IP-INTEGRA SIP Server

(Virtual Machine)

The smart Linux-based IP-INTEGRA SIP-server allows our customers to integrate and control IP door phones, IP-telephony, and IP-audio solutions with ring bells for schools and institutions and patient call centres.

Additionally, the server can be integrated with the system containing nursing and hospital shelters and third-party SIP-servers. With our customers in focus, the server is ready for system customization and OEM development and is scalable to larger systems with 1024 parallel calls and infinite number of clients.

The system can be expanded and adapted to customer needs by purchasing additional features for the SIP server. IP-INTEGRA SIP-server can be used for offices, private homes, institutions, and large residential complexes.

Highlights & Requirements

- **Easy configuration** of all IP-INTEGRA clients from IP-INTEGRA SIP-server
- **Free INTEGRA VoIP APP** for Android, iOS and Windows connecting to SIP server regardless of the location
- Combine **IP-intercom and IP-public audio** solution on the same SIP-server
- Forward calls to landline or GSM number by creating **TRUNK connections**
- Upload ringtones and pre-recorded voice messages for **Audio Paging or IP Broadcast** to SIP-audio clients
- Available **Remote Support**
- Create, clone, and disable extensions or group of extensions in seconds
- Grouping of extensions, mobile extensions, and external numbers with **Ring Groups**
- Audio file reproduction **Scheduler**
- Easy port configuration from default values
- Multi-destination **system backup**
- Easy to scale by adding new licenses
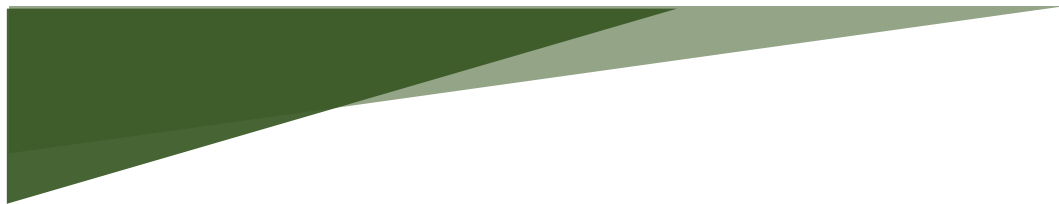- System **monitoring**

Hardware requirements

CPU	2 Core CPU
RAM	Minimum of 2GB of RAM
Disk Space	64GB
Networking	Internet connection is required
VM File Format	.ova (Open Virtualization Format)

SIP-SERVER OEM

Virtual Machine

FREUND ELEKTRONIKA d.o.o
International Burch University | Francuske revolucije bb. | 71 210 Ilidža | Bosnia & Herzegovina
www.ip-integra.com | info@ip-integra.com

*If a mobile app is used, a **public IP address** is also a requirement and following ports have to be open:

Protocol	Port (Default)	Short Description	Post Forwarding Required
UDP	15060	IP-INTEGRA VoIP system	YES, if you intend to remote setup and update Remote Extensions and Mobile APPs. Note: Recommend change to port 15060 because of ALG conflict with some private routers.
TCP	8090	HTTPS communication and Remote provision	YES, if you intend to remote setup and update Remote Extensions and Mobile APPs.
UDP	19000-19500	IP-INTEGRA Media Server (RTP)	YES, if you intend to use VoIP providers, Remote Extensions and Mobile APPs. Note: Number of ports are double of number of parallel calls. Default setup is 500 ports and 250 parallel calls.

Note: If SIP-ALG on the router is active, please turn it OFF.

Freund Elektronik A/S, in cooperation with our sister company Freund Elektronika D.O.O. Sarajevo, is developing an IP-Based Intercoms, Audio Systems, Access Control and Smart Home solutions.

As a developer, manufacturer, and reseller, we have been self-improving and perfecting ourselves for over 30 years.

In the industry, we negotiate the most advanced and innovative solutions regarding the building communication. Our daily focus is on the development and user friendliness of our high quality and pleasantly designed products.

As a developer and manufacturer of our own IP-INTEGRA system, we have made a top-of-the-line products for Door Telephony, Public Audio, and Access Control solution.

Our development department, together with our partners, has created elegant and robust door phones, SIP-Centrals, Terminals, IP-Speakers, ACC Controllers, and applications with intelligent features using the most advanced technologies when available, and creating new technologies when they are not while keeping it simple for our customers.

FREUND ELEKTRONIKA d.o.o
International Burch University | Francuske revolucije bb. | 71 210 Ilidža | Bosnia & Herzegovina
www.ip-integra.com | info@ip-integra.com