



Brazos

Mobile Electronic Citation Solutions for Public Safety

Empowering people who serve the public[®]



The proven, trusted electronic citation solution among officers

In the world of electronic ticketing, accurate data collection allows officers and court personnel to enforce the law safely, efficiently, and effectively.

To do this, law enforcement officers and court personnel need a robust data collection tool capable of capturing data for issuing and processing citations— and that's what Brazos™ by Tyler Technologies does.

But that's just the tip of the iceberg. Not only does Brazos provide a device-independent electronic citation solution that can be used on handheld, laptop, tablet, and cellular devices, it is a complete solution that covers the full gamut—from data capture to processing to transmittal straight into most systems. And it's not just for eCitations. Brazos works for most public safety mobile applications.

Plus, with its configurability, integration and virtually unlimited scalability, Brazos empowers users to leverage their existing public safety and courts applications. This increases efficiency and ensures that data collected is always secure during the collection, storage, and transfer processes.

Officer safety during a traffic stop is of the utmost importance, and Brazos reduces the time officers spend on the roadside dramatically. In fact, agencies report that officers went from spending up to 10 minutes on the screen to less than three minutes.

All these reasons and more are why hundreds of agencies and courts throughout the United States use Brazos to complete more than 7.5 million citations annually.



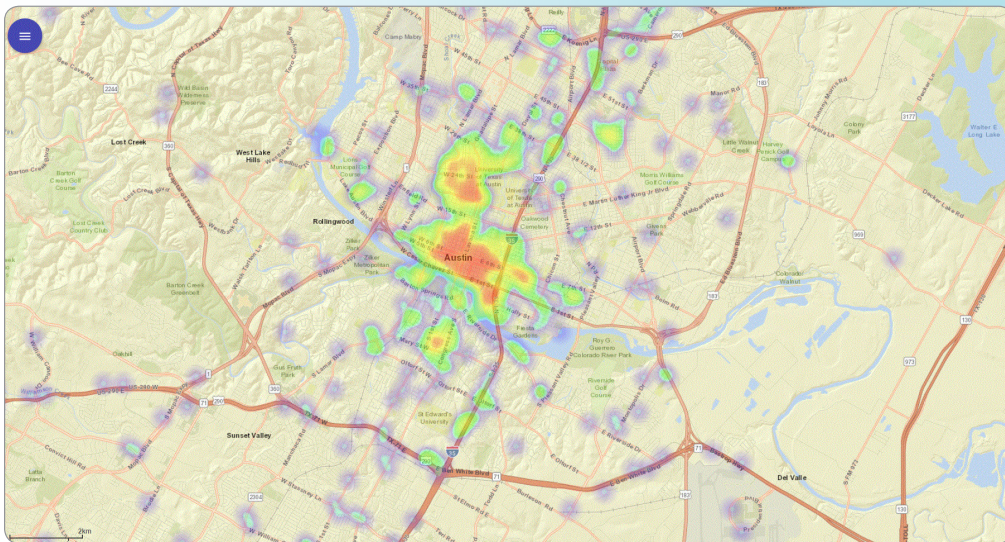
The Most Robust eCitation Tool on the Market

In addition to being a trusted data collection tool, Brazos provides users with analytics, statistical reports, and mapping capabilities that help prevent and reduce traffic-related offenses.

Brazos allows agencies to import street information from virtually any system. This data is then downloaded to the ticket writers where it is available in a drop-down list for the officer to use when creating an electronic citation. When the officer selects a street name from the list, the applicable cross streets are then provided. This helps both the officer and the agency – it takes the officer less time to enter the correct location information, and it allows the agency to work with geo-coded data on the backend for more accurate reporting.

In addition, with mapping capabilities in Brazos, users can view heat maps that identify problem areas on their mobile devices. Users can filter the information provided in the heat maps to view the types of citations and traffic issues occurring in specific areas. This information can be generated into a report, which helps command staff to increase patrol in hot spots to reduce and prevent incidences.

Users can also filter by category to view what types of citations are being issued in specific areas. Command staff can use this information to manage or redeploy patrol when necessary.



With powerful, built-in mapping capabilities, officers can use heat maps to identify problem areas to help prevent and reduce traffic-related offenses.

Collect the Data Your Agency Needs

Brazos solutions are designed for high configurability. This ensures that users are comfortable with the technology of the solution and can use it to its full advantage.

From initial configuration to deployment, agencies can change nearly every part of the solution without IT assistance.

Data fields in Brazos are completely customizable, so agencies can add and subtract fields to meet their individual needs. Users can also configure printouts to translate into a different language, which increases communication efforts within communities.





Leverage your Existing RMS and Court Software Investment with Brazos

A speeding violation citation is issued every second of the day in the United States. That's around 41 million speeding tickets per year, most of which are processed electronically.

To keep up with this volume, officers need a system capable of handling the data before, during, and after the citation process. That's why it's important for agencies to use a system that integrates seamlessly with existing records and court applications.

While many agencies employ electronic ticketing processes to streamline workflow, it's important to select a mobile data collection tool that:

- Pulls relevant data from an agency's computer aided dispatch (CAD), mobile, and/or records applications
- Integrates with existing court applications
- Works with most mobile devices (iOS, Android, and Microsoft) tablets, or laptops used by an agency, city, county, or court
- Provides users with the ability to enter and capture citation data instantly, regardless of whether they have an Internet connection

These features and functionality are all available with Brazos.

Experience Real-Time Information with Automatic Updates

Changes can be made easily, and they automatically flow to the field without a disruption in services. Every system and every device is updated as soon as they are synced, thereby eliminating out-of-date software and multiple variations of a form.

System administrators within the department define and control all users, user access, and device access allowed for each application. This provides detailed control over data access at both the user and device levels.

Internal changes aren't the only changes pushed out automatically. If court dates change, officers are notified immediately.

Brazos also includes software and operating system upgrades as part of the solution, making sure that every agency that chooses its solutions remains at the forefront of technological evolution.



Making the Most of Your Agency's Investment

In today's world, agencies are expected to do more with fewer resources. Implementing the Brazos solution provides organizations with a direct return on investment through data accuracy and labor efficiencies.

While the overall cost of the project depends heavily on the hardware investment required, the typical payback period for implementing Brazos products ranges from 3-12 months for most clients.

Most agencies realize these labor and cost savings by reallocating resources to other mission-critical projects.

How Agencies Save Using Brazos:

- Reduce paper waste
 - » Reducing the need for paper duplicates saves significant printing costs as well as the cost of historical storage of paper copies.
- Minimize data entry errors
 - » Capturing and validating data at the point of data entry reduces errors with both the original data capture as well as re-entry into the court and records management systems.
- Decrease dismissal rates through reduced errors
- Access NCIC and local warrants
 - » Providing access to the NCIC database on the officer's mobile device speeds up overall traffic stops and frees dispatch and radio resources.
- Better use of time and efforts, allowing for the reallocation of human resources
 - » By allowing information to be captured electronically at the point of activity, fewer labor resources are needed for data entry into the court, police records management, and other back-end systems, thereby freeing up resources for other mission-critical projects.

Reduce Time On The Roadside With Brazos

Efficiency is key to reducing time spent on the roadside. An officer using Brazos eCitation can complete a traffic stop in less than 90 seconds by utilizing the product's easy-to-use interface.

Gone are the days of using pen and paper to fill out a citation form. Brazos allows for the entry of electronic citation data through one or more of the following methods defined and controlled by each agency:

- Swiping the magnetic strip on a driver's license
- Scanning VIN barcodes and vehicle registration with a mobile device
- Capturing data using a QWERTY keyboard, touch-screen, video, audio, photo, and fingerprints
- After an officer captures all pertinent information mandated by local and federal laws, and data pre-defined by his or her agency, the citation is printed and handed to the driver.

This streamlined efficiency minimizes the time spent issuing the citation and reduces an officer's risk of death or injury while on the roadside.

Data from the citation then transfers electronically into the agency's records management system, court system, or any other system the agency wants. The data remains secure throughout the collection, storage, and transfer processes.

This digital process eliminates indecipherable handwriting that can get citations thrown out of courts, and reduces errors by automatically requiring officers to fill in preconfigured boxes that ensure all information needed by the courts is collected at the scene.

To collect necessary demographic information, Brazos offers built-in, drop down and customizable forms that collect this data. If an officer were to forget to gather any portion of this information, Brazos would alert the officer and take him or her back to the field in question.

When officers utilize tools that improve efficiency, they stay safer on the scene and collect all of the data necessary to meet operational requirements.

Spending less time on the roadside while still collecting vital data from drivers helps officers reduce risk of injury and improve operational efficiency.

Anatomy of a Traffic Stop



GATHER DATA



Data collection begins the moment an officer initiates a traffic stop.



With an eCitation solution that is completely device independent, officers automate and expedite the citation process.



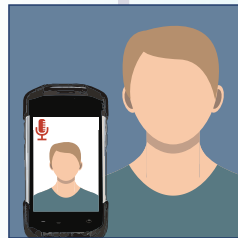
Using a built-in or USB scanner, data from a driver's license, VIN, and registration auto-populates critical data into the citation.



Complete a traffic stop in as little as 90 seconds.



CAPTURE DATA



Capturing the driver's photo with the ticket writer's built-in camera ensures identity is never in question.



All data collected is stored locally regardless of internet connection.



Electronic signatures are captured on the scene.



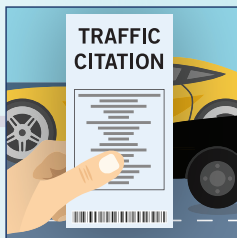
Brazos™ helps identify active warrants.



TRANSMIT DATA



Mobile citations are printed on the scene.



The citation is handed to the driver. Citation data is ready to be shared with records and court applications.



Citation records are transferred via Wi-Fi, cellular connectivity, or batch upload for processing into an agency's predefined record or court system.



Legible citations reduce dismissal rates in court.



SHARE DATA



Brazos eCitation solution from Tyler Technologies allows each agency to define when and where information is sent. With its secure data sharing processes, vital data is instantly accessible by dispatch, records, and court personnel.

Flexibility and Functionality on the Scene with eCrash

When law enforcement officers are on the scene of an accident, their first priority is to make sure those involved are safe. But before the scene is cleared, an accident report needs to be created.

Like Brazos eCitation, the Brazos eCrash module is designed for handheld devices, tablets, and laptops, and allows officers to complete accident reports electronically in the field.

With eCrash, officers realize the same benefits as from eCitation including improved accuracy, efficiency, and productivity. In addition, each agency can define and control the fields, screens, layouts, security, and workflow.

Officers use eCrash to store photos of the crash scene, print and share contact and insurance information, create a tow slip for damaged vehicles, and transfer data.

With drop-down boxes for required and pre-selected fields, eCrash ensures essential data is gathered correctly and completely the first time. That essential data is stored electronically in the Brazos system, the agency's records management system, and state reporting system. Reports can also be printed on the scene.

Once reports are collected, Brazos provides the complete workflow process for approvals, denials, submissions to the state, report modifications and superseding reports, redaction, and the reselling of reports online.

Brazos eCrash interfaces with most public safety software applications, so users can fully leverage their existing systems.

More than 100 agencies throughout the country use Brazos eCrash.

Agencies control the fields, screens, layouts, security and workflow in eCrash. Officers use eCrash to store photos of the scene, print and share contact and insurance information, and transfer data.

A Partner You Can Trust

As the proven, trusted choice among data collection tools, Brazos is the go-to solution for electronic ticketing, eCrash, and more. Brazos users experience the following:

- Eliminate re-entry of data
- Share data with other systems automatically
- Collect the right data on the scene
- Reduce time spent on the roadside
- Increase officer safety
- Improve prosecution rates

Brazos comes with eCitation, Parking, Warnings, and Activity Reports in its base package. The modules work on virtually any mobile device and are compatible with most public safety and court applications.

Brazos also offers these additional modules:

- eCrash
- Driver exchange
- Crash diagramming
- Tow reporting
- Field interviews
- Animal control
- Code enforcement
- Building code
- Fire code
- Fare enforcement
- Criminal trespass warnings
- Biometric software
- Vehicle inventory forms
- Equipment check-in/out
- Zoning
- Text-to-speech
- Custom modules to capture data collected by paper



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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Empowering people who serve the public®

