



INFORMATION

Location: Toronto, Ontario
 Web site: www.bell.ca
 Industry: Telecommunications

CHALLENGE

Create a streaming financial data application for mobile Windows devices that allows information to be received over a wireless network and mirrors the existing application for iPhone and Blackberry devices.

SOLUTION

Affinity Systems implemented a Windows Mobile client allowing live updates over the wireless network. A streaming protocol was developed that supports low-speed and high-speed connections.

TECHNOLOGIES

- C++
- Windows Mobile 6.5
- STL MFC
- Windows Mobile Winsock

GlobeinvestorGold delivers real-time, streaming financial data, video and relevant Web content over the Bell Mobility cellular network

Bell Mobility, a division of Bell Canada Enterprises (BCE), provides a complete range of innovative wireless communications solutions including PCS and cellular, Web browsing and data, two-way messaging, paging and airline passenger communications services.

BCE and Bell Globemedia Interactive collaborated on Globeinvestor-GOLD, a product that delivers real-time, streaming financial data, video, and relevant Web content to subscribers who view this information using a Java applet. As part of their convergence efforts, BCE approached Affinity Systems to build a version of the GlobeinvestorGOLD client for the Pocket PC, to display streaming financial information over the Bell Mobility cellular network.



Symbol	Last	Chg.	Vol.
ATY-T	17.83	-.40	626K
BBD.B-T	13.95	-.10	4,184K
BCE-T	32.80	.22	1,951K
CM-T	▲50.59	.29	282K
INTL-Q	▲16.64	-.06	159K
MSFT-Q	▲60.47	-1.21	15,361K
NT-T	8.90	-.25	11,154K
ORCL-Q	15.47	-.85	22,640K
RY-T	46.61	-.54	1,401K
SUIIW-Q	▼8.80	-.50	46,003K
TD-T	41.55	-.25	468K

Some quote data delayed up to 20 minutes

OUR SOLUTION

Affinity Systems developed a Pocket PC client for GlobeinvestorGOLD, allowing streaming information to be broadcast and received over a wireless network.

Affinity Systems designed and implemented the complete product, including features such as real-time or delayed streaming quotes (depending on customer subscription levels), portfolio display, intra-day charting, instantaneous alerts, and on-line news.



CASE STUDY



Software by Design

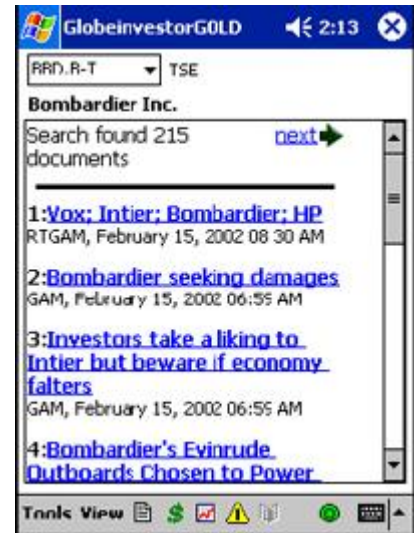


BENEFITS

GlobeinvestorGOLD streams financial data over the Bell wireless network directly to the subscriber's mobile device.

- Online news, portfolio displays, and instantaneous alerts are other features for the application.

We developed a streaming protocol that supports both low-speed and high-speed wireless connections. Finally, members of the Affinity Systems team wrote the user documentation and the installation software for this product.



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