

MITEL NETWORKS

# 3100 | Integrated Communications Platform

## An Office-in-a-box Communication Solution

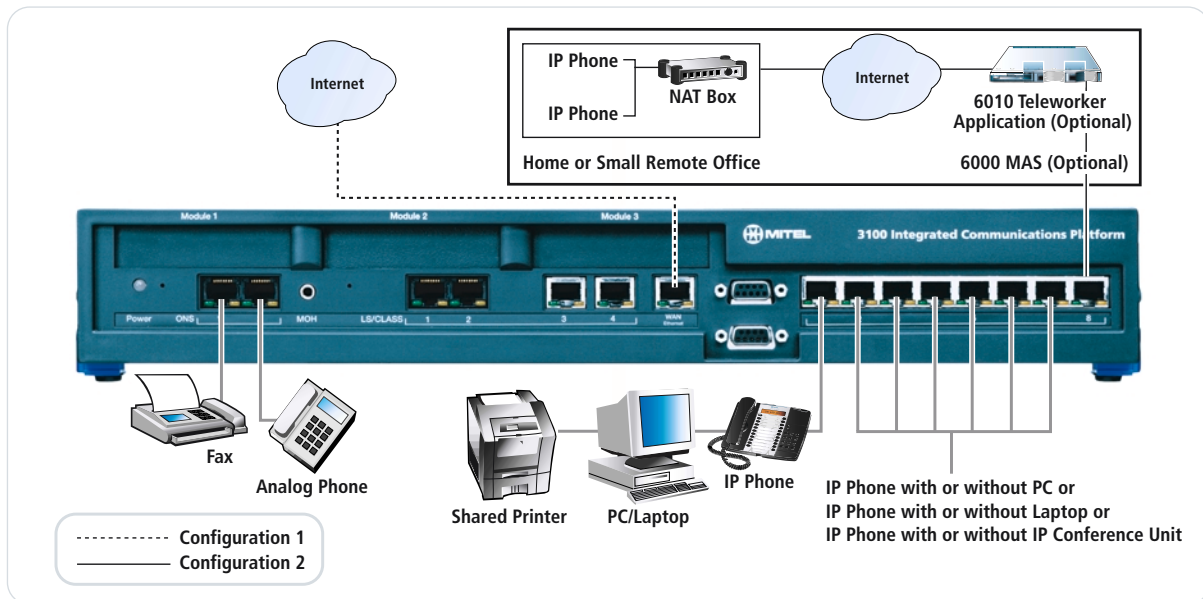


The 3100 ICP provides an advanced telephone system, voice mail, auto attendant, a computer network and a high-speed Internet connection, all integrated into one cost-effective solution that is easy to use, install and maintain.

The solution supports up to 55 IP phones and 10 analog phones or devices. It supports T1/D4 (full or fractional), E1/PRI (full or fractional) or a maximum of 12 LS/CLASS lines. A combination of T1 and LS or PRI and LS is allowed up to a maximum of 30 channels.

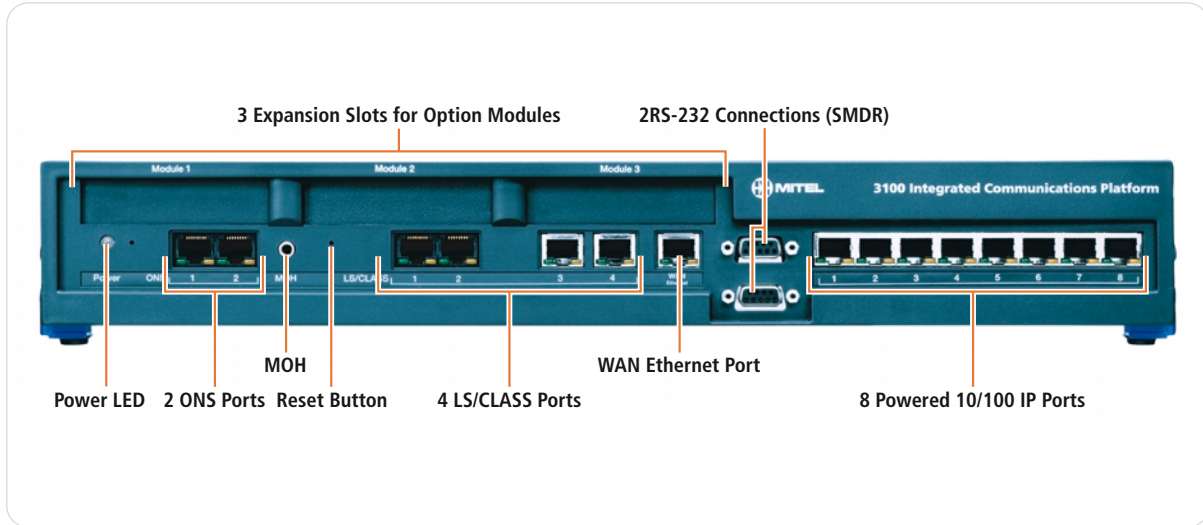
The 3100 ICP consists of a base Controller unit, various option modules that can be inserted into the Controller; and a number of Expansion units, which allow for more IP phones or devices to be added to the platform.

### Sample configuration 3100 ICP



it's about **YOU**

## 3100 ICP Controller



## Components and features

### Controller.

- 2 analog ONS POTS ports
- 4 analog LS/CLASS ports
- 8-port 10/100 Mbs Ethernet (Layer 2) powered switch (IP phone powering). This switch supports auto-sensing, auto-negotiation, and half and full duplex mode (depending on phone used). The QoS/priority mechanism is TOS field/Diff.Serv.
- Dynamic Host Configuration Protocol (DHCP) server that supports up to 200 IP addresses
- IP Edge router-IP routing/WAN router, Domain Naming System (DNS) and Network Address Translation (NAT)
- 1 WAN Ethernet port for connections to WAN services such as cable or Digital Subscriber Line (DSL). Remote WAN locations are supported through Ethernet WAN interface or dial-up Point-to-point Protocol (PPP) connections
- 2 V.90 modems
- 2 RS232/DB9 Serial ports for call logging record output (Station Message Detail Recording) and diagnostic information
- A compact flash module – 128MB
- A standard 4.0 Gigabyte EIDE hard disk drive
- Music On Hold (MOH) internal or external
- Auto Attendant
- Voice Mail (4 voice mail ports, 250 mailboxes, 150 hours of recording time). Additional voice mail ports can be added, up to a maximum of 8
- Router and Switch software

### Option modules

- 2-port or 4-port ONS POTS modules (maximum 2 per system)
- 4-port LS/CLASS modules (maximum 2 per system)
- T1/E1 Plus module (maximum 1 per system)
- 4-port analog services module (maximum 1 per system). This module allows for hook up of door opening system, overhead loudspeaker system or off-site premise phone. It can also be used to create an additional power-fail transfer line

### Expansion units

- 8-port, 16-port and 24-port versions available
- Maximum 2 Expansion units per system (any combination is possible)

### Phones supported

- Analog phones
- 5201 IP Phone
- 5205 IP Phone
- 5215 IP Phone
- 5220 IP Phone
- 5240 IP Appliance (webset)
- 5822 Softphone

### Applications supported

- 5820 Dial from PIM (Personal Information Manager) (included)
- PDA integration (included)
- 6010 Teleworker solution (optional) for remote offices and home workers
- 6000 Managed Application Server (MAS) (optional) for additional network server options

### Other peripherals supported

- 5303 Analog conference phone
- 5310 (Restyled) IP Conference unit
- 5412 and 5448 Programmable Key Modules (PKM)
- 5424 IrDA module
- Fax machines
- POS (point of sales) analog devices such as cash registers and credit card machines

### Technical specifications

<b>Controller and Expansion height</b>	Controller - 2.6 in (66 mm) without feet 2.9 in (75 mm) with feet  Expansion - 1.73 in (44 mm) without feet 2.1 in (53 mm) with feet
<b>Controller and Expansion width</b>	17.3 in (440 mm) without feet 17.7 in (449 mm) with feet
<b>Controller and Expansion depth</b>	14.3 in (363 mm)
<b>Controller and Expansion weight</b>	Controller - 12.4 lb (5.6 kg) Expansion - 8.8 lb (4.0 kg)
<b>External casing</b>	Can be stacked, wall-mounted, or rack-mounted in a 19 in (228mm) rack
<b>Power supply</b>	Standard male IEC AC input and power connector included in each unit (Controller and Expansion)
<b>Supply voltage</b>	90 Vac to 132 Vac and 180 Vac to 264 Vac
<b>Maximum load</b>	75W continuous, 85W peak
<b>Working Temperature</b>	+32°F to +104°F (0°C to +40°C)

## Technical specifications

<b>Storage Temperature</b>	-4°F to +122°F (-20°C to +50°C)
<b>Transport Temperature</b>	-40°F to +158°F (-40°C to +70°C)
<b>Working Humidity</b>	10% to 85% RH
<b>Storage Humidity</b>	10% to 90% RH
<b>Transport Humidity</b>	5% to 95% RH
<b>Air Pressure</b>	70 - 106 kpa (700 to 1060 mb)
<b>LEDs</b>	Located on the front of the units for visual indication of circuit status
<b>Ports</b>	10/100 Mbps Ethernet All ports except for the R232/DB9 ports are RJ45 jacks

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