

### **IQmen – Business Intelligence**

# DATA, SPEED, INTELLIGENCE: TURNING DATA INTO KNOWLEDGE

WWW.IQMEN.RU

# **IQMEN - BUSINESS INTELLIGENCE**





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# **ABOUT COMPANY**

**IQMen – Business Intelligence** is the Russia's leading research and development center of Big Data mining advanced technologies, the manufacturer of business analysis software and integrated information processing systems for public and corporate customers since 2004.



Long-term multi-industrial practice of Big Data search, collecting, processing and analysis innovative technologies development based on own scientific and technical asset.



Expanded expertise of fast development of industry-specific integrated information processing systems ensuring urgent response to current trends and challenges via optimal business decision.

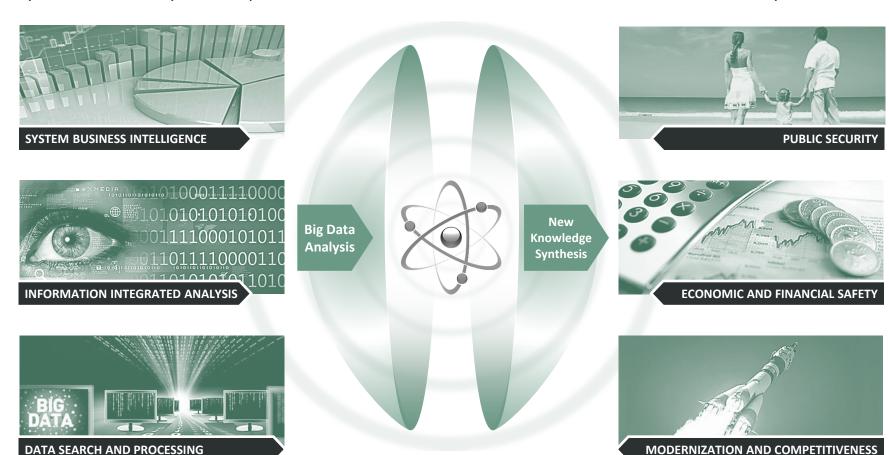


New knowledge acquisition from global information environment as an intelligent way to achieving our customer's business efficiency and competitive superiority.



# **BUSINESS AREA**

**IQmen BI** opens the way of information environment intelligence analysis aimed at new knowledge synthesis necessary to anticipate future events and ensure our customers' sustainable development.





# **PUBLIC AND SECURITY**



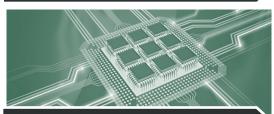
**GOVERNMENT AND EXECUTIVE AUTHORITY** 



**NATIONAL SECURITY AND DEFENCE** 



FINANCIAL AUDIT SUPERVISION AUTHORITY



SCIENCE AND TECHNOLOGY R&D

- Monitoring and analysis of national government public sentiments.
- Monitoring of political and economic situation, influential parties and person activities.
- Monitoring and control of technological, industrial, environmental and epidemiological emergencies.
- Monitoring and detection of terrorist and extremist attack threats, criminal and radical religious groups activity control including its leaders' dossier collecting.
- Monitoring the situation in the former hot spots of the world, gathering information on current social and military conflicts and their participants.
- Data collection and analysis of foreign military equipment and combat power.
- Financial risk management of commercial partnership and corporate human resources security control
- Analysis of public procurement and tender documentation, identifying violations, fraud and corruption in the financial sector
- Detection and control of suspicious and unreliable financial counterparties
- Data collection and analysis of foreign innovative and dual-use technologies.
- Monitoring of international technology R&D centers activity and identification of key technological experts.
- Identification and data collection on key specialists in the industry of engineering, science and technology project management.



# **CORPORATE MARKET**



#### **BANKS AND INSURANCE**



**FUEL PRODUCTION, ENERGY GENERATION** 



**INDUSTRIAL PRODUCTION** 



TELECOM AND IT SERVICES

- Exploration of existing infrastructure using new ways through worldwide trends and practices analysis in order to ensure business modernization and commercial competitiveness.
- Data collecting and analysis of worldwide advanced scientific and innovative technologies, industries, markets and experts for corporative knowledge database generation.
- Financial risk management of commercial partnership and corporate human resources security control.
- Monitoring and analysis of information on negative events near controlled objects, accidents, emergencies, production violations and external threats from online-media publications EMERCOM services sources.
- Monitoring and analysis of customers and target audience personal information and opinion publications necessary for brand reputation management, marketing and sale optimization.



### **ADVANTAGES**

**IQMen BI** is the national science and technology center of Data Mining competence, based on Physical Science Academy of Russia and long-term multi-industry application practice of Business Intelligence technologies.



Long-term practice of multi-industries needs and problems studying aimed at fast and inexpensive adaptation of industry-specific integrated solutions necessary for customers' subject tasks execution.



Own business intelligence platform using Data Mining technologies and integrated multi-linguistic analysis of structured and unstructured data.



Team of data processing and analysis unique specialists: software programmers and designers, system analytics and integrators.

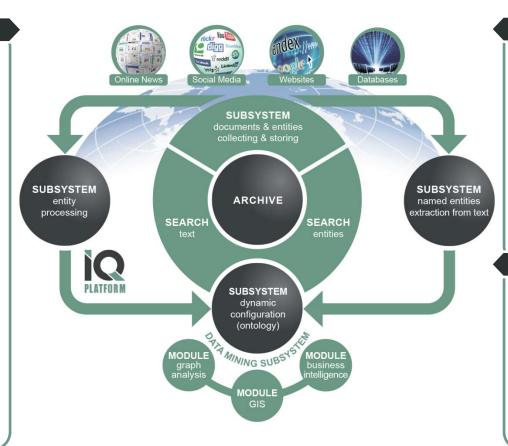


# **IQPLATFORM®**

**IQPLATFORM®** is a new generation dynamically configuring BI-engine for Big Data analytics providing safe and usable information environment with uniform framework for collecting, storing, processing, visualization and analysis of data from any sources and of various types.

#### **SYSTEM CAPABILITIES**

- System configuring of subject area, entity visualization and special reporting.
- Online text documents collecting and uploading.
- Structured and unstructured data collecting and uploading.
- Distributed data search in archive.
- Named entities extracting from text and unstructured data.
- Data Mining via fact and document BI-analysis with entity and linkage graph and geolocation mapping, statistical OLAP-reports generation.



#### **DATA SOURCES**

- Social and online media.
- Web search engines.
- Websites and filestores.
- Enterprise information systems (ERP, 1C ...).
- Databases and ETLsystems.
- Data aggregators (Lexis-Nexis, EBR-systems).

#### **OBJECTS OF INTEREST**

- Person, name, group, organization, number, event, finance, address, date, quote, country, city....
- Brand names and trademarks.
- Applications and subject areas.



# **TECHNOLOGIES AND FEATURES**

**IQPLATFORM**° is the base for fast development of industry-specific integrated information processing systems through expert and analytical adjustment of subject area, entity definition, graph scenario and statistics reports.



Free scalable architecture for one server as well as a cluster of dozens servers configuration, a simple increase of archive capacity and internal database search rate with application of Apache Hadoop Big Data technology.

Most comprehensive collecting of information from any databases of any complexity by using the web crawler extensive library for most popular online-sources, with fast and high-precise connection possibility for additional sources of any type.



BIG DATA APPLIANCE

READY

Multilingual linguistic and semantic analysis of text document using natural language processing technology.

Real-time integrated business intelligence service, including structured and unstructured Big Data processing and analysis.



Data investigation with clear and advanced analytical reporting, including entity and linkage graph analysis, statistical and BI-reports, etc.



**EXADATA** 

READY

Optimized to optional work on Oracle Exadata Database Machine, Oracle Exalogic Elastic Cloud and Oracle Big Data Appliance through the Oracle Exastack Program.



**EXALOGIC** 

READY



### **SOLUTION PORTFOLIO**

**IQmen** integrated solutions portfolio is based on **IQPLATFORM**® configurable BI-engine and includes a modular flexible systems with fast, reliable and inexpensive adjustment to customers' specific tasks.



- Global and regional political, economic and social situation monitoring and analysis system
- Scientific, technology and market competitive intelligence system
- Anti-fraud analysis and control system of public procurement tender applicants



- Legal entities counterparties of credit-financial and insurance organizations, reliability assessment and safety business decision control system
- System of individuals reliability verification and security analysis system

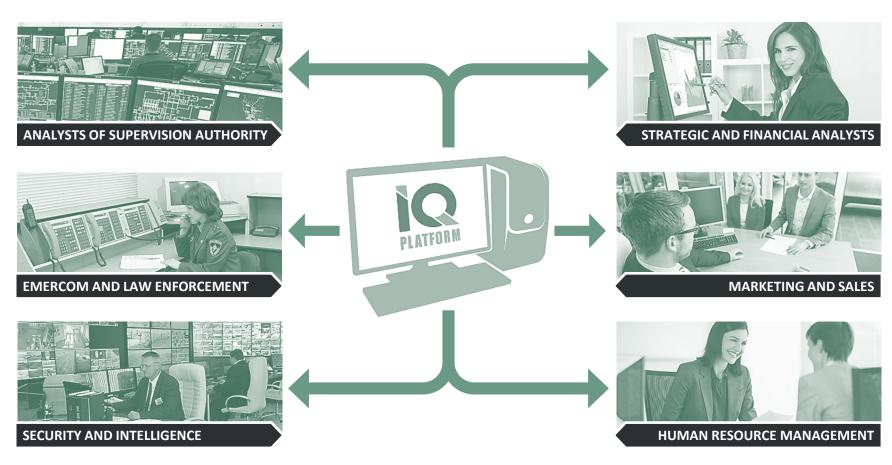


- Oil, fuel and energy production technological violation prevention and control system
- Industrial facilities external environment threat detection and prevention system



# **AUTOMATION OBJECTS**

**IQPLATFORM**® integrated solutions are used at automated workplaces collecting and analyzing information within relevant departments of organizations and enterprises.





# **PARTNERS**

**IQmen - Business Intelligence** is a strategic partner of the Russian and worldwide IT-leaders, system integrators and software/hardware manufacturers.



**ORACLE CORPORATION** 



IBM CORPORATION



**CROC INC** 



**ABBYY** 



**CISCO SYSTEMS** 



**HETNET CONSULTING** 



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