



### Highlights

- >> Field-Proven, Comprehensive Platforms for Communication Applications
- >> Based on the Most Widely used Embedded Hardware Standard, PICMG® 2.16
- >> Supports up to 16,128 G.11 Ports in a Single Chassis
- >> Scalable Port Densities and Interface types to meet any application need
- >> Supported by a Complete, Carrier Grade Linux® Operating System and Development Environment
- >> Powerful and Simple to Use APIs for Rapid Development
- >> Advanced System Management for Remote Monitoring and Maintenance of Networked Applications
- >> All Components and Software Designed and Supported by one Vendor

### Overview

As more service providers shift their networks to IP, the need to leverage existing infrastructure is going to continue to drive growth in the VoIP and network gateway markets. Voice Media Platforms (VMP) from Performance Technologies give system providers the tools they need to meet this demand.

The Voice Media Platform is available in a 4U, 7U, or 12U NEBS-compliant form factor that enables telecom system providers to rapidly design and deploy scalable, best-in-class solutions consisting of pre-integrated media blades, T1/T3 network access cards, processor engines, redundant Ethernet switching/routing, network attached storage and system management, as well as N+1 redundant power and cooling.

These platforms are designed from the ground up to act as cost-effective bridges between TDM legacy communication systems and VoIP networks or as the ideal foundation for implementing new interactive and multimedia applications. Available with a broad range of capabilities and capacities, the 12U VMP can support up to 16,128 ports of G.711 in a single unit.

### Leading Technology

The VMP family provides telecommunication design engineers and system integrators with a single hardware solution combining voice and media processing technology that can be easily used to create communication servers, unified messaging systems, IVR systems, IMS media gateways, next generation multimedia systems and as well as provide interworking functions or enhance existing communication service applications. All members of the VMP series adhere to PICMG® 2.16 specifications for Ethernet-based packet switching backplane and provide IPMI support for remote chassis OA&M management via CLI and SNMP.

Performance Technologies' voice media platforms are built around the Media Blade MB6624 which combines world-class media and voice processing capability and network access components into an integrated, open systems solution. It provides a robust feature set of functions for voice coding, echo cancellation, conferencing and fax relay. The MB6624 can support up to 896 ports of VoIP on a single blade while providing wireless internetworking functions, including T.38 fax.



# Voice Media Platform

## Product Overview

### Ordering Information

- >> **PT-VMP5376-12331**
  - 4U Platform (AMP 5091)
  - Six Media Blades w/144 T1/E1/J1 Line Interfaces (MB6224)
  - One Processing Element (CPC5505)
  - One Ethernet Layer2/3 Switch with Dual 10/100/1000 Uplinks (CPC4416)
  - One Intelligent Shelf Manager (CPC7301)
  - Three 250W, -48 Volt DC Power Supplies (CPC6313)
  
- >> **PT-VMP7168-12332**
  - 7U Chassis (AMP 5095)
  - Seven Media Blades w/168 T1/E1/J1 Line Interfaces (MB6224)
  - One Processing Element (CPC5505)
  - Dual, Redundant Ethernet Layer2/3 Switches with Four 10/100/1000 Uplinks (CPC4416)
  - Dual, Redundant Intelligent Shelf Managers (CPC7301)
  - Four 325W, -48 Volt DC, IPMI Enabled Power Supplies (CPC6314)
  
- >> **PT-VMP1215-12333**
  - 12U Chassis (AMP 5085)
  - Fourteen Media Blades w/336 T1/E1/J1 Line Interfaces (MB6224)
  - Dual, Multicore Processing Elements (CPC5564)
  - Single, Network Attached, 2TB RAID Storage Subsystem (CPC5900)
  - Dual, Redundant Ethernet Layer2/3 Switches with Four 10Gb Uplinks (CPC6620)
  - Dual, Redundant Intelligent Shelf Managers (CPC7301)
  - Eight 325W, -48 Volt DC, IPMI Enabled Power Supplies (CPC6314)

### Options

- >> This platform family is available with a very broad array of compute, interface and storage options. To discuss specific requirements or pricing, please contact sales@pt.com



**Corporate Headquarters:**  
Performance Technologies  
205 Indigo Creek Drive  
Rochester, NY 14626

Tel: 585.256.0200  
Fax: 585.256.0791  
E-mail: sales@pt.com

[www.pt.com](http://www.pt.com)

VMP systems feature a Carrier Grade Linux<sup>®</sup> (CGL) operating system and development environment (NexusWare<sup>®</sup>) that allows developers to spend their efforts where it counts, developing applications, rather than integrating the hardware elements of their system. Based on components and technology that have been deployed and field proven worldwide, this directly translates to more revenue, faster.

Beyond being CGL Registered and POSIX-compliant, the NexusWare software suite includes an extensive list of installable protocols such as MTP2, SIP, HDLC, and ISDN that can be leveraged to quickly build a wide range of solutions such as media gateways, lawful intercept platforms, SS7 monitoring equipment for usage/billing applications, and converged network services.

While there are many hardware options available for designers today, PICMG<sup>®</sup> 2.16, initiated by Performance Technologies, offers just the right mix of cost, capability, footprint, and power consumption for hosting your application. Supported by the broadest array of equipment suppliers and products in the embedded computing industry, PICMG<sup>®</sup> 2.16 provides a complete and powerful hardware foundation for today's and tomorrow's solutions.

### Power of Experience

Performance Technologies has over 25 years experience as a business partner to OEMs, operating companies, and integrators in the communications space. Our industry experience and engineering expertise have been honed in a wide variety of environments, giving us unique insights into the challenges you face in succeeding in today's markets.