supplier to numerous market leading customers, MDS Gateways stands for innovation, continuity, flexibility and reliability. This is mirrored in the long-lasting and extended business cooperations with our partners.

With our safe and future-proof products we provide considerable support for our partners to successfully build their respective market positions.



Cloud Managed Services
Unified Communications
Collaboration-Tools Wireless Integration
Platform-Virtualisation
Multiple VoIP-Networking
Intelligent Call Distribution
Unrestricted Mobility



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