Prognoz Customs Risk Management

The solution provides business intelligence and technological support to identify risk areas, create risk profiles, and apply measures to minimize risks in a comprehensive manner.

Key Capabilities

- Consolidate information resources needed to manage risks
- Monitor customs clearance online for the purposes of the Risk Management System (RMS)
  - Define and measure risks to customs compliance
  - Develop operational risk rules based on identified risks
  - Determine high risk and trade sensitive goods
  - Automate customs controls based on risk rules
  - Measure and analyze the detected data discrepancy
- Assess reliability of foreign economic agents, or traders
- Create and check risk management rules
  - Keep track of records relating to an importer’s customs operations (trade statistics, antidumping/ countervailing duty operations, quota conformity merchandise value, corporate tax returns, previous violations of law, etc.)
  - Systematically evaluate an importer’s compliance rate
  - Help develop post-assessment plans and post-release control
- Detect risks when carrying out customs operations
  - Develop analytical reports to identify risk areas in customs operations and controls
  - Make use of data mining techniques to identify patterns of non-compliance and possible reasons for the defect
  - Measure the effectiveness of risk management and mitigation/contingency controls
Powerful Benefits

Our solution enables you to:

- **Facilitate data analysis processes** carried out by experts to detect risks on high-risk foreign economic operations
- **Improve automation** of RMS processes
- **Improve effectiveness** of customs controls using the RMS as well as effectiveness of customs controls after releasing goods
- **Decrease the share of examined goods**, focusing customs controls
- **Make decisions** taken at all risk management levels **less subjective**
- **Reduce time** needed for customs operations and customs controls, eliminating redundant administrative barriers for bona fide importers and exporters

Competitive Advantage

Leverage the advanced features of our software:

- **A comprehensive analytical, visualization, and modeling platform** designed to help enforce trade laws, enhance revenue collection, detect threats to security and other priority areas for customs compliance
- **Support the implementation** of the WCO Framework of Standards to Secure and Facilitate Global Trade
- **Compatible** with the ASYCUDA databases and the WCO Customs Data Model
- **Customizable** to fit individual data and software needs
Proposed Architecture

Client access
- Web browsers
- Mobile access
- Export to Adobe Reader, MS Office
- Prognoz Platform
- Corporate portals

Import Compliance Assessment
- Keep track of records relating to an importer’s customs operations (trade statistics, antidumping/countervailing duty operations, quota conformity merchandise value, corporate tax returns, previous violations of law, and so on)
  - Systematically evaluate an importer’s compliance rate
  - Help develop post-assessment plans and post-release control

Risk Analysis
- Develop analytical reports to identify risk areas in customs operations and controls
- Make use of data mining techniques to identify patterns of non-compliance and possible reasons for the defect
- Measure the effectiveness of risk management and mitigation/contingency controls

Risk Management Monitor
- Define and measure risks to customs compliance
  - Develop operational risk rules based on identified risks
  - Determine high risk and trade sensitive goods
  - Automate customs controls based on risk rules
  - Measure and analyze the detected data discrepancy

Customs data warehouse
- Metadata & Reference data management

Toolkit
- Multidimensional query designer (OLAP)
- Dashboards designer
- Model designer
- Modeling and forecasting
- Administration and information security

Data extraction, transformation, and loading

Data sources
- ASYCUDA database
- Customs control result databases
- Customs clearance software
- Other databases
Our profile has made Prognoz the choice of some of the most prestigious corporations and organizations around the world:

- **We are a seasoned international company** with over 20 years experience in delivering industry-proven best-of-breed solutions to the IT market.

- **We have offices around the world**: in Russia, the United States, Belgium, China, Kazakhstan, and Belarus.

- **We employ over 1,500 highly qualified analysts and programmers** with extensive experience and training.

- **We have completed over 1,500 international projects**. Among our clients are International Monetary Fund, World Bank, World Healthcare Organization, Organization for Economic Cooperation and Development, Asian Development Bank, African Development Bank, the Coca-Cola Company, China Ocean Shipping Company (COSCO), Abu Dhabi Terminals, State Grid Corporation of China, Gazprom, Sberbank, and ministries and agencies of different countries, including the Exective Office of the President of the Russian Federation, the Exective Office of the President of the Republic of Kazakhstan, customs services of Russia and Belarus, United States Department of Agriculture, and European Commission’s Joint Research Centre.