BlueARGUS is the most comprehensive database manipulation software, optimized for travel-time data and dashboard-based visualization. Monitor traffic congestion right from your browser. BlueARGUS provides data analysis using intuitive data selection menus - No programming needed!

From spreadsheets and graphs to standalone databases and cloud services, use BlueARGUS to uncover any travel-time data using TrafficCast’s BlueTOAD travel-time-based performance software!

Aggregate dozens of unique data calculations to combine multiple views of travel-time data. Get richer insight to changing traffic patterns and trends. BlueARGUS is optimized for any agency’s need - city traffic department, county, state, MPO or engineering service provider.
BlueTOAD
Ethernet and Cellular

**Blue**tooth  **T**ravel-time  **O**rigin  **A**nd  **D**estination

**Advanced System**

BlueTOAD™ is the most advanced traffic-monitoring system on the market, directly measuring travel times using cost-effective, non-intrusive roadside technology.

**Reliable and Proven Technology**

BlueTOAD detects anonymous Bluetooth signals broadcast from mobile devices to determine accurate travel times and speeds.

**Real-Time Data**

BlueTOAD calculates travel times and speeds in real-time to provide route management capabilities.

**Easy and Reliable Installation**

BlueTOAD can be installed independent of local power or communications systems by using a cellular data connection and solar panel, or can be plugged into existing electrical and/or fiber infrastructure. Utilizing Power over Ethernet (PoE) technology simplifies network design and accommodates unique infrastructure deployment.

**Powerful Data Processing**

Either a cellular or Ethernet based communications system processes the data collected by BlueTOAD devices. Data can be viewed in real-time or analyzed historically through the BlueARGUS software, which provides travel times, road speeds, and MAC address detection counts.

**BlueTOAD System Advantages**

- BlueTOAD proven algorithms for filtering and processing data inputs to compute real-time travel times and speeds.
- Speeds/travel times updated in real-time on a secure web “Dashboard” and speed maps.
- XML schema is available for third-party integration such as an Advanced Traffic Management System (ATMS), agency website, or Dynamic Message Sign (DMS) software control system.
- Self-hosted or secure web interface for generating statistical and analytical reports covering: speeds, travel times, origin/destination, and before and after comparisons.
- Real-time monitoring of device status and performance.

**Power over Ethernet (PoE) Benefits**

- Single Power over Ethernet (PoE) shielded CAT-5 Ethernet cable supplies power and network connection to each BlueTOAD unit.
- Save conduit space and simplify installation using single Ethernet cable suitable for longer distances.

Set 5-Color Speed map to highlight and analyze congestion anomalies.

Manage Before & After Studies, or monitor M.O.E. & traffic congestion trends.

Study signal timing changes & Performance Measures, compare historical data.

Create O/D reports to compare routes and view multiple outputs!

View the effects incidents have on travel times and measure the results.

<table>
<thead>
<tr>
<th>Alarms</th>
<th>Active Alarms</th>
<th>Enabled Alarms</th>
<th>Add Pair/Route Alarm</th>
<th>Add Device Alarm</th>
<th>Alarm Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change Alarm Settings</td>
<td>Enable Alarm</td>
<td>Active From</td>
<td>Until</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Notification Methods</td>
<td>Send Email</td>
<td>Send SMS</td>
<td>Send Alarm when speed drops below</td>
<td>% historical</td>
<td>mph</td>
</tr>
<tr>
<td>Recipients</td>
<td>Default</td>
<td>Custom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minutes to wait before sending initial alarm</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minutes between repeating unacknowledged alarm</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

User-defined Alarms for field hardware and route threshold monitoring.