Platan Gateway

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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 and 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
- 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.
- HTTP/HTTPS provisioning.

- **Audio parameters**
  Audio codecs: G.711 aLaw, G.711 µLaw,
- G.726, G.729A, GSM.
  Echo cancellation.

Outputs
- Ethernet ports: 1 × RJ45 (10 / 100 Mbps).

- FXS telephone ports: 8 × RJ45 (GW-8 model), 16 × RJ45 (GW-16 model), 24 × RJ45 (GW-24 model).
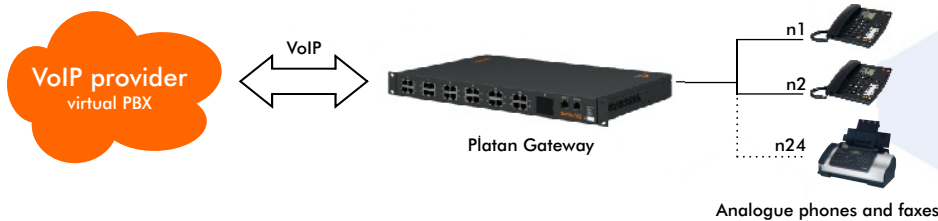
Power supply
- ~230 V +/- 10%; 50 Hz, max 50 VA.
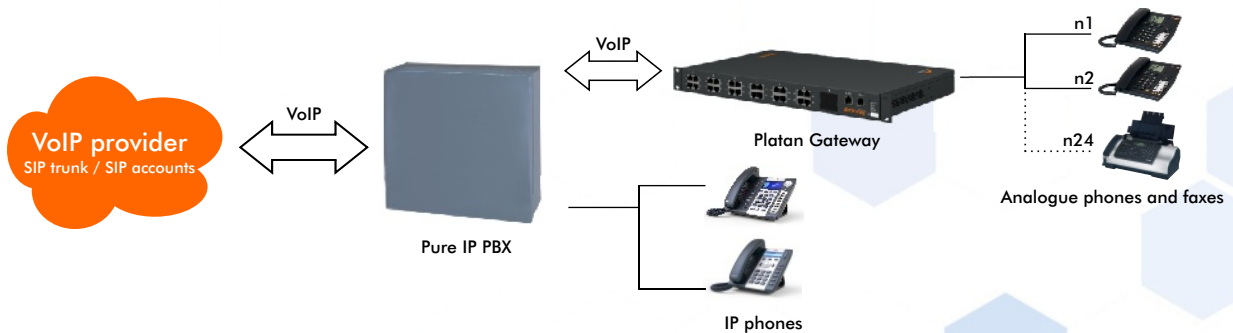- Backup power supply: UPS.

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

Practical application of Platan Gateway

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

VoIP provider — virtual PBX

VoIP

Platan Gateway

n1 / n2 / n24

Analogue phones and faxes

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

VoIP provider — SIP trunk / SIP accounts

VoIP

VoIP

Pure IP PBX

Platan Gateway

n1 / n2 / n24

Analogue phones and faxes

IP phones

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

VoIP provider — SIP accounts

VoIP

Platan Gateway

PSTN

Analogue PBX

n1 / n2 / n24

Analogue phones and faxes

Platan is a leading Polish producer of IP PBX Telephone Systems and PBX Servers. Thanks to our comprehensive offer, we are capable of satisfying the most sophisticated requirements of a wide range of customers, from small and medium companies to large enterprises, public offices and institutions, as well as rescue and uniformed services.

We have been ranking among the most innovative players on the Polish electronic market since 1985, offering telecommunication and radio communication solutions. As many as over one million users are already using Platan products.

Systems developed by Platan are fully based on our own technical know-how. Thanks to our own design offices and highly qualified specialists in telecommunication, IT and electronics, Platan provides solutions employing the latest global trends and technologies. All our products are tailored to market needs and expectations.

Platan is also a producer of digitex Integrated Notification Systems, used by rescue services for warning and alerting.

We have been awarded ISO 9001:2008 Quality Management System Certificate for design, manufacture, sale and service of telecommunication equipment, which provides the evidence of our compliance with quality standards.

Platan Sp. z o.o. sp.k.
ul. Platanowa 2
81-855 Sopot, Poland
tel. +48 58 555 88 00

export@platan.pl
www.platan.eu