

With our CPE Program, you can be sure of seamless integration and plug-n-play access to the Intelliverse service environment, whether for individual use, an SMB, or an enterprise.

TALKING PLANET DEVICES

The Intelliverse Talking Planet Suite takes advantage of VoIP technology to provide all the familiarity and calling features of local telephone service plus the ground-breaking innovation of next-generation communications services.

The Solution includes a complete suite of devices or Customer Premises Equipment (CPE) which include both hardware (ATAs and IP Phones) and SoftPhone components, each having been rigorously tested.

We have developed strategic relationships with several organizations who are global leaders in manufacturing low-cost hardware. These companies not only provide the hardware component of the Intelliverse suite of services, but they also help you – our Wholesale partners – market the hardware, offering assistance with brand positioning, messaging, and the development of your marketing collateral. What’s more, any device can be private-labeled – acting not only as an extension of your brand, but also reassuring your customers of your strength in the VoIP services arena.

To ensure your expectations regarding device integration and interoperability are fully satisfied, we have developed a hardware testing and certification program. Intelliverse also has the flexibility to conduct the requisite interoperability testing with additional hardware vendors as required.

ANALOG TELEPHONE ADAPTERS (ATAs)

Our specialized ATA devices turn existing analog telephones into IP-enabled communication end points.

2 port ATA © Designed for Residential or SoHo environments, the 2 port ATA provides easy set up at an affordable price while retaining toll quality and deploying an effective QoS scheme. The device supports up to 2 analog telephones and 1 PC.



2 Port ATA

4 / 8 port ATAs © To serve the strict demands of Small and Medium-sized Businesses, the 4 and 8 port devices provide voice and fax connectivity for remote or branch locations. Each device has 1 Ethernet port for WAN connectivity, 4 or 8 FXS telephony ports for analog phones or fax machines, and 1 extra Ethernet port for configuration support.



4 Port ATA



8 Port ATA

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TALKING PLANET ATA PRODUCT LINE - Specifications

Interface ports

- One RJ-45 for WAN Ethernet port
- 2 RJ-11 for an analog phone set (2 port)
- 4 RJ-11 for 4 analog phone sets (4 port)
- 8 RJ-11 for 8 analog phone sets (8 port)

Call Control Protocols

- SIP v2 (3261, 3262, 3263, 3264)

Voice Gateway

- DTMF: In-band; Out-of-band
- Flexible Dial Plan
- Flash Hook Timer
- Polarity Control
- Caller ID (Name and Number): Bellcore, ETSI, DTMF.
- IVR

Security

- Password protected Admin and User Access
- Provisioning, Configuration via HTTPS

Codec

- G.711 a/u, G.723.1, G.726, G.729 a/b

Fax

- T.30

Voice Processing

- VAD (Voice Activity Detection)
- CNG (Comfort Noise Generation)
- Echo Cancellation
- User Programmable Gain Control
- Frame Loss Concealment
- Full Duplex Audio

FXS Control Features

- Ring Frequency Setting
- Ring Validation Time Setting
- Ring Voltage Setting
- Ring Waveform Selection
- Terminating Impedance Configurable

Data Networking

- IEEE 802.3 MAC Address
- IPv4
- ARP
- DNS
- ICMP
- TCP
- UDP
- RTP
- RTCP
- PPPoE
- DHCP Client / Server
- DiffServ
- SNTP

Provisioning / Administration

- Automated provisioning and update via HTTP
- Report Generation and Event Logging
- Syslog and Debug records

Digital Signal Processors and Control Processors

2 port

- System On Chip (SOC)
- MIPS-X5 unified RISC and DSP core (up to 180 DSP MIPS)
- 384K bytes on-chip RAM, 16-way interleaved with single cycle access
- 16-K byte cache
- Low power, 1.8V core voltage, 3.3V I/O voltage
- 2M bytes flash memory



4 port

- System On Chip (SOC)
- MIPS-X5 unified RISC and DSP core (up to 180 DSP MIPS)
- 384K bytes on-chip RAM, 16-way interleaved with single cycle access
- 16-K byte cache
- Low power, 1.8V core voltage, 3.3V I/O voltage
- 2M bytes flash memory



8 port

- 3 System On Chips (SOC)
- MIPS-X5 unified RISC and DSP core (up to 180 DSP MIPS)
- 384K bytes on-chip RAM on main SOC, 192K bytes on-chip RAM on secondary SOCs.
- 16-K byte cache
- Low power, 1.8V core voltage, 3.3V I/O voltage
- 4M bytes flash memory with main board
- 2M bytes flash memory with per line card



Mechanical, Environment & Power

- Operating temperature: 32 to 122 F (0C to 50C)
- Operating humidity: 10% to 95% (non-condensing)
- Storage temperature: 14 to 140 F (-10 to 60C)
- AC-to-DC power supply (12VDC, 100-240 VAC, auto-ranging, 50-60 Hz.)

