

## IP Gateways

# Platan Gateway

Platan Gateway is a series of IP-analogue gateways designed to take advantage of cheap Internet calls made from the analogue phones. It's a perfect solution for small and medium companies, looking for both savings and the newest telecom systems.

Excellent voice quality and support of many concurrent calls create a system, which capacity is tailored to the company's real needs. Platan Gateways support any VoIP provider and PBX systems of any producer.

- *Three models: 8, 16 or 24 users*
- *Up to 24 concurrent calls*
- *Perfect voice quality*
- *Easy to use*



### Savings

Cheap Internet telephony, the possibility of using inexpensive analogue phones and even the previously bought PBX – it all influences the lower cost of calls and of PBX system modernisation.



### Look Who's Calling

Before answering the phone you can see who's calling – the caller's number displays on the analogue phones connected to the gateway. You can also dial the numbers saved in the calls history and in the phone's phonebook.



### Efficiency & Security

All users can make & receive calls at the same time, as every telephone port has its own SIP account assigned. Embedded mechanisms prevent the hackers' attempts of attacks, and assure the high level of security.



### Excellent voice quality

The excellent voice quality is owned to the advanced cancellation of echo, which is characteristic to the VoIP calls. The gateways support the T.38 standard, so the faxes can be also sent over the Internet (*Fax over IP*).



### Easy to use

Legible, intuitive web interface with handy help makes the remote management and programming easy. Universal, compact casings can be mounted in the RACK 19" ICT or on the wall.



**Platan GW-8**



**Platan GW-16**



**Platan GW-24**

## Technical data

### Features & Services

- Full Calling Line Identification (CLIP).
- Short numbers for internal communication.

### Configuration & Management

- Web interface (Polish, English, Russian).
- Remote access by MyServer platform.

### Network parameters

- VoIP card – possibility of connection a distinct Ethernet.
- IP address: static / DHCP.

- Protocols: HTTP, DNS, TCP/UDP, RTP/RTCP, DHCP, NTP, STUN.
- DTMF transmission: In audio, RFC2833, SIP Info.
- SIP compatibility: v2 (RFC3261).
- Fax over IP: T.38 standard for all ports.

### Audio parameters

- Audio codecs: G.711 aLaw, G.711  $\mu$ Law, G.726, G.729A, GSM.
- Echo cancellation.

### Outputs

- Ethernet ports: 1  $\times$  RJ45 (10 / 100 Mbps).

- FXS telephone ports: 8  $\times$  RJ45 (GW-8 model), 16  $\times$  RJ45 (GW-16 model), 24  $\times$  RJ45 (GW-24 model).

### Power supply

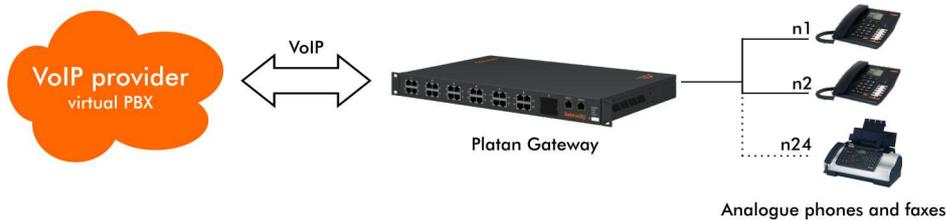
- $\sim$ 230 V +/- 10%; 50 Hz, max 50 VA.
- Backup power supply: UPS.

### Others

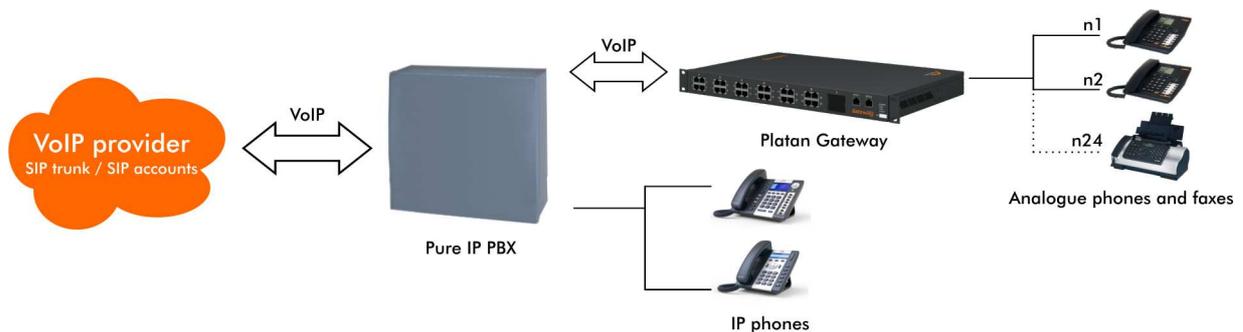
- Dimensions (width  $\times$  height  $\times$  depth): 483 (19")  $\times$  44 (1U)  $\times$  287 mm.
- Universal casing: RACK 19" or wall mount.
- Weight: circa 5 kg.

## Practical application of Platan Gateway

### 1. Connecting analogue phones and faxes to the virtual PBX.



### 2. Connecting analogue phones and faxes to the pure IP PBX.



### 3. Connecting analogue PBX to the VoIP provider.

