



The Computerworld Honors Program

Honoring those who use Information Technology to benefit society

Final Copy of Case Study

LOCATION:
Broomfield, CO, US

ORGANIZATION:
TurkDex

YEAR:
2011

ORGANIZATION URL:
<http://www.vob.org.tr/vobportaltur/HomePage.aspx>

STATUS:
Laureate

PROJECT NAME:
First Private Exchange in Turkey

CATEGORY:
Economic Opportunity

PROJECT OVERVIEW

In a free market economy prices are determined by supply and demand. In Turkey, privatization has been gradually increasing and the government implements policies to provide such a free market. In addition, free capital flows between countries are encouraged and applicable restrictions are being abolished with new legislation. As a result of such developments towards a free market economy almost every company in the country is becoming more sensitive to global economic fluctuations. TurkDEX is committed to providing the financial instruments that help these individuals and institutions manage market and trading risk. The firm has both strategic and economic responsibilities to establish itself as an efficient and successful platform for managing risk. To meet its goals, TurkDEX is developing a dynamic and efficient futures and options market that is well integrated with current monetary and capital markets. A major component of this strategy is to establish a comprehensive trading platform for members and investors for trading derivatives instruments. As TurkDEX sought to establish itself as a strong derivatives exchange and trading platform, the firm faced three specific challenges. First, TurkDEX needed to maintain a fair and honest trading environment that protects investors and helps sustain corporate credibility. Secondly, it also needed to provide a highly competitive trading platform similar to other derivatives exchanges and over-the-counter (OTC) markets. Lastly, TurkDEX needed to integrate with international markets to become a truly global exchange. This final challenge was a critical cornerstone to TurkDEX's overall strategy. To establish TurkDEX as a strong competitive offering for derivatives trading, the firm required an effective surveillance solution to swiftly detect and act upon market abuse attempts.

SOCIETAL BENEFITS

TurkDEX is the first private exchange in Turkey. It is providing the financial instruments that help citizens and institutions manage market and trading risk. This is a great undertaking as the company has the important responsibility to establish a successful trading platform – in turn expanding



Turkey's economy as a whole.

PROJECT BENEFIT EXAMPLE

The needs of TurkDEX management and the market regulator created an extremely tight schedule to complete the surveillance application. The TurkDEX team delivered the surveillance application on-time with all functionality requested. Through the new surveillance applications, TurkDEX is experiencing many benefits. The effective real-time monitoring provides a simplified surveillance mechanism through pattern detection that identifies market abnormalities. Utilizing the CEP-driven surveillance application creates a reliable, secure trading environment. With derivative market investments and trading volumes increasing, TurkDEX actually reduced the operational cost of its surveillance and trade monitoring. TurkDEX has met the firm's stated objective of creating a fair and honest trading environment, providing a rapid growth vehicle for the exchange.

IS THIS PROJECT AN INNOVATION, BEST PRACTICE? Yes.