

## Search zillion records in milliseconds.



### SECURITY

The system is based on a locked-down appliance where your data is safe in encrypted file system.

Access to your production data is read-only based on need-to-know and minimal-privilege rules.

Access using OTP, 2FA, or LDAP integration is available.

### PROTECTION

The system is accessible only via the application web browser.

The system has horizontal scalability used for redundancy and performance.

You can add more nodes and they will act like one.

### TECHNOLOGY

Our solutions are based on the most modern technologies and the knowledge gathered in more than 20 years in this business.

We are application gnostics, we understand your challenges and your pains.

Did you ever try to search every single business partner (customer, supplier, employee, consultant, etc.) against several lists of millions of persons of interest?

Did you try to check every Credit Card, every Invoice, every Bill, every Payment Order, every Car against the 10 million terrorist list, or 8 million stolen vehicles list, or fake or stolen credit card list?

Do a simple math ... if you have 10,000 checks per day (any type: people, cars, companies, ID's, credit cards, etc.) and you need few seconds (at best) for every search ... you need more than one day ... you'll be always behind ...

You need a search platform like GSearch®

GSearch® is a transparent gateway that can connect to any data source (like a relational database), daily extracts the static search lists and index them to create the most powerful search engine. You can still perform the search from within your application or database, but the search is redirected to GSearch® where you can process zillion records in just few milliseconds.

Very few changes are required in your production environment, but the performance gain is really impressive.

Not only that you can search faster than before, but now you can expand this approach and perform Machine Learning against collected data, so you can detect any type of point, contextual and collective anomalies.

Many use cases are now available to you ...

- As part of its response against terrorism after the attacks of 11 September 2001, the European Union established a list of persons and entities involved in terrorist acts and subject to restrictive measures.
- Customer identification programs (CIPs) for financial institutions are required by §326 of the PATRIOT Act. CIPs are required to prevent financing of terrorist operations and money laundering.
- Know-Your-Customer (KYC) process for all insurance policies or money loans also require checking names, addresses, historical anomalies, etc.

## TECHNICAL SUPPORT

From day one, our team will work with you in gathering the requirements and find the best approach, so you can focus on your business, instead of resource-consuming IT systems.

## ZERO DOWNTIME

There is absolutely zero downtime for your production system during all project phases:

- Analysis
- Development
- Implementation
- Go-Live
- Support
- Continual Improvement

## ABOUT US

We provide a wide range of consulting services with the necessary tools and expertise to help grow your business.

We partner with our clients from start to finish, focusing on their needs while producing new ideas, developing effective strategies and designing high quality and scalable solutions.

For more information please visit:

[www.globaldata.ro](http://www.globaldata.ro)

# Use the “Elastic Power”



Elasticsearch is a distributed, RESTful search and analytics engine capable of solving a growing number of use cases. As the heart of the Elastic Stack, it centrally stores your data so you can discover the expected and uncover the unexpected.

Elasticsearch lets you perform and combine many types of searches — structured, unstructured, geo, metric — any way you want. Start simple with one question and see where it takes you.

Go from prototype to production seamlessly; you talk to Elasticsearch running on a single node the same way you would in a 300-node cluster.

When you get answers instantly, your relationship with your data changes. You can now iterate and cover more ground. Being this fast isn't easy. We've implemented inverted indices with finite state transducers for full-text querying, BKD trees for storing numeric and geo data, and a column store for analytics.

And since everything is indexed, you're never left with index envy. You can leverage and access all of your data at ludicrously awesome speeds..

## System Requirements

There are no special requirements. GSearch® is a software appliance that can be deployed on any physical or virtual environment, using any virtualization technology available.

It is delivered as a virtual appliance template and it requires minimal configuration. You can be up and running in just a few minutes.

You can build connectors for any type of data, structured, semi-structured or unstructured. You can use visual tools to build them, or you can script at the lowest possible level. You can also reuse any of the connectors available. The template comes with more than 100 connectors.

Import the production data during “silent” periods of time and sent all the resource consuming queries far away from your production systems.

Also, you can consolidate all the searchable data from several systems into this single repository and perform a real “Global Search” across all of them.

## SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support and Integration
- Hardware Support
- Knowledge Transfer
- Guaranteed Warranty
- Continual Improvement