

Digimia LLC

High Quality Systems Development

Lakewood, NJ 08701
(732) 806-7898



Digimia Solutions develops reliable, total system solutions in record time. Our primary expertise is in building large-scale, real-time, fault tolerant, on-line systems and integrating diverse legacy systems, primarily for the telecommunications sector. We also have experience in designing and developing products and services for the home consumer market.

Technologies

Languages: PHP , JavaScript, Java, C, C++, Perl, TCL, Expect, Unix Shell and toolset, VB.Net, Assembler for various machines

Web: Apache, CodeIgniter, jquery, jquery-ui, Tomcat framework, http, https, HTML, XML, XHTML, CSS, WSDL, Ajax

Databases: MySQL, Oracle, PostgreSQL

OS: Linux, Sun OS, other *ix variants, Mac OS X, Windows, proprietary real-time kernels

Networking: TCP/IP, UDP, SSH, SMTP, NTP, SOAP, SNMP, Sockets

Telecom: ISDN, SS7, various T1 trunking protocols, SIP, H.323, MGCP

Cloud Computing: Single and Multi-Zone deployments

Infrastructure: Firewalls, Routers, Switches

VoIP: Asterisk, SIP

Capabilities

Our team is able to quickly define system architecture, develop, test and deploy working software. We developed and deployed the world's first PC to Phone service in 7 months, and the first hosted Cable Telephony service in approximately the same time frame, making us world class experts in VoIP. At the end of 2007, we developed the initial version of the Digimia Home Information Appliance in even less time, using modern web server and browser technologies.

Our vast experience allows us to be leaders and not just managers. In addition, our deep technical expertise allows us to be contributors as well. We strongly believe in getting version 1.0 of a project out quickly allowing us to continually revise, test and refine the product.

Aside from the technical expertise of the leaders and personnel on our team, we are able to quickly grow and manage the team and projects, allowing us to meet tough deadlines and budgets. We can supplement our team on short notice with people that we have previously worked with, making it easy to keep projects moving quickly and efficiently.

Background of the company team

Beginning with a group of only three people led by Yaakov (Jeff) Goldberg (CTO and Chief Scientist), Chaim Ackerman (V.P. R&D), our team designed, programmed, deployed and operated the first commercial PC to Phone service in the world – Net2Phone. Net2Phone grew to about 700 employees. At various times prior to that, the team members had been employees of Bell Labs, where they acquired knowledge of large-scale, real-time, fault-tolerant communications systems. Using that knowledge and years of experience, they created world-class software and an international network including:

- True 24x7 operations including zero down-time migration through various operating systems, databases, networks and hardware
- Call Processing
- Voice call flow interpreter
- Real-time billing and balance management
- E911 provisioning
- Interfaces to existing customer care, provisioning and billing systems (e.g. CSG)
- Real-time system monitoring and control (OA&M)
- Real-time provisioning
- PC application software
- Real-time, fault-tolerant inter-process communication
- VoIP gateways
- VoIP protocols
- Data Mining
- Credit-card processing
- On-line web-based account management
- Automatic fraud detection
- Click to Talk outsourced service
- Large scale voice conferencing systems with web-based control

In addition, our team designed, deployed and operated a world-wide network for voice and data, with least cost routing and automatic network failure management and hitless upgrades. Operations included voice and data network design and build-out.

To see how Digimia can help you, contact info@digimia.com or call (732) 806-7898