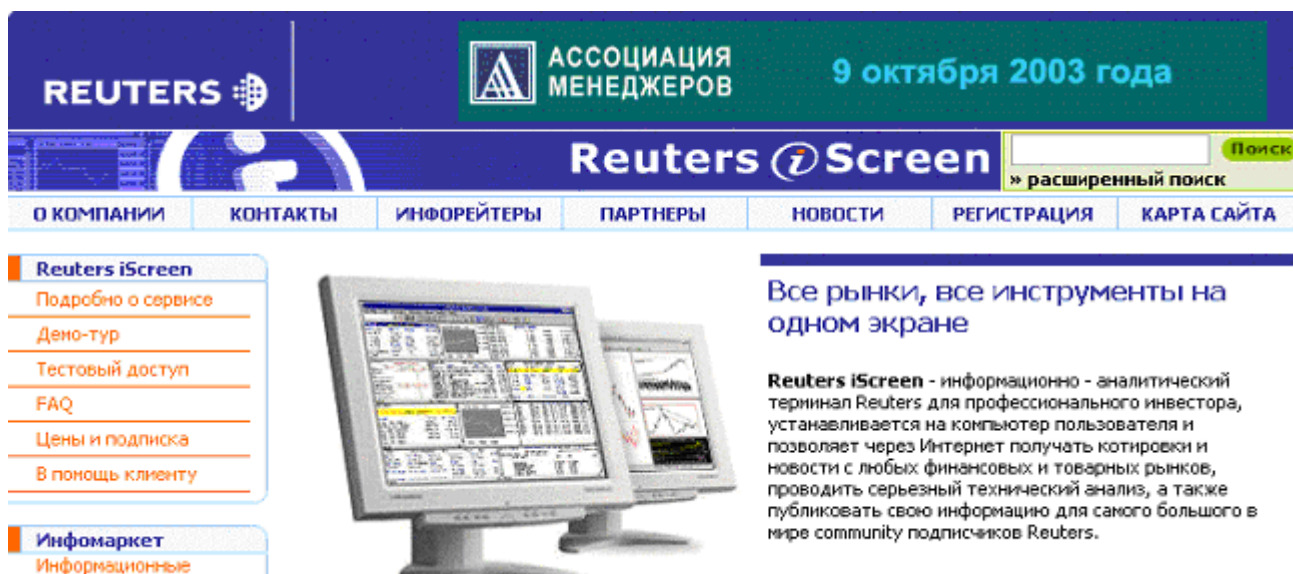


Reutersprodukt: iScreen



Компания ИнфоТекС Интернет Траст



Безопасность при работе с данными в Reuters iScreen.

Компания "ИнфоТекС Интернет Траст" предоставляет услуги информационной безопасности на базе передовых программных продуктов для организации VPN (виртуальных частных сетей), которые позволяют повысить эффективность управления бизнес-процессами и использовать новейшие достижения информационных технологий на рабочем месте и вне офиса.

Представительство в Интернет:  
[www.infotecs.ru](http://www.infotecs.ru)

**REUTERS** is one of the largest financial information and analysis providers of the world. Information from 244 stock exchanges and OTC-markets are offered in real time to brokers, investors etc. **REUTERS** uses an extensive database of various nature and distributes this information worldwide. The specifics of the Agency's activities, e.g., the extensive network of geographically distributed correspondents and a vast number of users poses a number of problems which cannot be solved without an intense use of Internet technologies and implementation

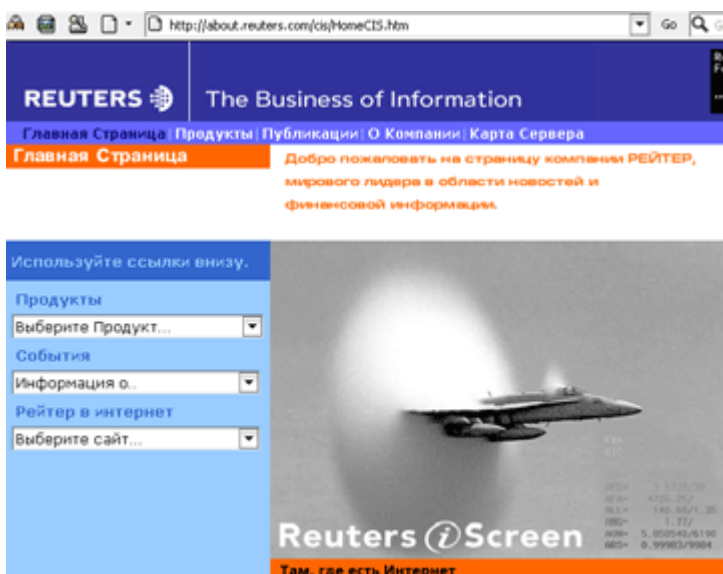
of state-of-the-art data traffic handling solutions. However, the global nature of the Internet, while allowing the necessary connectivity, also introduces significant security considerations.

Based on the global character of the information in combination with the importance of access to real time data and news using WWW, FTP, Email, Instant Messaging the internet has proved to be the most important data carrier for **REUTERS**.

The problems facing REUTERS were:

- Protection of information on the REUTERS web-server against unauthorized access.
- Protection of information from theft and manipulation (application example: stock exchange information for brokers)
- Protection of information transmitted over the internet against interception.
- Secure emailing and instant messaging over the public internet.

To solve these problems, the Agency's management decided to install an integrated network security system capable of adequately protecting the Reuters commercial interests. The Agency made studies into the Russian telecom and safety software market and singled out the **INFOTECs INTERNET TRUST SOLUTION** based on ViPNet-technology from the many available offerings. **INFOTECs** won out as a solution provider best meeting the above requirements and promising high reliability.



## INFOTEC'S INTERNET TRUST

INFOTEC'S provides REUTERS as Managed Security Service Provider with their INTERNET TRUST SOLUTION based on VIPNet technology. This product is marketed by REUTERS under the brand name iScreen to its clients.

The REUTERS subscriber receives a CD by INFOTEC'S with the VIPNet [Client] installation software to connect from his PC to the REUTERS network over a safe VPN-connection.

This client software was restricted for the REUTERS iScreen application in its functions (e.g. no Instant Messaging function). The REUTERS client has secure access to realtime stock exchange information. INFOTEC'S is paid for this service and for providing the technical hotline by REUTERS on a "per subscriber" basis.

### The VIPNet Security Solution

Considering the Agency's plans to:

- expand its customer base,
- to have the remote access capability
- tools for securing and encrypting its document flow.

It was decided to install the **ViPNet Custom** software package.

### The software package included:

- Key Center (x1)
- Network Control Center (x1)
- Coordinator (x1)
- End-user clients (currently over 600)

### Results of the ViPNet Custom Installation

The database server is completely protected against outside attacks. Authorized users and the database server are integrated into a reconfigurable VPN. The VPN administration and critical information management are conducted from a remote location. The use of a combination of symmetric and asymmetric encryption algorithms ensures high reliability of information encoding. Preinstalled digitally-signed e-mail and file safety appliances, both using the encryption algorithms, enable secure information delivery. Being encoded reliably, such information is unreadable to third parties, even if intercepted. The database server is protected against attacks and has intrusion detection/logging/tracing capability.

### Benefits Gained

The use of ViPNet system and services allowed Reuters in a cost-saving manner to adequately protect its information site and to eliminate the risk of losses through interception or compromising of commercial information. The integrated security solution allowed:

- restricting access to the Agency's information resources to subscribers and authorized users;
- encrypted e-mail with the digital signature and verification/delivery control capabilities;
- bulky data exchange using encrypted file exchange appliance with the delivery control capability;
- protection of information stored on the WEB-server against compromising;
- critical information management by high-skilled professionals provided by the ViPNet developer;
- effective cost-saving.

### Reference to technical HELP DESK REUTERS outsourced to Infotecs.

