



**Company:** Net Link Solutions

**Location:** Belgrade, Serbia

**Url:** <http://netlink.rs/en/index.html>

**Industry:** Software development

**Oracle Products & Services:**

- NetBeans IDE
- Java EE
- GlassFish
- Java Server Faces
- EJB 3.1
- JPA 2.0

**Related Software:**

- PHP
- Subversion

## NET LINK SOLUTIONS

*"NetBeans IDE provides everything we need out of the box. Its out-of-the-box experience for Java EE development is easy for us to set up and get started using right away. NetBeans IDE consistently allows us to quickly introduce new technologies into our development team."*

### Executive Summary

NetLink Solutions is a web development company and e-commerce provider. It is specialized in e-commerce and artificial intelligence development, with over five years of experience in these fields.

### Organization

Net Link Solutions has its development team primarily focused on Java and PHP software development services.

### The Business Issue

Net Link Solutions provides development, hosting, and support services to their clients, consisting of online shops, including the largest regional retail electronic shop.

The shops have the same code base, together with custom features specific to the client's business. Net Link Solutions needs to be able to manage, develop, test, and deploy client sites efficiently and coherently.

Simultaneously, the Net Link Solutions team is moving to Java development with Java EE6, together with the development of open source B2B solutions that use JAXB and RESTful Web Services.

### Key Challenges

- Migrating to Java EE from PHP.
- Introducing new tools and practices to developers.
- Maintaining existing software products and services and development of new software products.
- The need for simple integrated solutions, familiar to developers.

### Solution

- While evaluating and using NetBeans IDE for PHP development, Net Link Solutions considered NetBeans IDE to be the best available PHP IDE.
- Net Link Solutions particularly values the NetBeans IDE PHP project management features and its integration with the PHP debugger "xdebug", as well as the NetBeans tools for PHP Unit tests and the ApiGen tool for generating documentation.
- Net Link Solutions uses custom code templates, created via tools in NetBeans IDE, to generate PHP classes and HTML templates based on a custom PHP web framework created by Net Link Solutions.

- Net Link Solutions uses NetBeans IDE to create custom code snippets for querying databases and for handling controllers, which speeds up their coding processes and helps ensure their code complies with their adopted team standards.
- Net Link Solutions is happy with Subversion integration in NetBeans IDE. They have found that it functions smoothly when working with many files, unlike in other IDEs that the team has tried to use. It provides all SVN actions and features needed, such as merging, diffing, conflict resolution, switching, and change history.
- The team has found that NetBeans IDE provides a rich user experience for the Net Link Solutions team since everything they need is available out of the box, including code templates, code generators, version control tools, debuggers, and documentation tools.
- Net Link Solutions has found that NetBeans IDE provides many code generators and templates for creating and managing Java EE artifacts, such as entity classes, session beans, and Java Server Faces pages.

### Business Value

- The Net Link Solutions team considers NetBeans IDE to provide everything they need out of the box. They do not need to invest in new tools, which saves time and helps the team focus on business requirements of their clients rather than on the tools and technologies used.
- Ease of use of NetBeans IDE enables the Net Link Solutions team to introduce new technologies quickly and use the same development environment intuitively with new technologies.
- The Net Link Solutions team is happy that NetBeans IDE provides a strong out-of-the-box experience for Java web development. This makes it easy to set up their development environment and start using it right away.
- The Net Link Solutions team is looking forward to learning and using new Web components, such as those provided by PrimeFaces, since PrimeFaces is included out of the box in NetBeans IDE. The team expects that PrimeFaces will give their applications a professional look and feel.

### Credits:

Zoran Sevarac