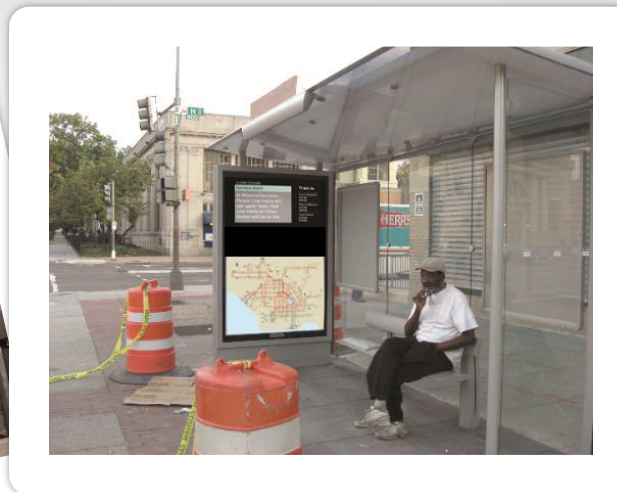


TransitVUE®

Real-Time Transportation Passenger Information System (TPIS) with Integrated Public Address



General Description

- TransitVUE® TPIS is a full-motion, real-time digital passenger information display system.
- TransitVUE® TPIS is fully integrated and composed of common Visual and Audio (PA) hardware and software to provide automated control of critical messaging for light rail, subway, commuter train, bus, airport, port and other transportation signage applications.
- The system utilizes an open architecture and can be managed from any local or remote location via the internet or premise network.
- TransitVUE® Professional is not a third party software and can easily be integrated with existing security and notification subsystems.
- TransitVUE® Professional allows remote access via a smart phone or tablet for notification and system maintenance purposes.

These messages can include, but they are not limited to:

- Real-time or scheduled arrival and departure times
- Information on current routes and final destinations
- Information on service interruptions or delays
- Public Service Announcements
- General safety and warning messages in both visual and audio formats
- Emergency evacuation procedures
- Amber Alerts
- 3rd party advertising
- Other custom pre-recorded messages as determined by the customer

System Connectivity

- Messages are scheduled and launched from the TransitVUE® Professional GUI to single and multiple displays showing the same or different content.
- Each TransitVUE® Professional media player and SCU will store audio and visual messages locally in non-volatile memory and support interconnection of multiple single or full color VMS LED displays, LCD displays and many other multiple message boards.
- TransitVUE® Professional is consistent with ADA standards.
- Signage can be connected to a specific media player at each location via wireless, cellular or hard wired network.

TransitVUE® Professional Software

- Video and audio messages can be presented in various combinations of ADA character text, Spanish and English audio, professionally produced graphics, high definition video, and overlaying of multiple messages on a single template.
- Messages can be displayed in turn, according to the order of priority as determined by the customer.
- The TransitVUE® Professional can be remotely configured and viewed by the system operator or any individual with the proper credentials.

Features...

- Synchronize and automatic announcement information in both audio and visual formats.
- Files stored in a specified portfolio can be organized in a sequence or rotation show. The shows or individual files can then be set in a default playlist or scheduled using a calendar or detection interface. Individual files can also be overlaid and shown on the same display.
- Automatic daily self-diagnostic of hardware operation and fault or malfunction alarm notification to a single or multiple individuals.
- The activity report will allow authorized personnel to review all activity as well as system performance of each media player.

Continued...

- TransitVUE® Professionals graphical user interface allows a simple step-by-step process for scheduling and displaying messages
- When used for advertising, the playback report will record the location and time messages were played for proof of verification along with the overall number of announcements – that were run.
- Allows for multiple registered users. An approval center will grant a level of permissions for each registered user.
- TransitVUE® Professional also allows the creation of user accounts for advertising agencies that may want to display ads/commercials during designated times.
- Segment network into groups for easier station scheduling.

Integrated Public Address

- TransitVUE® Professional Software provides integrated visual and PA templates for combining synchronized audio and visual messaging.
- From our templates, users have the ability to choose all or selected locations for which to broadcast messages.
- Users can build a list of pre-recorded audio, visual or combined Ad-Hoc messages through text to speech.
- Available in both English and Spanish languages.



3rd Party GPS or CAD/AVL Integration

- With the integration of a GPS or existing CAD/AVL system, TransitVUE® Professional can extract and display real-time transit information throughout various mediums, including VMS LED displays and LCD monitors.
- This module allows passengers to view and plan trips based on real-time vehicle location data.
- TPIS can transmit real-time data to websites and mobile phones (via XML, MMS, SMS respectively) to allow for transit passengers to sign up for notifications and plan their trip based on their favorite routes.

ADMS Series Media Players & PA SCU

TV-X4-1800 Stand Alone and TV-X4-GPIO Rack Mount Media Players with Built-in I/O Interface Card, and TV-X2SCU & TV-X4SCU PA Station Control Units



Continued...

- The TransitVUE® ADMS Series media players and 2/4 zone SCU's feature extensive connectivity for interconnection to hardwired LAN/WAN, cellular, and wireless networks.
- The TransitVUE® ADMS Series media players and SCU's are designed to be very robust. If connection to the internet or premise management server is lost, the player continues to run the existing playlist. If a malfunction occurs during data transfer, the system can remember where the error occurred and retry to download the file, playback will resume from the breakpoint.
- The combination of dedicated software and carefully selected hardware components make the TransitVUE® ADMS Series media players and SCU's compact and highly reliable in a 24/7/365 network.

Continued...

- The TransitVUE® ADSM Series media players support video and still image formats in MPEG, AVI, WMV, JPEG, GIF, TIFF and BMP. MP3 and WAV audio files are supported through the PA SCU.
- Internal data acquisition is also supported.
- The TransitVUE® ADSM Series media players and SCU's have a Unicode support for displaying visual and audio messages in both English and Spanish.
- Visual and audio messages are processed through the TransitVUE® Professional software templates.

TransitVUE® ADMS Series

Media Player Features Include:

- Multiple outputs; VGA, DVI, HDMI, USB, Audio, & I/O Data.
- Auto-start of embedded software and latest playlist.
- Closed-box principle to prevent unauthorized access.
- High network security level by a dedicated firewall, closed-box principle and proprietary protocol with encryption.
- Plays wide range of open standard video, photos, text & graphics.
- Supports standard and high resolutions.
- MPEG-2 hardware decoding for improved video playback.
- Sturdy design and heavy duty hardware components.

TransitVUE® ADMS Series Public Address SCU Features Include:

- 2 or 4 audio zones.
- Auto-start of embedded software.
- Closed-box principle to prevent unauthorized access.
- High network security level by a dedicated firewall, closed-box principle and proprietary protocol with encryption.
- ADA Compliant audio in Spanish and English.
- Fully integrated with TransitVUE® Professional Software.
- Sturdy design and heavy duty hardware component.

TransitVUE® 3MM Full Color Outdoor Rated HD LED VMS Displays



Advanced Digital Message Signage (ADMS)

- Full color VMS commercial grade outdoor message board with true outdoor rated 3mm SMD LED panels.
- 5000 NIT LED panel brightness.
- 10,000 hour usage per individual LED.
- Utilizing TransitVUE® Professional software, each display can integrate synchronized visual and audio PA vehicle arrival and departure information in real-time and scheduled formats.
- Supports high definition resolution for sharper messages.
- Available in 42" general use, platform edge and bus stop configurations in single and double sided versions.

Additional Features ...

- Intelligent power management for lower consumption.
- Auto dim feature for night time applications.
- Intake and exhaust fan for continuous air flow.
- Heavy duty hardware mounting made to attach to ceilings, walls and poles.
- Anti-theft lock and custom enclosure secures displays against vandalism.
- Double coated tempered glass panel featuring integrated anti-glare and anti-reflection properties.
- Power coated aluminum housing with Anti-Graffiti properties.

Warranty

- All TransitVUE® ADMS LED displays come with a 5-year limited warranty from invoice date against defects in manufacturing.
- All TransitVUE® ADMS media players and SCU's come with a 2-year limited warranty from invoice date against defects in manufacturing.
- All TransitVUE® personnel are factory trained to service any portion of the system.
- Optional extended warranties are available.

Design and Engineering

- We have the capability of managing a complete system for you from start to finish. In the design stage we work closely with you to make sure we address all of your specific needs and concerns so that we can design your system to meet your current and future requirements.
- Our advanced, yet cost effective design will make it possible to have the kind of system you require without “breaking the bank”. We utilize the latest design tools and our RCDD certified engineers are well versed on all the design standards and criteria.



Installation & Maintenance

- We can handle all of the installation process for you by using our certified technicians or simply oversee and certify work done by your personnel or the contractor of your choice.
- We have extensive experience with fiber optic & copper infrastructure cabling, connector termination, fusion splicing, testing, trouble shooting and maintenance. Our personnel adhere to the latest TIA/ANSIA 568-D.3 installation standards and follow strict OSHA safety guidelines.
- Transitvue service personnel are available to provide remote technical support 24/7/365 year.

For more information, please contact:

Transitvue Communication Systems

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