

Boshu Software Services Pvt. Ltd. – A Profile

Boshu started operations in 1990, and initially concentrated on software development for export primarily to Germany and Switzerland. The company is headed by Mr. S. K. Basu, an Engineering graduate from the University of Glasgow, UK, who had earlier worked with IBM in India for 18 years and later co-founded IDM, in which he was a Director for 11 years.

The company obtained software development project business from several German companies and a major Swiss company. Most of the software development was carried out by Boshu Engineers at its office and implemented at client site, and some of them entirely at client site. The Swiss Company had consigned their equipment and sent a Project Manager to oversee and guide the development effort. A German Company used Boshu's facility as their back office for development of a module for SAP, namely the EHS (Environment Health and Safety) module.

Some of the projects carried out: For International Customers.

- ❖ ***For a large Software House and Patent related Applications Software-cum-Hardware Company based in Bonn, Germany***
This customer, who also have their own DOS-based Patent Info Management Software Product, entrusted us with the task of converting the same to Windows, incorporating several enhancements. This project was carried out in phases.
- ❖ ***For a South Germany based Software House***
For three years, Boshu had carried out software development work for this company on diverse GUI and database platforms. The last two projects were executed simultaneously at Boshu's development facility in Bombay on Java and on C++ /VC++ platforms.
- ❖ ***For a Software House based at Korschenbroich, Germany***
This German company was engaged in development and marketing of Multimedia based CBT (Computer Based Training) Products. Boshu's WINDOWS and VC++ experienced developers have carried out development work on different modules of the products and also low-level tools for software solutions to Video Graphics requirements.

Boshu had also carried out for the same customer, development of a real-time digital video image Compression / Decompression software.
- ❖ ***For a Basel-based Swiss Software House***
Boshu participated with this Software House on development of some modules of their integrated ORACLE / FORMS-based ERP product on SUN Workstations. A team of Boshu developers worked with the Customer's Project Manager at our location. The customer had consigned their Hardware and Software to us for the duration of the project. In addition, Boshu's personnel worked at the customer's Switzerland Office. The duration of the project was 15 months.

- ❖ ***A Cologne-based Software House in Germany***
This customer had a commercial application software product for the Insurance Industry on VMS/Rdb/COBOL and was desirous of moving the product to UNIX/INFORMIX/COBOL platform. Boshu developed for them a Filter to convert the product from VAX/VMS/Rdb to UNIX platform under INFORMIX RDBMS. Using this Filter, the customer could achieve conversion of almost 90% of the codes. This step helped the customer to port his VAX/Rdb based product to UNIX in a much shorter time – with considerable savings in cost.
- ❖ For the last six years, we have been providing IT-enabled Services to a USA-based company engaged in compiling and distribution of Ethnic News to the many different Ethnic groups in USA.

Some of the projects carried out: For Domestic Customers:
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- ❖ **A major Company in the Publications Media business**
Boshu's team designed and developed the front-end to a RS6000/AIX/ORACLE-based Interactive Voice Response based Fax-on-Demand and FAX Broadcast software project for a major Indian company in Media business. The back-end was designed and developed by IBM, UK.
- ❖ **A major Power Generation Company:**
A customer of ours, a very large Power Generation Company, wanted DigiOffice 2000 to be linked to their Compliance Management System. We carried out the customization and delivered to the customer.
- ❖ **Large Mutual Fund Processing Company:**
A large, as a matter of fact the largest, Mutual Fund company of India and a DigiOffice 2000 customer of ours wanted to modernize their current system of their data entry vendors providing them the data and the signatures on the forms separately for uploading in their database. We provided them with a DigiOffice 2000 based utility that smoothened the process, permitting our customer achieve a quantum leap. Through use of the web version of DigiOffice 2000, the customer's branches located in different cities can search and view the required documents, and if need be and authorized, write into the repository.
- ❖ **For a Naval Training College:**
A DigiForms customer of ours, a Naval Training College, wanted the Applicant's data, signature and also colour photograph to be captured in one scan and stored in the ORACLE database. Now, DigiForms does not support colour and the need to capture the colour photograph along with the signature and the data in the same pass through the Scanner posed a challenge.

The task was successfully carried out and DigiForms was enriched to incorporate in the database table, colour photographs along with the signature and data.

❖ **For the Marketing Division of the largest composite Company in the Publications Media Business.**

Our team designed and developed a web-based system for online booking of advertisements for the local as well as international print media. The system was designed in Java with Oracle as the backend database.

❖ **A Large FMCG Company**

In order to improve the efficacy of their survey, this company decided to launch a web-based survey, to allow their respondents to fill in their responses on-line. The system was developed by our team in HTML, ASP, VB Script and JavaScript, the back-end database being SQL Server 7.0. Two surveys have been carried out, with more to follow.

Our Software Development Expertise

We undertake development of software on a turnkey basis. However, where the specification / customer requirement is not fully defined and is likely to change frequently, our offer will be to carry out the work on time-and-material basis at a fixed hourly rate.

Our software development expertise is in executing projects on the following platforms:

Languages	C, Java, C++, Visual C++, Visual Basic
RDBMS	Oracle, SQL Server and other SQL Databases
Operating Systems	Windows NT/2000, Windows 9x,
Tools	PowerBuilder, MFC, OLE
GUI	MS-Windows, Windows 95, Visual C++
Special Tools	Specialized Imaging and Text-Database Applications
Internet Programming	Java Application, HTML Programming, Internet Database Applications, Java/CGI Programming/VB Scripting/Active Server Pages, Servlets, Enterprise Java Bean Components

Products

In the course of developing projects for our customers, we identified the need and started development of a Document Management Software. Today, through the continuous efforts of the software team, we have one of the best Document Management Systems to offer to Indian and international clients, that is, **DigiOffice 2000™**. The Document Management System offered by us is one with powerful indexing and retrieving features with multiple level security and also incorporates Workflow. The Web version of DigiOffice 2000™, due for release in April 2001 enables an authorized remote user to access, view and write into the central repository.

Boshu simultaneously worked and built another product. This product, **DigiForms™**, is for automatic recognition of hand-filled characters in a form using a Neural Network

based ICR engine. Once the data is recognized and verified it is put into an ODBC compliant database (alongwith signatures from the image, if required) for further processing.

Industries using Boshu's software products:

Banking Industry
Electronic Appliances Industry
Utilities Industry
Market Research Organizations
Cement Manufacturing Industry

FMCG Industry
Health Care Industry
Oil Industry
Mutual Funds

Cost Savings

Users of DigiOffice 2000™ and DigiForms™ stand to gain substantially - both Tangible and Intangible gains. In fact, cost of the product is recovered in less than 12 months through the tangible savings alone.

BOSHU - The Company You Can Count Upon!

BOSHU SOFTWARE SERVICES PVT. LTD.

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