



NPSystem Ltd.

Introduction

Who we are?

NPSysSystem Ltd. was founded by three Hungarians who continue to own the company. Our principal activity is the creation and implementation of IT solutions for our customers. These solutions include design, development, and maintenance of software and hardware components, as well as customer support. Every one of our solutions is unique; each one is tailored to our clients' needs. We create the final product only after multiple rounds of consultations with our client and a thorough needs assessment.

We are constantly honing our own professional skills, and target these skills to helping our clients transform their vision into reality. After assessing client needs, we design a package of services to meet them. We measure success in terms of the customer's satisfaction.

Our work is characterized by reliable quality, effective teamwork and flexibility. Our employees are chosen for their commitment, creativity, and problem-solving abilities, ensuring that we provide our satisfied customers with the cost-effective services they expect. We provide services through both sub-contracting and outsourcing.

We are committed to traditional standards of service provision, even while using modern arrangements such as telecommuting and remote services. The ability to work anywhere increases our availability and flexibility, while saving money for our customers.

Services

- **Application development**

Our company delivers ready-to-use IT solutions..

We do more than just solve the immediate IT issue. We take a step back and examine the whole context of the business, in order to design a competitive, cost-effective solution for our client.

At our company, we don't begin our projects in a vacuum. We identify synergies and look for building blocks based on existing solutions that can be used to advance the current project. We find ways to integrate our solutions into the client's existing systems and infrastructure.

- **IT consulting and project management**

We have a strong track record in systems integration, and have completed many such projects successfully. A key feature of our success, in addition to high technical standards, is our ability to manage IT projects professionally. We have the expertise to coordinate large-scale IT projects involving multiple teams and sub-contractors, and to carry out all associated documentation and administration.

- **Outsourcing**

Subject to availability, we are ready to serve on IT projects as sub-contractors or within an outsourcing arrangement.

Our employees are known for their professionalism, integrity, and constructive approach. We tackle every task with the right attitude: "How can we solve this issue?" (not "Why this will be tough to fix.")

When working with other developer teams, we emphasize a project-based approach and careful documentation of our progress.

- **Programming for mobile technologies**

We deliver solutions for iOS, Android and Windows Phone platforms alike: from mobile-optimized websites to customized mobile applications.

The key to a successful mobile app, whether for iOS or Android, is to meet the user's needs: after all, the app is created for them. Any app that doesn't consider the particular requirements of mobile users will probably fail.

With every mobile-based project we undertake, our overriding goal is to meet the needs and respond to the feedback of those who will actually use it.

- **WEB developments**

Our engineers have extensive experience in developing online systems, ranging from websites and powerful portal systems to ERP and CRM systems.

The technologies we employ and the skills of our developers are our best guarantee of project success.

Some of our focus areas:

- Web-based administration systems
- Corporate websites
- Portal systems
- Webshops and e-commerce
- Content management systems
- Programming for social media (e.g. Facebook)

- **Corporate Profile, Search Engine Optimization, Web Marketing**

Our approach begins with market analysis: we identify the client's potential competitive advantages based on cost-benefit analysis. Next, we prepare a plan, provide recommendations, and manage our client's marketing campaign, all with the goal of increasing the value of their online presence.

Our Search Engine Optimization (SEO) services include: keyword analysis, click-based advertising, link-building, identification of related content, website implementation, report generation, creation and management of web content, and web analytics.

- **Implementation, Maintenance and Remote Monitoring of Office Computer Systems**

Our company plans and implements computer networks (optical, copper cabling, wireless systems) both within buildings (LAN) and wide area networks (WAN). We also recommend computer configurations, integrate them into the network, and install and maintain the software.

Using network structures built to exceptional technological standards, we deliver high performance and uninterrupted communications for maximum customer satisfaction. We design the system to fit into the client's existing technological and cost environment.

- **IT Security and Private VPN**

Minimizing IT security risk is a growing priority for businesses. VPN and proper access controls help firms ensure that their data is safe and can be accessed securely.

Our company provides a full range of services to build and maintain optimal, customized IT security systems for any firm.

- **PBX, IP-PBX**

We provide PBX solutions and customized call center and contact center systems for small, medium and large companies alike.

Software technologies

- **Software development tools**

When choosing development tools, we consider a variety of factors specific to the current project: cost effectiveness, documentability, quality and security standards, long-term viability, and potential for further development. Our attention to all these aspects enables us to respond effectively to practically any challenge, and to identify the optimal set of technologies.

- **Operating systems**

We have wide experience in a variety of operating systems. Open Source technologies are popular among internet-based service providers, while the corporate world tends to prefer the more expensive, more professional solutions. Thanks to our many years of experience in the field, we are well acquainted with both approaches.

We have successfully completed projects on Linux and Microsoft Windows platforms. We also have experience in programming for Sun Solaris, HP UniX, OS/400 and z/OS systems.

Mobile technologies are taking the world by storm: in this realm, we are highly experienced in Android and iOS systems.

- **Programming languages**

When it comes to programming languages, our team is truly professional. Most of our experience is in Java and C. Other languages we work in include PHP, .NET, C#, and Delphi.

- **Application servers**

A major challenge in recent years comes from the fact that humanity is constantly pushing the limits of scientific and technological performance. As these limits expand, the design of high-quality IT systems requires increasing professional knowledge and foresight.

With the introduction of distributed [partitioned?] systems, application server architecture has expanded to include cluster solutions, alongside systems based on a large central application server. Our team is familiar with both environments. In our experience, server architecture is one of those areas of IT in which knowledge of the subject is necessary, but not sufficient: experience is crucial! We are proud to say that we have this experience, and the capability to build even very large-scale systems.

- **Framework Systems**

We are at home in the world of framework systems, from Microsoft's .NET to various Java-based web frameworks such as GoogleWebToolkit, Vaadin, and JavaServer Faces.

- **Databases**

We have a wealth of practical experience in working with relational and hierarchical data management approaches. We have used both models to set up large-scale databases to handle large quantities of interrelated data.

We develop our database systems using Oracle Database, MySQL, PostgreSQL and MSSQL. We are also regular users of NoSQL systems such as MongoDB and Apache HBase. For managing hierarchical databases, we are familiar with LDAP and the various VSAM-based solutions.

References

- **FreeStart Kft.**
INTERNET SERVICE PROVIDER
Design of the entire ISP IT infrastructure. Development of portal system and webmail system. Development of customer support system and online sales system.
<http://www.freestart.hu>
- **Externet Kft.**
INTERNET SERVICE PROVIDER
Development of corporate management system. Development of portal system and online sales system
<http://www.externet.hu>
- **NetFone Telecom Kft.**
TELEKOMMUNICATION
Design and development of the entire telecommunications infrastructure. Development of corporate management system. Development of call center and portal system.
<http://www.netfonetelecom.hu>
- **HuCom Kft.**
TELEKOMMUNICATION
Design and development of the entire telecommunications infrastructure. Development of corporate management system. Development of call center and portal system.
<http://www.netfonetelecom.hu>
- **MobilHáló Kft.**
MICROFRENCHISE
Development of corporate management system. Development of sales system for cellular phone services.
Development of portal system and microfranchise network
<http://www.mobilhalo.hu>