

ZETRON

MAX CAD

Application Suite



ZETRON

Always ready, always on.

Delivering integrated, end-to-end communications solutions that help save lives and enable critical operations.



Improve Situational Awareness. Cut Response Times. Enhance Operational Effectiveness.



Zetron's next-generation Computer Aided Dispatch (CAD) and GIS solutions help public safety answering points (PSAPs), emergency services dispatchers and first responders by combining real-time incident management with location and subject data that improves overall situational awareness.

Zetron's MAX CAD and MAX GIS are scalable and intuitive solutions that are designed to be easy-to-use, easy-to-administer, and built with public safety dispatchers in mind. MAX CAD includes the control room CAD, an in-vehicle or mobile CAD solution and an advanced GIS map and management suite. MAX CAD uses open-standard interfaces with RMS/JMS packages, NCIC and additional third-party applications.

When combined with the larger Zetron 9-1-1 call handling and critical communications dispatch portfolios MAX CAD provides an integrated single vendor solution for the entire public safety or mission critical control room.

MAX CAD

Zetron's NextGen 9-1-1-ready CAD application is an efficient, affordable dispatch and incident management solution that can adapt as your needs change.

- **Simplified GUI contributes to efficient workflow:** The clean, intuitive design of the graphical user interface (GUI) makes the system easy to learn and use. The MAX CAD screen supports a customized, administrator enabled, PSAP workflow by personalized call queues and a configurable CAD screen that changes both layout and color scheme base on dispatcher preference.
- **Local administrative control:** MAX CAD can be configured by the CAD administrator to meet current and evolving agency requirements. This allows the application to grow and change along with PSAP. It also reduces support costs and allows local configuration without customized CAD development.
- **Advanced reporting tools:** An advanced reporting package allows you to create standard or customized reports and to fulfill routine or ad hoc reporting requests. The CAD database's SQL architecture facilitates rapid search and report generation.
- **Open-standard Records Management System (RMS) and third-party protocol integration:** MAX CAD includes optional interfaces to RMS applications, protocol-integration solutions, and other third-party databases. This allows agencies to integrate third-party medical and disaster Standard Operating Procedures (SOPs) into MAX CAD. It can also integrate with RMS applications through an XML data stream, delimited text files or even a web service.

Features and Benefits

- **Affordable**
MAX CAD and MAX GIS are budget friendly and affordable with a low total cost of ownership. The use of commercial off the shelf (COTS) hardware and a Microsoft ecosystem reduces overall administrative costs. The Microsoft SQL CAD database is owned by the customer while an affordable maintenance program includes a software upgrade path to ensure MAX CAD will continue to remain a state-of-the-art product after purchase.
- **Role based work assignment and incident management**
Zetron's MAX CAD is optimized to allow CAD operator assignments based on roles and responsibilities. With screens that can be optimized to assigned roles, call takers can focus on the responsibility of answering and responding to emergency requests, while dispatchers can focus on the need to manage and respond to incident resources.

- **Scalable to support consolidation, multi-jurisdiction and multi-agency deployments**
MAX CAD integrates into the NG9-1-1 environment and is future proofed to accommodate future consolidation through a scalable architecture with the ability to add more workstations and locations. MAX CAD also supports multi-jurisdiction and multi-agency workflows as the number of communities and agencies served by a PSAP increase.

MAX Mobile CAD

MAX Mobile CAD works with MAX CAD to bring full CAD and mapping functionality into a vehicle or Windows mobile device. It gives first responders access to the same incident-history data and map files dispatchers and call takers are viewing, which improves the effectiveness and accuracy of the emergency response.

Features and Benefits

- **Easy access to incident details**
MAX Mobile CAD offers easy access to critical tools, information, and resources, including detailed maps, GPS locations, National Crime Information Center (NCIC) data, and subject or vehicle information incident resources.
- **Secure mobile solutions**
MAX Mobile CAD utilizes standard encryption to ensure communications are secure.



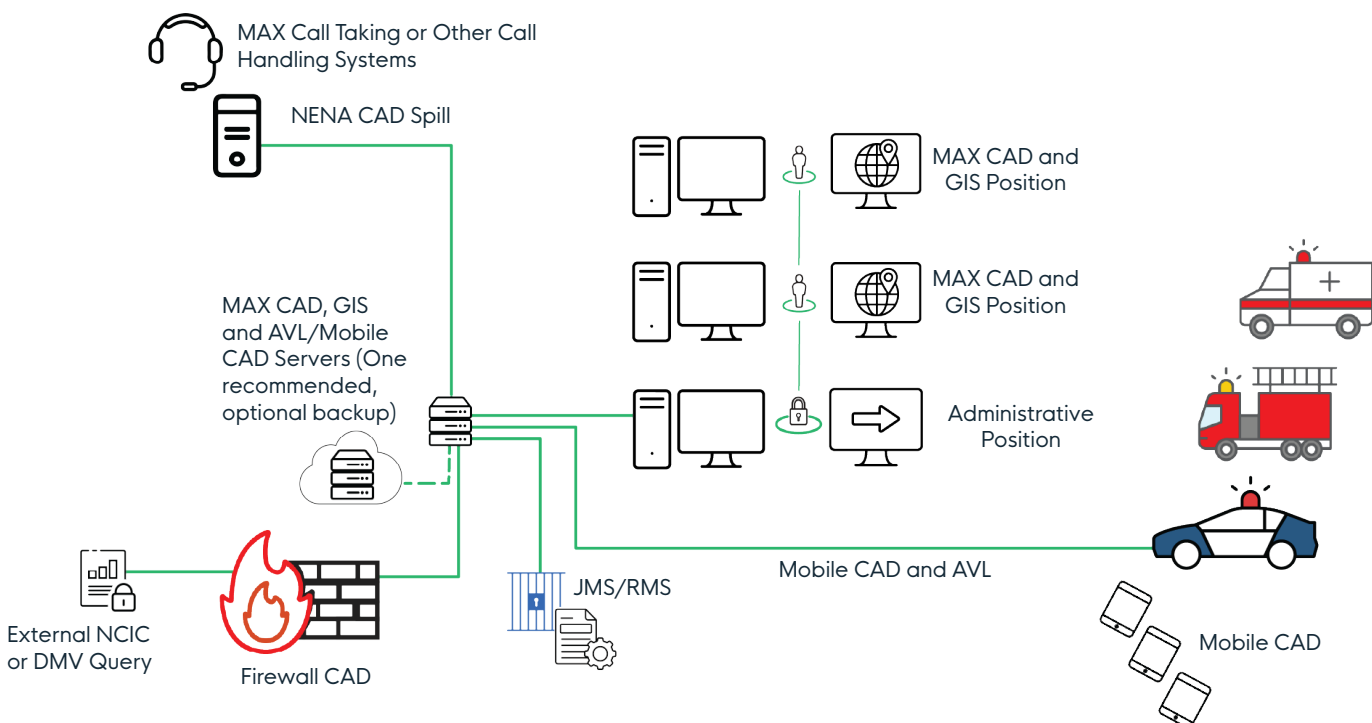
MAX GIS

Zetron's ESRI-based GIS includes a map viewer, optional AVL module, and map-editing and publishing applications that improve GIS file management. MAX GIS can operate as a standalone map viewer that uses ANI/ALI information to display an active incident, or it can be integrated with an active CAD incident and historical database. By integrating the Map Viewer with the CAD database, the active incident is automatically geo-referenced and visualized for faster, actionable intelligence and decision support between dispatch and field teams. The optional AVL module displays vehicle locations on the GIS map viewer and can be integrated through an API to a Zetron MAX Dispatch console to allow map-based vehicle dispatch. Additionally, the AVL module display pulls multiple AVL feeds, even from other vendors, and brings them together on one screen to locate 9-1-1 calls.

Features and Benefits

- CAD and map integration**
MAX GIS is integrated with MAX CAD to allow dispatchers to create incidents and dispatch from the map. The map is integrated with the CAD database to provide location specific information such as prior incidents at the location.
- AVL integration**
The MAX map viewer displays vehicle locations in a dynamically updated map layer.
- Enhanced actionable intelligence**
With the map viewer, dispatchers can quickly and efficiently provide more information to emergency response personnel.
- Unlimited map layers**
Unlike other map viewers, MAX GIS supports unlimited map layers that can offer a richer array of local information, such as emergency escape routes, building schematics, fire hydrant locations, pre-defined helicopter-landing zones, local construction, and landmarks, and AED locations.
- Local, flexible administration and control**
The optional map editor and publishing module allows map files to be created and administered locally to NENA standards. As a result, administrators can add locally relevant information to the GIS and update maps in response to changing local conditions. It also gives administrators the flexibility to make changes at their convenience.

Zetron's MAX CAD / Mobile CAD / GIS Schematic



Why Zetron?



Zetron Services and Support

Zetron offers unparalleled customer service, training and support through Zetron's Connected Care plan. Services include telephone support, software maintenance, hardware replacement and repair, remote and on-site configuration assistance, system re-optimization, and technical and operational training.



Performance You Can Count On

Zetron has a reputation for the reliability and robustness of its products. They are specifically designed to meet the needs of mission critical operations that must stay up and running 24/7. Zetron solutions are also known for their longevity. Not only do they continue to deliver a rock solid performance over time, but they have the flexibility to keep pace with emerging technologies and changing operational requirements.



About Zetron

Zetron is a leading provider of communications technology and services that help save lives and enable critical operations. Zetron solutions are highly interoperable, configurable, and scalable, offering unrivalled choice, flexibility, and value. Our customers are located on all seven continents and across a variety of industries, including public safety, federal government, transportation, utilities, natural resources and more. With an exceptional reputation for high quality and reliability earned over decades of experience serving both public and private sectors, Zetron delivers solutions that are purpose-built to be always ready, always on — anywhere that uninterrupted mission critical communications are non-negotiable. For more information visit www.zetron.com and connect with us on [LinkedIn](#), [Facebook](#), [Instagram](#), [X](#) and [YouTube](#).

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