ADAPTIVE RECOGNITION

ITS & SMART PARKING SOLUTIONS

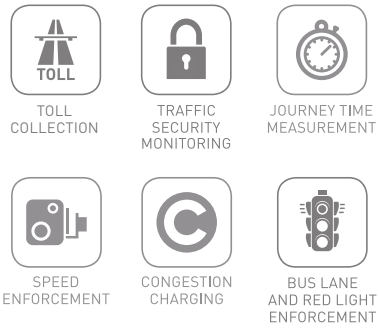
# GLOBESSEY DATA SERVER

## Effortlessly manage mass traffic data

GDS brings a new era to manage big traffic data – that is undoubtedly the soul of any traffic monitoring system. This database is specifically designed to store traffic-related information, in a high-speed, scalable and easy to manage format.

In fact, it is not just a database: it is a complete traffic data middleware solution with a built-in and ergonomic GUI, that is praised by its users, let them be a police organization, toll collection agency or any such traffic authority.

GDS deals with the most complex traffic management challenge in an effortless manner: simultaneously managing data collection from numerous endpoints and serving queries of various business units.
All these with maximum reliability – serving your traffic system.




## **Main** benefits

- Potentially unlimited storage capacity
- Tracks vehicles carrying dangerous goods
- Web-based remote access for multiple simultaneous users
- Managing ITS systems of an entire city/region/country
- Integration into existing or planned 3rd party systems
- No need to use relational database – events are unrelated
- Runs on a smaller server – or works faster on given hardware system

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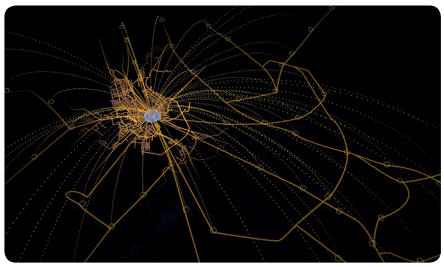
# Globessey Data Server

## Specifications

• autonomous data gathering • openness • scalability • flexibility • ANPR • vehicle categorization • axle counting • secure data
• state of the art technology • quick ROI • Non-intrusive • automatic violation detection

### Technical Data

| | |
|---|---|
| Supported operating systems | Windows (64 bit)<br>Linux (64 bit) |
| Supported Platforms | x86_64 \| PPC |
| Minimum system requirements | Project specific; contact ARH for more information |
| Licensing | Licensing based on CPU cores, core types, users, lanes, and number of devices.<br>Contact ARH for a quote |
| User interface | HTML browser (GUI, web socket-based communication) |
| Development Tools | C#, .NET, Java |
| Supported programming languages for Windows | Visual Basic, .NET, Java |
| Supported programming languages for Linux | C/C++, C#, Java |



**Effective data processing**

The standardized data package flow is rapidly managed through IP-based communication in binary and/or xml formats and simultaneously transmitted between multiple endpoints and the server.

**Scalability**

The dynamically scalable server is able to perform without maximum limitation and efficiently stores all image and numerical data through its high-availability data replication and clustered storage software architecture.

**Statistics**

The user-friendly GUI provides comprehensive metrics and a searchable database along with preset automation, export functions and a log that records all activities in the system.

**Endpoints monitoring**

All roadside sensors and cameras can be remotely operated or monitored (self-verification, periphery check), reflecting the detailed conditions of the system in real-time.

### TRAFFICSPOT® – Roadside Traffic Monitoring and Data Processing