


Enterprise Products and Solutions in Mobile Computing and Internet Arena



VarIT Information Technology Pvt. Ltd. founded in 1999, is a provider of Internet based enterprise products and services with a focus on mobile computing. Headquartered in Minneapolis, MN VarIT Inc. has a software development center, VarIT Information Technology Pvt. Ltd. (VIPL) in Pune, India.

VarIT specializes in the following development areas

- ◆ Mobile computing solutions: For handheld devices like Palm/Pocket PC/Smartphones
- ◆ Web based solutions
- ◆ Full product life cycle support: Development, documentation, enhancement and on going support

Enterprise Solutions From VarIT

We recognize the need for simple, common sense technology solutions. At VarIT, we listen to our customers and create solutions that minimize their downside risk while maximizing the usefulness of the solution.

Mobile computing solutions

Logistics Management (USA) : This solution is an extension of desktop-based logistics management solution to field operations using Barcode Scan enabled Palm devices. This solution allows the field staff like, truck drivers, hub workers to scan the barcodes provided on the boxes and update the data to the main server using wireless or the wired network. By deploying this solution the logistics management company can track each box for its status and custody right from warehouse till the final destination.

Handheld platform	Palm OS 3.5, Symbol SPT 1800
Backend	SQL server2000.
Development tools	Mobile VB (3.1 Appforge), CDK4.3 (Conduit development kit), Microsoft Visual InterDev 6.0.
Languages	VB 6.0, VC++, HTML, Java Script and ASP 3.0
Total man months	6
Elapsed time	2 months

Sales Leads Capture (USA): It is a customer acquisition system designed specifically for use by exhibitors at trade shows and industry events. It allows exhibitors to capture, qualify and measure sales leads quickly and easily. Using Pocket PC devices with magnetic card readers, barcode scanners, and camera, booth staff can swipe or scan an attendee's badge and enter responses to lead qualification questions directly onto the PDA. The reports generated from the data uploaded from PDA to the web site can be seen by the trade show participants.

Handheld platform	PocketPC 2002, WinCE (3.0).
Backend	SQL server2000, SQL Server CE edition 2.0
Development tools	Embedded Visual Basic 3.0, embedded Visual C++ 3.0, Microsoft Visual InterDev 6.0. Crystal Report 8.0, Life view SDK, Bar code SDK.
Languages	Visual basic, Visual C++, HTML, Java Script and ASP 3.0.
Total man months	14
Elapsed time	5 months

G2 Guide, Mobile Trade Show Guide (USA) : G2Guide is a mobile application that provides trade show attendees detailed event information on their personal handheld devices. Easy to use and rich with features, G2Guide gives attendees instant access to complete trade show information including: exhibitor lists, scheduled events, business services, interactive floor plan maps, news alerts, city maps and more. G2Guide also features a robust advertising module. The fair ground maps (CAD – DXF) are displayed on the Palm which can zoom in/out or panned. The desktop component of G2 Guide allows the user to enter data and create a PDB for Palm application.

Handheld platform	Palm OS 3.0
Desktop	VB 6.0, VC++ 6.0, Microsoft Access
Development tools	Code warrior 6.0 IDE for PalmOS, Visual basic 6.0.
Languages	C, C++, and Visual basic.
Total man months	14 months.
Elapsed time	6 months

Palm Agent, Remote Tester (USA) : PalmAgent is a Remote Monitoring and Testing tool for Palm Applications. It is developed for testing professionals to automate common testing procedures like Stress Testing, Functional Testing etc. It comprises of a Palm application for testing the scripts on an application under test. Palm Agent is specifically designed and developed for Palm OS 5.x devices.

Handheld platform	Palm OS 5.x
Backend	None
Development tools	CodeWarrior v9.2
Language	C
Total man months	5
Elapsed time	2 months

Mobile Sales Automation (USA) : Mobile Sales Automation is an end to end solution targeted to the mobile field sales staff. The solution consists of a back end system for data storage, configuring business rules and creating management report generally located at the head office of an organization and the PDA based application in the hands of mobile field sales staff that communicates with the backend via Bluetooth. The PDA module allows the field staff to efficiently perform its day to day operation like creating pick lists, stock replenishing, creating and printing invoices, scheduling of sales calls.

Handheld platform	Pocket PC 2003
Backend	SQL Server
Development tools	Microsoft .Net Environment
Language	C#
Total man months	10
Elapsed time	3.5 months

Biometric Fingerprint Recognition (USA) : IBID is a security application for Pocket PCs and tablet PCs. It expands the security system from a single password to multiple users with biometric fingerprint verification as well as optional password verification. Biometric verification is achieved by comparison of fingerprint templates created by the handheld ibid capture device and fingerprint templates stored on the handheld. Handheld interfaces with a handheld biometric device via Infrared in order to authenticate users based on their fingerprints.

Handheld platform	WinCE 3.0
Backend	Win 2000
Development tools	Embedded Visual Tools 3.0 & PocketPC 2002 SDK, Visual Studio 6.0
Languages	eVC++ 3.0, VC++ 6.0
Total Man months	10
Elapsed time	5 months

V-DRAW : V-Draw is a product of Var/IT Inc. that enables CAD/GIS drawings to be integrated with your business database on handhelds, resulting in enhanced handheld applications and more productive, accurate, and better informed field staff. It supports scroll, zoom in/out and tap on the map to get more specific information from your enterprise database. Selecting field data can bring up a map or drawing pinpointing the location and surrounding details. V-DRAW supports numerous maps, drawings in DXF and other popular formats.

Handheld platform	Palm OS 3.5
Development tools	Code warrior 6.0 IDE for PalmOS, Visual basic 6.0, AutoDesk Whip toolkit for Vr2. (A set of C APIs for reading Vr2 file)
Languages	C, C++, and VB 6.0
Total man months	6
Elapsed time	3 months

Web based solutions

Electronic Data Capture for Clinical Trials (India) : Contract Research Organizations (CROs) involved in pre launch clinical trials of new drug molecules, follow a Pen and Paper based data capture system to collect the patient data during clinical trials. An electronic data capture solution from VIPL is a web based module specifically designed for all the participants of the trials such as investigators, trial monitors and trial administrators. Use of electronic data capture system has helped the CROs in, shortening the time period of clinical trials while increasing the accuracy of data captured and thus eliminating the time and effort spent in data cleaning.

Platform	Oracle 9i
Development tools	Microsoft Visual InterDev 6.0
Languages	ASP
Total man months	4
Elapsed time	1 month

Internet based Bill Payment Portal: Using this web based solution; service providers like Utilities, and Telephone companies can upload the client's statements on this web site and allow their customers to pay the bills on-line.

Net based Stock Trading System for a Stock Brokerage House: This benchmark project done by VarIT (Formerly Creative Interactions Pvt. Ltd. allows customers of a brokerage house to trade stocks, monitor alerts, get real time quotes and transfer funds directly on the Internet

Web based Proactive Support Solution: This solution enables equipment manufacturers to give proactive support to their clients. The equipment supplier can analyze the behavioral trend of the equipment and can initiate corrective measures to avoid imminent faults.

Team

The promoters of VarIT have over 15 years of experience in software development, business management and have domain knowledge of various businesses. With this unique combination of ability and knowledge, VarIT can furnish "Practical Solutions at Fair Price"

You can look forward to a team of 10 software professionals at VIPL. They typically have a software development experience of 3 to 4 years. Majority of the developers are Engineers and have masters in Computer Science/Management. Project managers have experience levels of more than 5 years as team leaders.

Skill Set

Mobile Computing	
Handheld platforms	Palm, Pocket PC, Smartphone
OS	Palm OS, Win CE, Symbian OS
Languages	C, C++, C#, VC++, eVB, eVC, HB++, Mobile VB, J2ME
IDE	CodeWarrior, Appforge, CodeWarrior wireless studio, Visual Studio, Microsoft .Net Environment
Communication Interface	Serial, IrDA, Bluetooth, Wi Fi

Desktop / Server	
Server	Internet Information Server
Database	Oracle ,SQL server, MS Access
Languages	C, C++, VC++, VB.Net, C#.Net, ASP .Net, Java, XML
Internet Languages	HTML, DHTML, ASP
IDE	Microsoft .Net Environment, Visual Studio, MS Frontpage
Protocols	TCP/IP, SOAP, FTP

The Infrastructure

- ◆ Communication: 24 hr. Cable Internet Connection
- ◆ Hardware: IBM PC compatibles.
- ◆ Back up power supply for all the computers and the peripherals.
- ◆ The company has built a network of consultants and subcontractors to offer a value addition to the customer in terms of appropriate domain knowledge.
- ◆ The company is located in a commercial complex which is in a area where most of the IT companies have their offices.



Why VarIT?

Experienced solution provider in Mobile Computing and Internet arena

*Solutions provided by VarIT are up and running.
100 % Satisfied clients.*

Understand usability issues

User-friendly screen design. So no user resistance.

Suggest right architecture, hardware

Increased ROI on the solutions

Successful implementation of solutions involving different technologies

Wireless Syncing

Voice capturing

Interfacing with Bar code scanners, Magnetic card readers, printers

Integration of CAD drawings and Maps with PDAs

*Giving you the Proven and
Cost effective solutions on time !*



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