

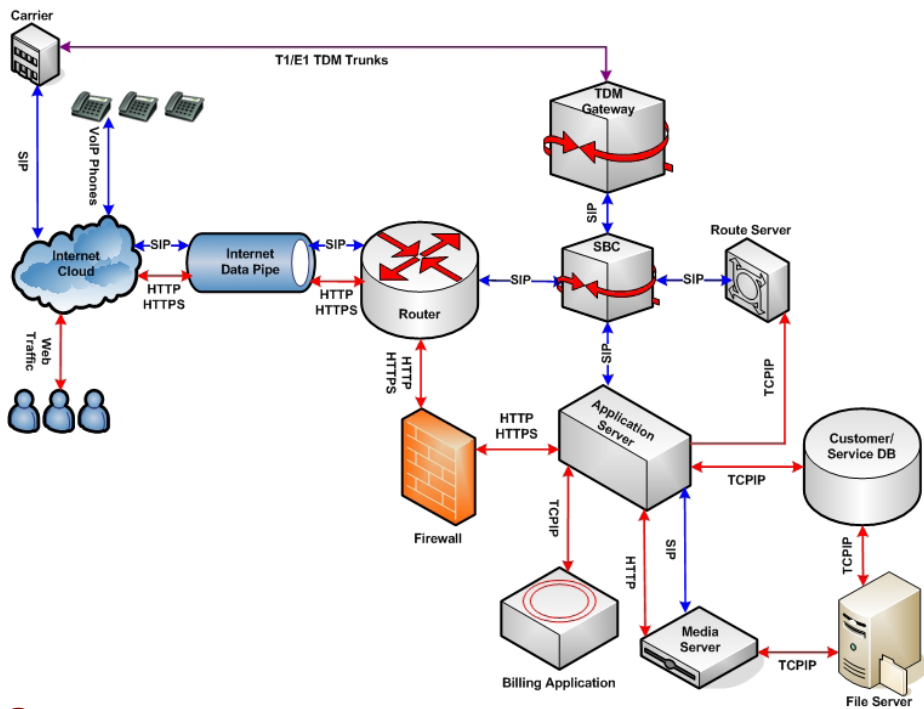


iCSP - Intelliverse Cloud Services Partner

Platform Specifications

Overview

The Intelliverse service delivery platform is a single consolidated platform from which the iCSP can provide Voice over IP, Unified Communications, Interactive Voice Response, and Automatic Call Distribution services. The platform has been built using the Service-Oriented Architecture (SOA) style of architecture to maximize efficiency and re-usability among the multiple service offerings. Intelliverse develops and supports all of its own application logic which is deployed on best-in-class technology components including Acme Session Border Controllers, Dialogic Media Servers, BEA SIP Application Servers, and Oracle Databases.



Applications

- **INTELLIVERSE'S HOSTED VOIP** service keeps business locations connected without the need of an expensive PBX system. Intelliverse Hosted VoIP offers features such as auto attendant, hunt group, extension dialing and extension-to-extension call transferring.
- **UNIFIED COMMUNICATIONS** combines the features and benefits of voicemail, one number, and voice/fax to email services. Whether using a smartphone or computer, staying connected from anywhere is as easy as 1-2-3.
- **INTELLIVERSE'S HOSTED INTERACTIVE VOICE RESPONSE (IVR)** solution offers multiple ways to automate inbound and outbound contact with your customers. Plus, extensive analytics and reporting packages give you more insight about your business.
- **INTELLIVERSE'S AUTOMATED CALL DISTRIBUTION (ACD)** allows intelligent routing of calls based on rules, agent skill sets & priority. An easy to use web-based interface allows quick set up, fast deployment and various routing options that can be tailored for any business size or need.

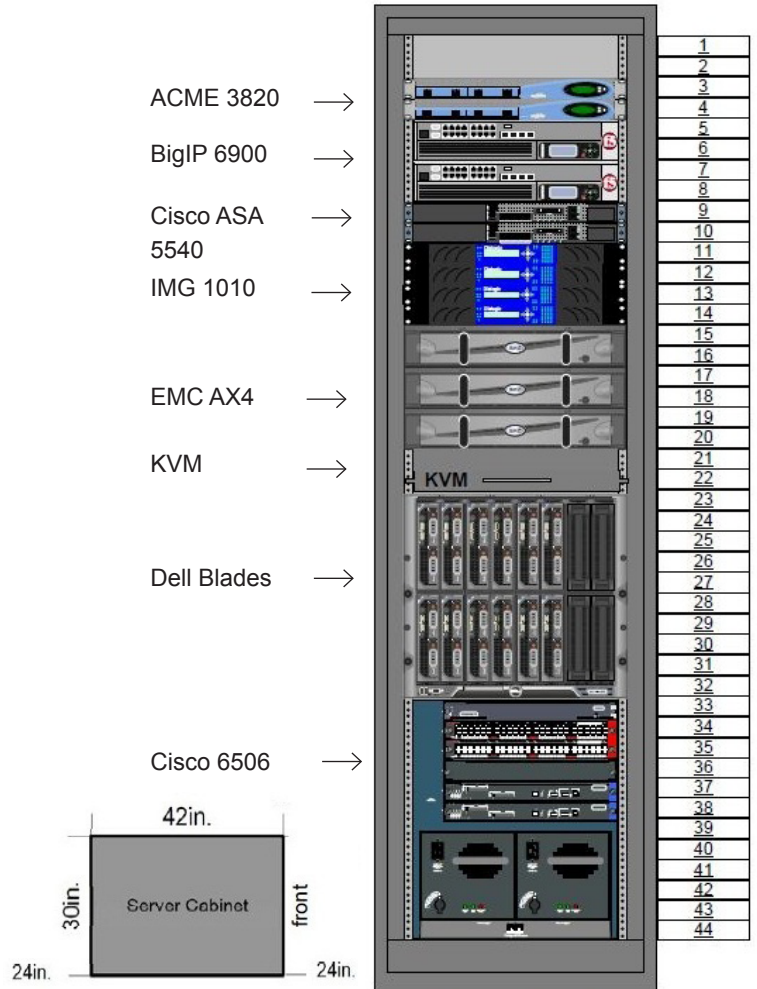
System Specifications

SYSTEM HARDWARE

- Session Border Controller (SBC) – Acme 3820 HA
- Load Balancer – BigIP 6900 x 2
- Firewall – Cisco ASA 5540 x 2
- TDM Gateway – IMG 1010 x 4
- Storage System – EMC AX4-5i iSCSI
 - » Processor x 1
 - » Expansion x 2
- KVM – 15 in. LCD
- Servers – Dell Blade System
 - » w/12 M610 server blades
- Router and Switch – Cisco 6506 + modules
- 44u Cabinet Dimension:
 - » 84h x 30w x 42d

SYSTEM SOFTWARE

- Redhat Enterprise Linux
- Jboss Application Server
- Java web and voice applications
- Oracle database and SIP Proxy
- Virtualization - VMWare vsphere management server and clients
- Open Methods - VXML



44u Cabinet Dimension:
84h x 30w x 42d

Platform Configurations

	500 Port System	1,500 Port System	3,000 Port System
Estimated # of end users	Up to 7,500 users*	Up to 25,000 users*	Up to 50,000 users*
High availability/failover	No	Yes	Yes

* dependant on application mix

Environmental & Connectivity Requirements

COOLING REQUIREMENTS

- Acme – 340 btu/hr x 2
- Ax4 processor – 1500 btu/hr x1
- Ax4 expansion – 1200 btu/hr x 2
- Dell M1000e w/12 M610 server blades 6 PS – 11800 btu/hr x 1 (1205 – btu/hr per PS, 350 – btu/hr per blade + switch blades)
- 15 LCD panel – 85 btu/hr x 1
- Cisco 6506 + various modules – 27600 btu/hr x 1 (assumes dual 2.5kw PS)
- BigIP 1365 – btu/hr x 2
- Cisco asa5540 – 650 btu/hr x 2
- IMG1010 307 – btu/hr x 4
- Maximum Heat Dissipation – 48,123 btu/hr
- Recommended AC Capacity - 10 ton

POWER REQUIREMENTS - US

- Vertical zero-u pdu with 3 C19 sockets x 2
- 2 x 208v 3 phase @ 30 amps
- Vertical zero-u pdu with 20 C13 sockets x 2
- 2 x 280v single phase @ 30 amps

Note: except for Dell Blade System, all system inputs are 50/60 hz 100-230v. Dell is 200-240Vac 50-60 hz.