

Delta Quadrant: Horizons. All you need to conquer the galaxy

“When we created this game, it was a small project and we did not expect more than a hundred players. When we decided to publish this game in social networks, we moved our code from Firebird 2.1 to Firebird 2.5, and it just worked for thousands of players, without having to rewrite the code drastically.” – Alexandru Bargan, CEO of Nebuloasa SRL, Lead Game Designer and Lead Programmer of the “Delta Quadrant: Horizons” project.



Company information



Nebuloasa SRL, also known as “DQ Team”, is a small privately-owned company, founded in 2005. It is focused on custom-built flexible IT solutions for other companies, including governmental institutes, TV companies, banks and others.

Business challenge

“Delta Quadrant: Horizons” is a web hosted, turn-based 4X strategy game. It was developed as a “testing ground” for some technologies from the web 2.0 era. It was never intended to support more than one hundred players at a time, so nearly all the game logic (98% of the code) was written in Firebird’s Procedural SQL.

When the company decided to make it available for social networks, we thought we would first have to rewrite all the code using popular NoSQL solutions, like in-memory databases. We also expected to need multiple databases and support for cross-database queries.

“It was a challenge. You have only two choices in our industry – you meet users' needs or you are out of the market. This project was meant to show whether we can use Firebird for social networks or not.” – Sergey Mereutsa, Technical Director of Nebuloasa SRL, Software Architect in the “Delta Quadrant: Horizons” project.



