

PACKETV

Modular End-to-End Solution



Dynamic and Secure Multi-Screen Video Delivery Solution

PacketV® is Visionary Solutions' modular end-to-end IP video management solution that enables secure scheduled and on-demand delivery of live and recorded video to any screen across a wide range of networks.

What does PacketV® do?

- ▶ Provides a single, end-to-end IPTV solution
- ▶ Makes the delivery of high-quality HD/SD video content to multiple devices simple and cost-effective
- ▶ Features an open-standard design, compatible with third-party equipment for quick and easy deployment
- ▶ Modular architecture allows users to upgrade as their budget permits and needs change

Who is PacketV® for?

- ▶ PacketV®'s price point, flexibility, and ease of use and installation makes it easy to deploy in any IT environment.
- ▶ PacketV® delivers high-quality HD/SD MPEG-2/H.264 video content to TVs, set-top boxes (STBs), PCs, tablets, smartphones, and other IP-connected devices.
- ▶ PacketV® supports a variety of applications, including corporate communications, video monitoring, training and distance learning, and legacy cable system replacement with TV over IP.
- ▶ PacketV® allows any organization to deliver real-time and recorded video over LAN, WAN, WiFi, cellular, and the public Internet.
- ▶ PacketV® is the ideal IP video management system for the following markets:

- Corporate
- Education
- Enterprise
- Entertainment
- Government
- Healthcare
- Hospitality
- House of Worship
- Information Technology

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PacketV® Features and Benefits

- ▶ **Ease of Use** - Multi-screen, browser-based, no install player has an intelligently designed user interface which makes the selection and playback of live and on-demand content simple.
- ▶ **Centralized Management** - Through an intuitive, Web-based user interface, administrators can dynamically create and centrally manage video assets for distribution across any type of network. Provisioning and monitoring all IPTV services in local and remote locations is achieved from this single administrator interface.
- ▶ **Efficient to Implement** - The straightforward system architecture allows for rapid deployment in virtually any environment. Built-in Windows Active Directory integration makes the implementation of PacketV® into your I.T. infrastructure fast and seamless.
- ▶ **Modular Flexibility** - The modularity of the system provides the flexibility to start small and grow. Adding robust capabilities such as video on demand, network video record, and set-top box management is trouble-free and cost-effective.
- ▶ **Open Standard** - Open-standard design ensures compatibility with a variety of third-party equipment, including Visionary Solutions' encoders and decoders. Format-agnostic IPTV delivery platform handles locally produced, off-air, and on-demand video content for playback on PC's, TV's and Mobile devices.
- ▶ **Secure** - Video assets are fully protected via AES 256/128-bit encryption, and access can be controlled right down to the individual user and group level through seamless integration with Microsoft Active Directory.
- ▶ **Powerful** - With powerful features to enhance the viewing experience, such as a de-interlacing engine for smooth viewing of high motion content, closed captioning, electronic program guide, text overlay, PacketV® packs professional grade decoding capabilities in thin client architecture with ultra low latency support.



PacketV® Portal

The End-to-End PacketV® Ecosystem Includes:

The PacketV® Core System

- ▶ **PacketV® Portal** - a powerful web-based administration interface with a familiar look and feel. Provides administrators with total control over the PacketV® system, including user and group permissions and dynamic video asset creation, management, protection, and distribution.
- ▶ **PacketV® Player** - a browser-based, no-install client that provides CPU-efficient, high-quality playback of live, scheduled, and on-demand streams up to full HD 1920x1080p60.
- ▶ **PacketV® Player Mobile** - an integrated mobile player for iPhones, iPads, Android tablets, and smartphones, providing user authentication and full channel guide synchronization.

The PacketV® System Modules

- ▶ **PacketV® Video on Demand (VOD) Module** - provides on demand playback of archived/indexed video files and includes library management and search capability.
- ▶ **PacketV® Network Video Record (NVR) Module** - supports scheduled recording and continuous archiving for monitoring and time-shift applications.
- ▶ **PacketV® Set-Top Box (STB) Module** - offers commercial IP set-top box integration into the PacketV® ecosystem so the entire PacketV® channel lineup can be viewed on HD or SD TV monitors, secured by AES 256/128-bit encryption and access control.
- ▶ **PacketV® Electronic Program Guide (EPG) Module** - creates an intuitive guide for scheduled programs based on data sourced from the broadcaster. The guide is displayed via an easy-to-read user interface and programs can be effortlessly recorded directly from the electronic programming guide.

