

Market Solution: Transportation Management



REAL-TIME SITUATIONAL AWARENESS

With the continual growth of traffic density, demands on traffic management systems are increasing exponentially with time. Transportation management centers and traffic control rooms must now manage heavy volumes of data and leverage agile communication systems in order to increase road safety, improve traffic flow, and rapidly respond to incidents.

CineMassive's intelligent visualization solutions, including both hardware and software, allow teams to aggregate and manage massive amounts of information on a central collaborative visualization canvas. Live video feeds and content from traffic management applications can be dynamically arranged and analyzed in real time for collaborative situational awareness and agile incident response. CineMassive's fluid platform also enables teams to instantly extend their workflow across the network to involve law enforcement, emergency operations centers, and other external stakeholders.

TRUSTED, RELIABLE, & SECURE

As manufacturer and integrator, CineMassive is uniquely equipped to provide a comprehensive and cohesive visualization solution that is powerful, user-friendly, and fully supported.

CineMassive's CineView III LCD video walls provide the ultimate collaborative operating platform for transportation management. The CineView's expansive visual canvas delivers a crisp, crystal clear image at beyond ultra-HD resolutions. CineMassive also offers CineLuxe LED video walls for a completely seamless solution.

CineMassive's powerful line of Alpha FX video wall controllers are able to accept signals in virtually any format, aggregating disparate streams of information and video from a wide range of sources and displaying it on the video wall. This allows teams to interactively explore and arrange data to comprehend the full dimensions of developing situations in real time.

CineMassive's CineNet software provides TMC operators with complete control over the visualization system. CineNet is designed to provide a robust, yet intuitive user experience with natural, easy-to-learn functionality. Through CineNet, operators interact fluidly with content on the video wall to achieve a multidimensional, yet focused view of transportation systems.

- Dynamic Situational Awareness
- Ultimate Collaborative Canvas
- Reliable, Resilient System
- Intuitive Operator Experience
- Control Room Design
- 24/7/365 Support

LEVERAGE THE CINEMASSIVE SOLUTION TO CREATE THE ULTIMATE TRANSPORTATION MANAGEMENT CENTER

SCHEDULE A LIVE DEMO

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DYNAMIC SITUATIONAL AWARENESS & INCIDENT RESPONSE

To effectively monitor and manage their transportation networks, traffic and transportation management teams must be able to simultaneously view information from a wide range of sources, including live traffic cameras, maps, software applications, and weather pattern visualizations. The Alpha FX video wall controller empowers your team to create the ultimate transportation management dashboard. Content is routed through the controller from virtually any source or workstation on the CineNet network and can be placed anywhere on the video wall. Operators can dynamically arrange this content for full situational awareness and real-time emergency response.

Alpha FX features include:

- Ultra-high-density inputs and outputs
- Accepts signals in virtually any format
- Multi-4K and HD capture and display
- Near-infinite scalability
- Available native IP encoding & decoding

A RELIABLE, RESILIENT SYSTEM

Visualization systems in TMCs must not only be reliable, but also resilient, supporting 24/7/365 operation even if an individual system component becomes compromised. CineMassive's visualization systems provide ultra-high resilience and reliability.

Alpha FX features include:

- 100,000 hour MTBF
- Redundant power supplies
- Hot-swappable fans, power supplies, and hard drives
- Thermal & diagnostic reporting software

THE ULTIMATE COLLABORATIVE CANVAS

Video walls are a critical tool for full situational awareness and agile incident response in TMCs. For a beyond ultra-HD solution, the CineView III LCD video wall provides a sharp, crystal-clear image, ultra-slim profile, and extreme reliability, making it an excellent value.

CineView III LCD features include:

- Beyond ultra-HD resolutions
- 4K at up to 60Hz supported
- Wide viewing angle
- Combined bezel width as thin as 1.7mm

CONTROL ROOM DESIGN & SPACE PLANNING SOLUTIONS

Transportation management teams must devote constant, focused attention to their camera feeds and applications while frequently working lengthy shifts. To maintain operator vigilance and minimize fatigue, teams must implement solutions that provide comfort over long hours. In addition to offering a turnkey video wall solution, CineMassive also offers complete control room design for your transportation management center or traffic control room.

Solutions include:

- Space design and planning
- Desks, seating, and conference tables
- Lighting and acoustic solutions
- Environmental control
- Video wall mount and cladding options
- Health & Safety legislation, ADA requirements, human factors considered
- ISO 11064 compliant

AN INTUITIVE OPERATOR EXPERIENCE

The critical nature of transportation management demands that operators fully understand their visualization system and are able to operate it confidently and efficiently. Although CineNet software has a robust range of capabilities, it is also incredibly easy-to-learn and operate. The interface provides an intuitive user experience, allowing teams to begin leveraging the system immediately with minimal training. CineNet reduces the frustrations of learning a new system, accelerates workflow, and provides complete command over the system.

CineNet features include:

- Intuitive and powerful browser-based interface
- Permissions-based user management
- Drag-and-drop content placement
- Zooming and cropping functions
- Snap-to-grid functions
- Customizable workspace layouts
- Virtually no training to operate

24/7/365 GUARDIANCARE SUPPORT

Traffic and transportation management centers require 24/7 reliability, not only from their hardware and software, but also from their support network. In response to these needs, CineMassive offers the GuardianCare 24/7 Support Program. GuardianCare represents the final facet of CineMassive's turnkey solution. It ensures the continuing support, protection, and development of your video wall system by CineMassive experts, allowing your team to leverage its system to its fullest potential.

Program benefits include:

- 24/7/365 phone support
- Priority onsite support
- Annual on-site examinations
- Annual preventative maintenance
- On-site training
- Discounts on major software upgrades
- Priority access to new applications
- CineNet updates