ADVANCED BUSINESS ANALYTICS. TOOLS

**Predictive Analytics**
- Analyze and Forecast trade flows and foreign trade structure
- Forecast and plan the amount of customs duties

**Data Mining**
- Use score models to predict customs risks in respect of goods
- Use score models to assess risks on traders

**Text Mining**
- Analyze data related to prohibitions and restrictions
- Analyze data related customs value of similar and identical goods
- Analyze unstructured data to assess risk levels
FORECAST TRADE FLOWS AND FOREIGN TRADE STRUCTURE.
USE OF PREDICTIVE ANALYTICS TOOLS

Goals:
- Analyze, evaluate and forecast trade flows through the checkpoints
- Prepare proposals in respect of customs infrastructure
- Plan the resources for the checkpoints
FORECAST AND PLAN CUSTOMS DUTIES. USE OF PREDICTIVE ANALYTICS TOOLS

Goals:

- Forecast the parameters that affect customs duties
- Generate targets for customs duties
- Assess the quality of Customs payments planning
USE SCORE MODELS TO PREDICT CUSTOMS RISKS IN RESPECT OF GOODS. USE OF DATA MINING TOOLS

**Goals:**
- Identify goods for the thorough Customs control
- Evaluate and forecast volumes of false declaration
- Estimate losses in customs revenues
USE SCORE MODELS TO ASSESS RISKS ON TRADERS. USE OF DATA MINING TOOLS

Goals:
- Indicate unreliable traders
- Estimate and assign traders reliability categories
- Evaluate and forecast volumes of the false declaration
ANALYZE UNSTRUCTURED DATA.
USE OF TEXT MINING TOOLS

Goals:
 Improve efficiency of unstructured data analysis
 Detect risks in unstructured data
 Detection details and discrepancies in unstructured data
PROGNOZ PLATFORM ARCHITECTURE

Information delivery and analysis
- Dashboards
- Report Designer
- OLAP Analysis
- Time Series Analysis
- Modeling & Forecasting
- Scorecards

Development tools and collaboration
- Data warehouse designer
- Master data management
- Extract, transform, load
- Software development kit
- Business graphics components
- Social software and portal integration

BI infrastructure and metadata management
- Security manager and administration
- Metadata manager
- Application server and Web services

Customs Clearance (Single Window) Software
- UN Comtrade Statistics & National Foreign Trade Statistics
- Customs and other agencies data
Today Prognoz implies a BI vendor (MQ BI), a consulting company with 20-years experience in different sectors, and a scientific organization.

10 countries where our offices are located

35 countries we delivered projects to

1500 successful implementations

350 customers around the world

1500 highly qualified programmers, analysts, and economists

more than 20 years’ experience in the IT market

more than 50 PhDs in economics, physics, mathematics and other sciences.
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