



Vertex Systems Limited ■

15, Link Road, Maduvankarai
Guindy

Chennai - 600 032, India.

Tel.: +91 44 2255 1917, 2255 1918

Fax: +91 44 2255 1900

www.vertexit.com

sales@vertexit.com

Vertex Promoters

Promoted by a well known Indian business group, **Poddar** and a technocrat with more than **20 years** of senior management experience

The group has more than **50 years** of business experience engaged in manufacturing, trading and other services

Operations spread across various parts of **India**

Vertex Advantage

Qualified and motivated team of **Software Professionals**

Skills in developing **multilingual (German, Dutch, French)** IT solutions with a panel of translators and interpreters

Ability and experience to carry out assignments **on site** and **off shore**

Flexible infrastructure to work online by **remote logging** on to the client's system

Regular training on **German** by full-time German Instructor

Dedicated **Quality Assurance** team with systems and procedures

Vertex Alliances

Tie-up with **Indian Institute of Technology (IIT)** Madras, a premier higher technical institution, under the **Industrial Associates Programme** for collaborative work in Mathematics, Engineering and Computer Science

Vertex Consultants

Prof. Dr.H.N.Mahabala, former faculty member of Computer Science M.I.T, Cambridge, Mass., USA and Retired Professor of Computer Science and Dean of Industrial Consultancy, IIT, Madras.

Prof. Dr.N.Sivaprasad, former faculty member of IIT Madras in Geometric Modelling, Finite Element Analysis etc.,

Services

- Consultancy
- Off Shore and on site Development
- Implementation and Training
- Sourcing and Placement of IT Professionals

Software Development

Technologies

- Client Server
- Groupware
- Mainframe
- Midrange
- Multimedia
- Web Development
- Web Enabling and System Integration

Products

- CAM - Computer Aided Manufacturing
- CAD - Computer Aided Designing
- Plantation Manager
- Reseller Management System
- Project Management System

Client Server

Our consultants will help your organization to navigate through complex issues of client server technologies

We help you to analyse your business today and give you powerful and effective solutions for the future

Our client server team is experienced in **Oracle, SQL Server, My SQL, MS Access, Visual Basic** and **Crystal Reports**

Projects Completed

Strategic Resource Planning a software tool for a multinational manufacturing company in **Germany** used to match and optimise th existing manufacturing resources

Client Management System a CRM application for a multinational law firm in **Germany** to analyse their client details and their requirements

Groupware

Dedicated team of professionals to help you in consulting, developing and deploying groupware solutions

Vertex has experience in consulting, developing, deploying and maintaining groupware applications using **Lotus notes** and **Domino** based technologies

Projects Completed

Travel Report Application a group ware application for a multinational manufacturing company in **Germany**

Mainframe

Vertex is dedicated to help organisations to maximise their mainframe resources by successfully developing, implementing and maintaining their applications

Our Mainframe consulting team has experience in **S/390, DB2, COBOL, PL/1, MVS** and **JCL** and in tools like **Panvalet, Xpeditor**

Projects Completed

Enterprise Resource Planning - Our team of consultants have successfully completed on site Mainframe maintenance work for a multinational manufacturing company in **Germany**

This team will undertake the maintenance work for the same client by **logging** on to their server from **India**

Midrange

Vertex is specialised in developing and maintaining **AS/400** applications

Our team has extensive experience in developing and maintaining an ERP application in **RPG/400, CL/400** and **DB2/400**

Projects Completed

Enterprise Resource Planning - Customised and developed of an in-house multi location ERP application in English and Dutch with "**Euro**" currency conversion, for a multinational aluminium extrusion company in **The Netherlands**

Worked online from Chennai (Madras) in the client's AS/400 server in **The Netherlands**

Multimedia

Our creative team specialises in creating effective **Corporate Presentations, Interactive Web Sites, Product Catalogues, Virtual Walkthroughs** (Virtual reality), **Instructional Tools, Streaming Media, Corporate Identity** (Logo Design, Brochures, Screensavers, etc.,)

We employ the best of the Multimedia tools like **Flash, Director, Dreamweaver, Photoshop, Illustrator**, etc., from **Macromedia** and **Adobe**

Projects Completed

Kreative Modellwerkstatt - an online custom **Chair Modelling** for a software company in **Germany**

Streaming Video - an online **Instructional Video** Application using Streaming Video technology

Virtual Reality Application - an interactive walk through of **Vertex Development Centre, Chennai** (Madras)

Interactive Games - Edutainment and **Interactive Games** for a consulting company in **UK**

Web Development

We strive to create sites that are dynamic, appealing and informative by our ability to turn abstract ideas into reality

Our web development team is proficient in the technologies and tools like **Java, JSP, Java Servlets, Java Scripts, EJB, PHP, ASP, XML, HTML, DHTML**, and **IBM Web sphere, Visual Age for Java, Lotus Notes** and **Domino**

Projects Completed

Tender Processing and Awarding System - an e-business portal for a consulting company in France. Our team developed the core application and implemented it at the client's site in **Paris**

Outsourcing Management System - for an IT consulting company based in **Berlin**

German Consulate Chennai (Madras) - web site for the German Consulate Chennai (Madras), **India**

Product Catalogue System - an application for a saw manufacturing company in **Germany**

Content Management System - an easy to use system for managing web sites using both **ASP** and **XML**

Web Enabling and System

Integration

Vertex can help you in web enabling your legacy systems and integrating your application using latest technologies **My SQL, MS Access, Visual Basic** and **Crystal Reports**

Products

Products

CAM - Computer Aided Manufacturing - designed and developed a CAM tool by applying an elegant mathematical method for concentric tool path generation for pocket milling in CNC machines for a software company in **Germany**

CAD - Computer Aided Designing - designed and developed a CAD application for creating Engineering drawings for Milling and Turning with ease

Plantation Manager - an enterprise wide application for **Tea** and **Cardamom** Plantations

Reseller Management System - a web based application helps the reseller and end customers in supporting and purchasing activities respectively for a given product

Project management Tool - a web based application developed to bring co-ordination between the geographically distributed development teams and management team

Software Development

Life Cycle

A typical software development life cycle carried out by vertex is given below

- > On site System Study
- > Approval of Specification Document by client
- > Project Estimation
- > Design Analysis and Application design
- > Coding and Review
- > Testing
- > Installation and user acceptance
- > User Manual
- > Training and Maintenance
- > Project Review
- > Sign Off

Quality Assurance

Quality **conscious** employees

Quality procedure according to International Standards

Steps taken to get formal international certification for Quality Assurance

Dedicated **Quality team** monitors and checks regularly the processes and procedures

Documentation and analysis of procedures and results for continuous improvement

Regular training of employees on "**Quality Improvement**"

Security

All Hardware supplied by reputed manufacturers

Fully networked environment, with appropriate rights to authorised personnel

Routers, **Firewalls** and Servers for secure access to Internet

Latest **Anti-Virus** Software

Regular backup for data and source code

Suitable **Non Disclosure Agreement** protects the interest of the clients

Expertise

Technologies	Main Frame, Mid Range (IBM AS/400), Web Development, Client Server, Group Ware, Multimedia, System Programming
Languages and Tools	PL/1, S/390, DL1, Panvalet, Xpeditor, COBOL, MVS, JCL, RPG/400, CL/400, Java, ASP, XML, HTML & DHTML, JSP, Java servlets, Java Scripts, EJB, PHP, IBM Web sphere, Visual Age for Java, Lotus Notes and Domino, Visual Basic, Developer 2000, Crystal Reports, Director Shockwave, Flash, Dreamweaver, Visual C++, C++ and C
Databases	DB2, DB2/400, Oracle, MS SQL Server, My SQL, MS Access

Opportunity and

Challenges

There are opportunities and challenges in venturing into new areas

The wise and successful are the ones who seize the opportunities and overcome the challenges

The opportunities are evident :
World class skilled Human Resources in India at competitive cost

The challenges are equally evident : Distance, Communication and Language

With the Internet and increasing bandwidth the distances have shrunk and the communication is almost instantaneous

Indians are basically multilingual and are skilled in learning new languages. Meanwhile english, known to Germans and Indians, should bridge the gap

Commitment and

Future Plan

Vertex Systems Limited is a professionally managed organisation

Committed for **Long-term presence** and **Growth**

Plans to open more support centres and offices in **Germany, UK and Canada**

www.vertexit.com