



New World ShieldForce™

Extending the Power of Mobile and CAD



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New World ShieldForce™ from Tyler Technologies helps improve safety and efficiency for law enforcement officers and command staff with constant access to real-time computer aided dispatch (CAD) functionality and role-based information. In agencies where sworn officers use ShieldForce, dispatch personnel also benefit from this functionality as it provides more time to focus on crucial activities.

ShieldForce is an app that extends access to information and communications beyond mobile data terminals (MDTs) and puts it directly into the hands of users via smartphone, tablet, or watch. With MDT functionality on your person, law enforcement officers, command staff, and dispatchers are always connected.

ShieldForce works just like many apps used for everyday needs, which ensures users spend less time learning how to use the product and more time harnessing critical information in an emergency.



Meeting the Needs of Multiple Roles With Just One App

Patrol officers, command staff, and dispatch personnel work together but have different needs. While the primary needs are to keep the community safe, stay safe on the scene, and always have easy access to vital information, what is done with that information varies. ShieldForce intuitively meets the needs of each user based on his or her role.

Law enforcement officers using ShieldForce benefit from:

- Immediate updates about an incident or a call for service
 - » With information instantly accessible, law enforcement officers do not need to radio into dispatch for additional information or return to their patrol vehicles to request or pull data from their MDTs.
- Improved safety by silently requesting information or backup without returning to patrol car
 - » Officers don't need to leave a scene or situation to access more information from their patrol car. This improves the safety of all officers involved on scene.
- Powerful situational awareness
 - » With ShieldForce available on a smartphone, tablet, or watch, users can see where all units and personnel are located, which helps in any incident where backup is required.
 - » Officers receive push alerts via ShieldForce when dispatched to a call
 - » These alerts are configurable and include warrants, gate access codes, hazardous materials, and other location-based hazards such as the presence of a dangerous dog.

Command staff using ShieldForce benefit from:

- Push notifications and alerts for command staff dispatched to a call reduce the need for constantly monitoring email or radio channels
 - » If command staff is dispatched to a call for service, communicating via the chat functionality in ShieldForce, or being notified of a status change, push notifications will automatically alert the individual as to any vital information.
- Real-time positioning of all units and officers
 - » If changes or redeployments need to be made, command staff have instant views of all staff in the field from anywhere.

Dispatchers and CAD administrators in agencies or departments where ShieldForce is used benefit from:

- The ability to focus on critical activities that extend beyond fulfilling information requests
 - » With officers having direct access to CAD and Records information and the ability to relay detailed incident information with street-level views and the location of responders on the scene, dispatchers have more time to focus on other duties.
- Improved tracking of officers on foot patrol, horseback, or bikes; detectives, school resource officers, and other personnel lacking laptops or MDTs
 - » This helps improve the safety of public safety personnel, as dispatchers and administrators can see locations, which helps expedite responses.
 - » Built-in time stamps on unit status changes improves accuracy of arrival and response times.
 - » Dispatchers can view officers on the map even when they're outside of their vehicle. This helps dispatchers position other responders and helps keep officers safer if they need backup.
 - » Dispatchers can also view breadcrumbs of where the officer went after leaving the vehicle, which is helpful in a foot pursuit and/or in a situation that requires backtracking to locate a dropped weapon or item.



A Tool to Complement Your Law Enforcement Mobile Applications

Many law enforcement agencies throughout the U.S. have mobile applications, but the key difference between these applications and ShieldForce is this: ShieldForce focuses on getting responders to the call, providing them with the information they need regarding what they'll find when they arrive on scene, and allowing them to be aware of and communicate with other responders, command staff, and dispatch personnel silently.

ShieldForce functionality includes:

- Esri and Google Map capabilities, including street view
- Call summary details
- Scanning of drivers' licenses
- Multi-device registration capabilities that can show GPS location of iPhones or iPads

In addition, features that are in both New World Mobile and ShieldForce include receiving dispatches, self-dispatching, call lists, unit status monitoring, ESRI mapping, changing status, person and vehicle searches, chat, notifications, mobile clipboard, day/night mode, and the emergency button.

By fulfilling the role-based needs of its users - even when they're off shift - ShieldForce helps users stay connected to the information they need, when they need it.

Unparalleled Ease of Use and Cross-Product Functionality

ShieldForce is simple to install, administer, and use. As an intuitive app, training needed for users is minimal. That means departments that license the app spend less time installing and training users, and more time using the app to its full capability.

Each department has full control over who can connect to the system since all users must have a license and a registered device.

ShieldForce is integrated with the New World public safety suite, so secure data is always accessible when it's needed most. In addition, ShieldForce can be used in conjunction with Tyler's Brazos solution for electronic ticketing when using an iOS device.

Experience More Access to Information in the Field, on the Scene, and off Shift

ShieldForce helps reduce the unknown about a situation. Whether you're a law enforcement officer or command staff, access to mission-critical information is always vital. ShieldForce ensures this access is always at your fingertips in any situation.



Features Available in New World ShieldForce

Chat: Securely chat with other users in the system. This could be other officers, sergeants, or dispatchers using ShieldForce, CrewForce, Mobile, CAD, or LERMS.

Person Search: Search for people by entering their information or scanning a license. This will search NCIC, local records, and CAD calls.

Vehicle Search: Search for vehicles by entering description and information to allow for searches in NCIC, local records, and CAD call information.

Mobile Dispatch: Get all the details of a CAD call while dispatched. This includes narratives or call notes, alerts, floor plans, Google™ street view, routing with turn-by-turn directions, and more.

Call List: View all active CAD calls and details about each.

Create Call: Create a CAD call from the field; this is most commonly used for traffic stops.

Unit Status Monitor: View all other units that are online and their statuses from CAD.

Mapping: See the incident location, best route, location and ETA of other responding units. Supports your New World CAD Esri map and layers on a Google™ map. Also includes Google Street View.

Emergency: Ability to send a system-wide emergency that will notify all users of your information and location.

Change Status: Change your status in CAD from your phone, so your dispatcher can know if you're en route, on scene, or busy.

Day/Night mode: Visual support for a darker night theme or lighter day theme.

Notifications: Receive dispatch notifications, chat messages, and status changes on your phone or smart watch.

Clipboard: The results from a person or vehicle search can be added to your shared virtual clipboard, so information can be easily pasted into a field report at a later time whether back in the station or in their cruiser.

Self Dispatch: Dispatch yourself to an active call using your phone, watch, or tablet.

Software that thinks like you do.

Tyler Technologies (NYSE: TYL) is a leading provider of end-to-end information management solutions and services for local governments. Tyler partners with clients to empower the public sector — cities, counties, schools, and other government entities — to become more efficient, more accessible, and more responsive to the needs of their constituents. Tyler's client base includes more than 15,000 local government offices in all 50 states, Canada, the Caribbean, the United Kingdom, and other international locations. In 2017, Forbes ranked Tyler on its “Most Innovative Growth Companies” list, and it has also named Tyler one of “America’s Best Small Companies” eight times. The company has been included six times on the Barron’s 400 Index, a measure of the most promising companies in America. More information about Tyler Technologies, headquartered in Plano, Texas, can be found at www.tylertech.com.

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