

# Modular InfoTech Pvt. Ltd.

## Company Profile

**Modular InfoTech Pvt. Ltd.** is a private limited company, established in 1983 by a group of engineers having a strong R & D background. Modular Infotech is located in Pune, which is about 2 hours journey by highway from Mumbai (Bombay). The well known TVS Group with US \$ 2 billion turnover is strategic partner in Modular Infotech through TVS-E Limited.

Modular Infotech in its early days developed test equipment for an Indian Defense Establishment, doing import substitution. Modular made pioneering efforts in developing a totally indigenous microprocessor based CRT phototypesetter. Modular Infotech made a niche for itself in the DTP market by developing software packages for the DTP segment. Modular Infotech has pioneered in developing the largest library of Indic fonts in the world, of over 2700 Fonts for the 10 Indian Languages and also Arabic, Sindhi, Russian and Sinhala. Modular Infotech has expertise in developing the fonts in Open Type Font Technology.

Modular Infotech has three software products with a combined user base of over 200,000 users all over India and abroad.

**Shree-Lipi** is the script processor for Indian Languages and a collection of Fonts and Utilities. This is Modular Infotech's flagship product. Shree-Lipi enables many of the software packages running under Windows platform to work in local languages, and in a variety of Fonts. Shree-Lipi, first developed in 1992, is in its version 6.0 as of today and has a vast number of features and supports many packages with their latest versions. Shree-Lipi is available for Linux platform as well. Associated product with Shree-Lipi is the software localization toolkit (SDK) named Shree-Lipi-Samhita, for developers who want their English Input / Output software to be converted to multiple languages. Web Samhita SDK allows the users to do data entry and viewing in Indian languages in the web browsers. It contains specially tuned Indian language Dynamic fonts and supports a variety of keyboards. It has monolingual and bilingual edit components which are compatible with Internet Explorer and Netscape for composing in Indian languages.

**Ankur Office** is the suite of Office software, with fully localized screens for 10 Indian languages. It has a word processor, spread sheet, presentation module, e-mail client, drawing and painting software, browser, personal organizer, database manager, label maker, fonts, cliparts and MS-Office enhancement plug-ins. Ankur Office is the low cost multilingual office software which is very popular in India. Modular Infotech has the expertise to add any Asian and European languages to a fully localized Ankur Office.

**Smart Bazaar** is Modular Infotech's POS software with multilingual billing, barcode generation and printing with language legends, barcode reading, inventory management and accounting. The software provides over 50 MIS reports which give very useful information about the business. Modular Infotech has a sizable number of company distributors in India, who market Modular Infotech's packaged software in India.

Modular Infotech undertakes projects in various domains in IT. These are Open Type Font designing, Software development and testing, Software localization, Document scanning and Digital publishing, Microprocessor based software and hardware designing and implementation. Modular Infotech has been taking up projects in above areas of expertise for the past 5 years.

### Some prestigious clients of Modular Infotech --

**Microsoft** Indian Language OT Fonts, Keyboard handler (Indic IME) and Software Localization, Testing **Sun**

**Microsystems** Development of OT Fonts, Spellcheckers, sorting, transliteration etc.

**TVS-E** Indian Language Printer Firmware, POS system software

**WIPRO (WeP)** Indian Language Printer Firmware

**Lipi Data Systems** Line-matrix printer Fonts

**WEBEL** Bengali Software for Govt. of West Bengal

**CMC** Multilingual development Tools

**KELTRON** Shree-Lipi Multilingual Software

**Hewlett Packard** India - Interactive multilingual software tools for web

Tata Consultancy Services (**TCS**) Interactive multilingual software tools for web

**Merlion Conversion Labs Pvt Ltd** (Digital Publishing Solutions Ltd. Singapore) Digital Publishing

Leading newspapers in India Dina Malar, Sakal, Lokmat, Vijay Karnataka, Deccan Herald, Udayvani, Andhrajyoti, Prabhat Khabar, Ranchi Express, Dharitri, Hind Samachar, Tarun Bharat, Pudhari etc.

### Some projects executed by Modular Infotech-

**Keyboard Handler for Microsoft** - "Indic IME 2" and OTF Fonts. MITPL has partnered Microsoft in developing various keyboard handlers for Indian languages, namely "Indic IME 2". Microsoft has been shipping Indian language support for Hindi, Hindi Traditional, Marathi, Konkani, Sanskrit and Tamil languages with **Windows 2000**. But the IME available in Windows 2000 supports only INSCRIPT as the keyboard layout for all the above mentioned languages. With Indic IME 2, this facility of inputting text is being extended by providing support for other popular keyboard layouts. Indic IME 2 provides support for Typewriter Keyboard Layout for Hindi, Hindi Traditional, Marathi, Konkani and Sanskrit. For Tamil language, Indic IME 2 supports Typewriter, Tamil 2, and Transliteration keyboard layouts.

Open Type Fonts have been specially developed by MITPL for use by Microsoft in Devnagari, Tamil and Telugu language. OTF is an extension to the TrueType font standard. Open Type fonts contain additional information that extends the capabilities of the fonts to support high-quality international typography. OTF also addresses complex

typographical issues that especially affect people using text-processing applications in multilingual and non-Latin environments.

**Localization of Office 2003 and Windows XP:** Modular Infotech is working on the localization project for Microsoft, USA. This includes localization of user interface, dialog boxes in Indian languages. Initially MITPL was awarded the localization project of office 2003 in Hindi, which involved translation of MS office terms from English into Hindi using the tools provided by Microsoft and testing of user interface. Because of the extraordinary performance of MITPL in this project, Microsoft awarded localization project of MS office 2003 for 5 more languages namely Marathi, Konkani, Punjabi, Malayalam, Bengali and also the localization project for Windows XP for Marathi, Konkani, Punjabi, Malayalam, Bengali.

Localization project involves the translation of terms which are in English into specific language. Translated term should convey the exact meaning of the term which was in English. All terms are technical terms related MS office 2003 and Windows XP. MITPL has a team of experts for these languages who are skilled linguists as well as the computer experts. Since MITPL is keen on maintaining the quality of the work we have a separate team of quality analyst those who are responsible for maintaining the quality of translation.

**SpellChecker for Sun Microsystems, USA:** Modular InfoTech provided Indian Language solutions to Sun Microsystems, Inc., a leading provider of industrial-strength hardware, software, and services, for their base product **Star Office**. The various platform independent modules developed included Spell checker, Transliteration, Collation, hyphenation for 6 major Indian Languages (Hindi, Marathi, Gujarati, Tamil, Kannada and Telugu). In addition to this Modular InfoTech has also provided Unicode Open Type Fonts and Clipart.

**Embedded Software (firmware) development**

Projects for various printer-manufacturing companies for embedding Indic language fonts and composition logic in the firmware of the printers (DMPs and LMPs)

**POS Solutions development:** Project for development of Win-CE based Point Of Sale (POS) retailing software for dedicated terminals for Indic languages, for a prestigious client. This is a big on-going project on which the Company is working since last two years on T and M basis.

**Photoshop Plug-in development projects:** Project for writing photoshop plug-ins for a European end-user. Team size 3 persons

**Project to develop server-side and client-side Telugu language** enabling components for web for **Hewlett Packard** Company (India) Team size 3 persons

**Plug-ins for QuarkExpress:** Project for Deccan Herald newspaper of Bangalore.

**Project for rediff.com** for Indian language enabling on their site.

**Quality :**

Modular Infotech follows a well defined quality policy for its products and projects.

**Resources :**

The Company has 7200 square feet of development work area, with about 80 employee strength, 150 computers, 2 servers, scanners, printers and other equipment. Modular Infotech has a sound HR policy and takes care of its employees as family members. This has resulted in a low attrition rate for its employees.

**Awards :**

- 1) In August 2000, Modular Infotech Pvt. Ltd. was awarded the "**Award for Best Computer Package in Hindi**" (Second Prize) from the Ministry of Information Technology for the product Shree-Lipi Suchika.
- 2) In August 2000, Shree-lipi package was awarded "**PC Quest Users Choice Award**" (Runner up).
- 3) In May 2001, Modular Infotech Pvt. Ltd has also won the award "**Award for Best Computer Package in Hindi**" (Second Prize) for developing the Bilingual Accounting Software, ArthaLekha from the Ministry of Information Technology.
- 4) Dr . M. N. Cooper, the Chairman and Jt. Managing Director of the Company received the '**Manthan Award 2002**' from Manthan Pratishthan for Technical Achievement in the field of Computers.
- 5) Mrs. Meena R. Joshi, Technical Director of the Company, received the prestigious "**Mrs. Leelavati Mehendaley Women Entrepreneur Award**" for the year 2001 by The Institution of Engineers (India), Pune.
- 6) Mrs. Meena R. Joshi, Technical Director of the Company, also received the '**Marathi-Ratna Puraskar**' of the Marathi Bhasha Samvardhan Pratishthan.

**In News:**

The various achievements of Modular Infotech have been frequently taken note of in the Indian news media.

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