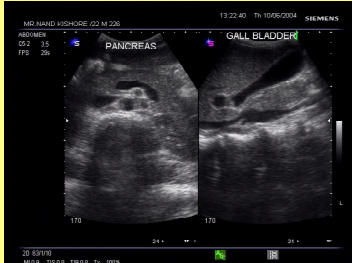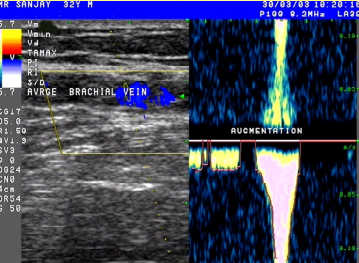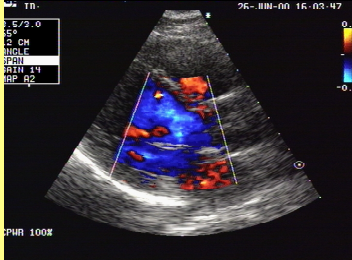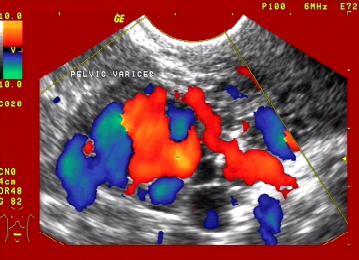# Sono-Imager

Product Introduction

BusySoft ™
We make software that works as per you!

Requires
Microsoft
Windows
XP/2000/Me/98Se

Sono-Imager
Comprehensive software for imaging and reporting

IT
is for Health Care Industry

Most comprehensive software for Imaging and patient management

Sono Imager™

Product Introduction

November 2004

BusySoft
We Make Software that works as per you!
Busysoft Systems Private Limited

SonoImager Product Introduction

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Hospmate, Busysoft, Docmate, SonoImager SlideImager, are registered trademarks, and is used by Busysoft Systems Pvt. Ltd.

Microsoft, Windows, Windows NT, Windows 2000 and their respective logos are registered trademarks of Microsoft Corporation in the United States and other countries.
All other product names mentioned in this guide may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.

Disclaimer

Contents

Busysoft Systems Private Limited
Computer applications & software development Consultants

Works: B-4 Kailash Bhawan, 35 Wazirpur C Centre, Ring Road, Delhi 110052
Regd.Office: C-2/51 Ashok Vihar, Phase II, Delhi-110052 (India)
Phones: (91+) 011-27373761,27373401, 27376519, 27429747
Fax: (91+) 011-27376519   **Email**:kamal@busysoftsystems.com
Web: busysoftsystems.com

BusySoft
We make software that works as per you!

Date   :   **................**
Ref   :   Query

....

....

....

....

Dear Sir/Madam,

Ref : Your query regarding SONO-IMAGER

We are glad to present to you the details of **SONO-IMAGER** software.

We are computer software consultants and makers of **SONO-IMAGER** software program for capturing images from Colour Doppler, Echocardiography, Ultrasound machines, X-ray machines and C-ARM. The software is very user friendly and is time tested with excellent functions. This software helps in managing **all patient still & video images** and prepares patient reports, patient images reports etc. The **SONO-IMAGER** program is available under Windows XP/2000/Me/98Se

Our program is well acclaimed and is very popular image management software program. It is very user friendly and is supported by manuals and by on-line references.

Kindly find enclosed herewith, brochures for the above programs.

Yours truly,

Kamal Gupta
Director

Sono-Imager™
Capture Digital Images directly into your PC

Acquire images from Ultrasound, Echocardiography, Colour Doppler X-ray, and other imaging equipments

Acquire images directly into your PC

- View images simultaneously on PC Monitor
- Acquire Images with single mouse click, keypad
- Acquire and store Video images and playback whenever required
- Acquire as many images as you want and reselect later on for patient reports
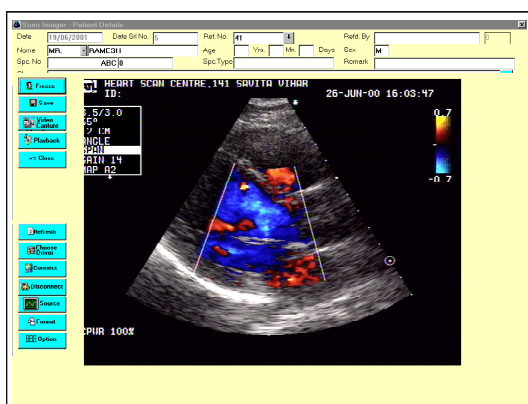
High quality image printing

- Print in colour or b/w using any desk jet, laser printer
- No need of expensive colour thermal printer
- Print only area of interest thus saving ink cost
- Print patient images in any format of your choice

Image Management

- Image Preview
- Edit Image Hue, Saturation, Contrast, Brightness
- View and save the image in a different format.
- Write text, draw line, marker at any place on image.
- Compare patient images
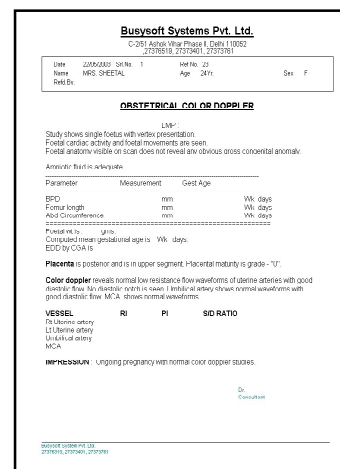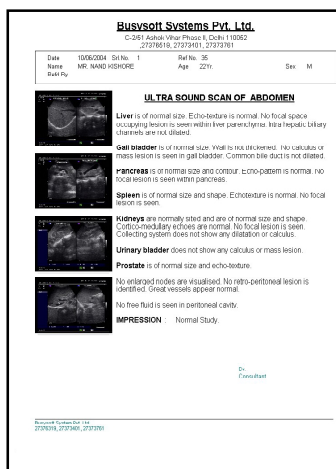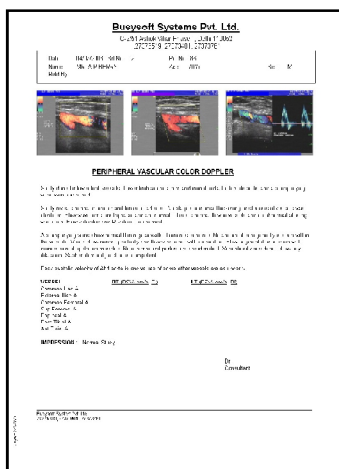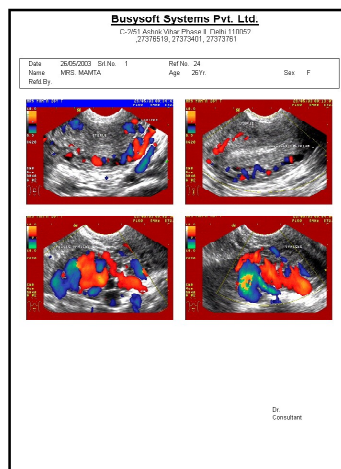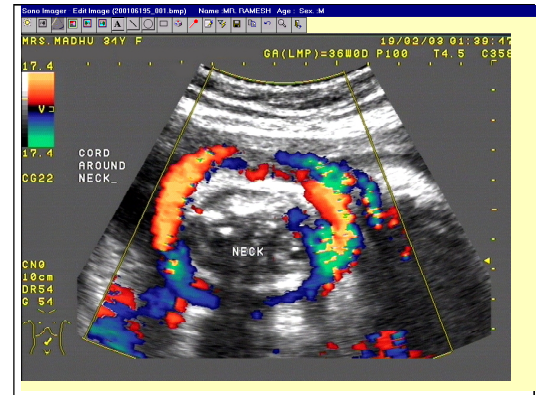- Set Image size & Resolution
- Video capturing
- Convert video into mpeg and record into CD Writer.
- Change Image Colour or Chrome any area of interest
- Print only area of interest
- Mark and write on image using your own handwriting

Patient management & Reporting

- Search patient data by ID, name and classification
- Search patient on the basis of report
- Type and edit patient reports
- Keep preset reports
- Print reports on plain or preprinted stationery
- Sound record the report for listening later on for typing report
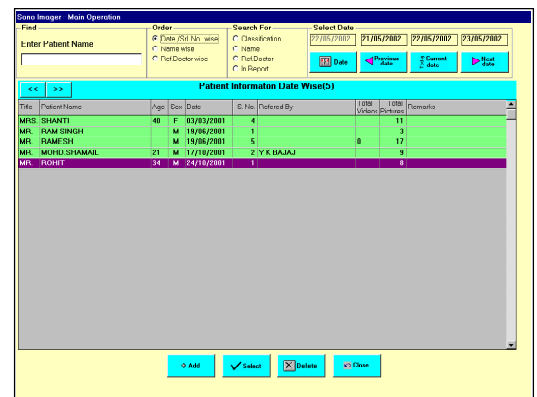
Use Images for various purposes

- Email images
- Use images for presentation into other applications such as Microsoft PowerPoint, PhotoShop and web

■*Microsoft* PowerPoint®
■Use as Web Images
■Email
■Any Other Graphic Software

Send images thru modem directly

Email Images

Send Images thru internet FTP

Send Images thru Website

Solution

- Complete Hardware & Software
- On site training and warranty
- Manuals

■Stable and User friendly
■Professional Support with motto

Contact

Kamal Kant Gupta
BusySoft Systems Private Limited
Address: C-2/51 Ashok Vihar, Phase II, Delhi 110052 (India)
Ph: (91-011) 27373401, 27373761, 27376519, 27429747
Fax:27376519
email:info@busysoftsystems.com
web:busysoftsystems.com

Busysoft
We make software that works as per you!

Busysoft Systems Pvt. Ltd.

C-2/51 Ashok Vihar Phase II, Delhi 110052 India
,27376519, 27373401, 27373761

Date	26/05/2003 Srl.No. 1	Ref No. 24		
Name	MRS. MAMTA	Age 26Yr.	Sex	F
Refd.By.				
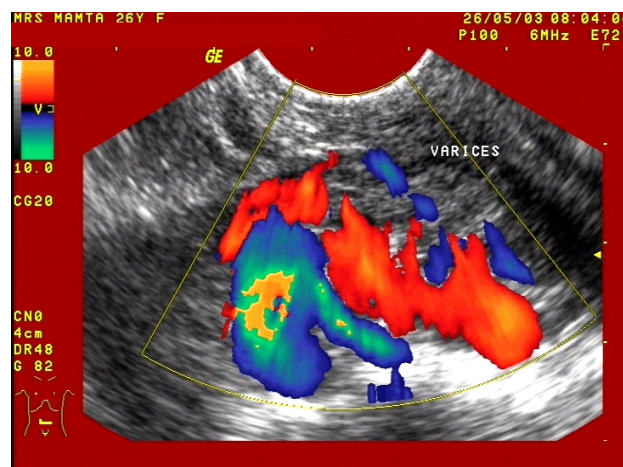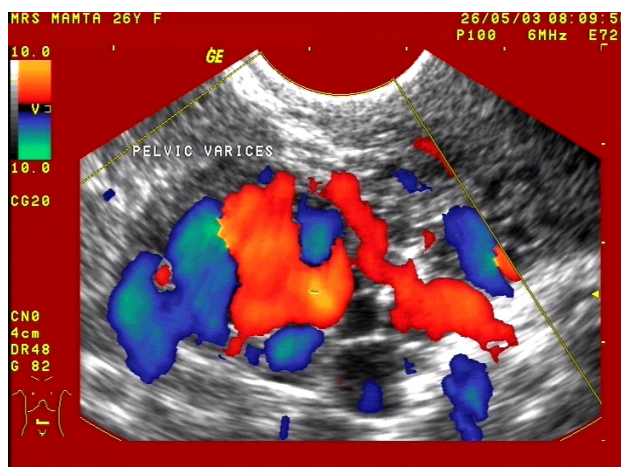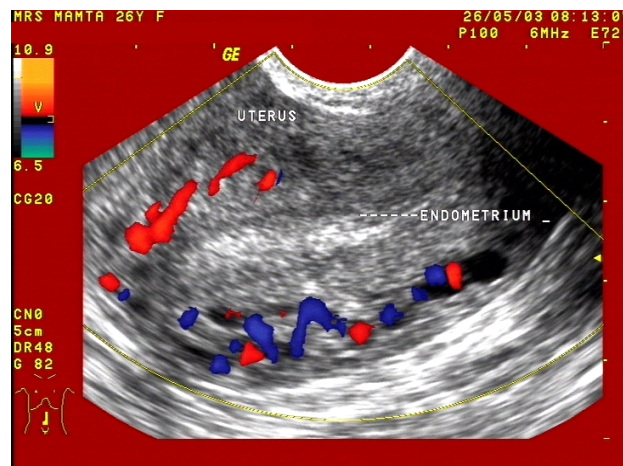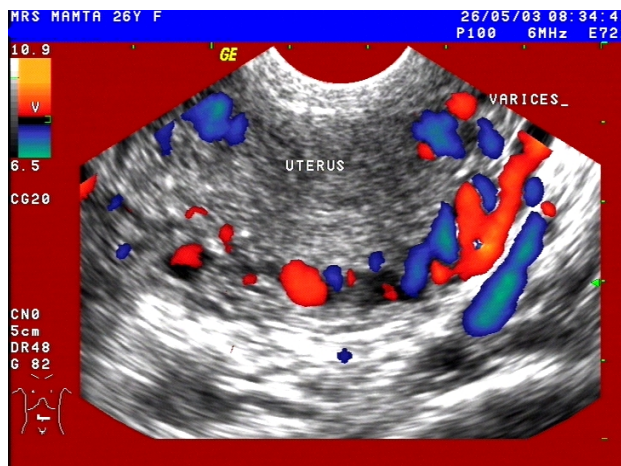
Dr.
Consultant

Date	04/07/2003 Srl.No. 2	Ref No. 86		
Name	MR. A P BERRY	Age 70Yr.	Sex	M
Refd.By.				
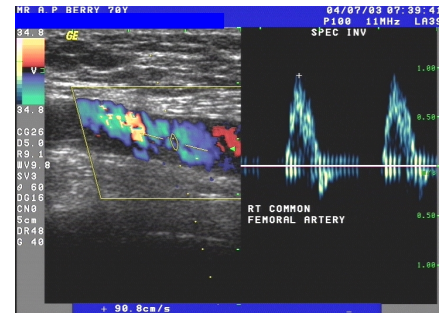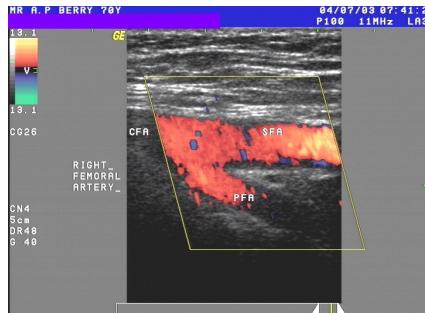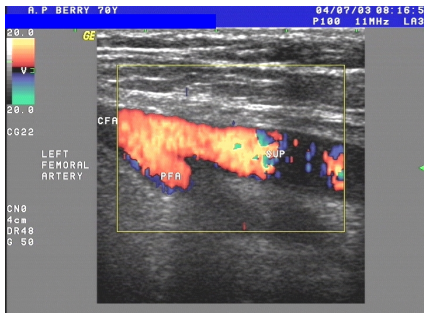
PERIPHERAL VASCULAR COLOR DOPPLER

Study done for lower limb vessels. Lower limb arteries from abdominal aorta to dorsalispedis and accompanying veins were examined.

Study reveals normal diameter and lumen of arteries. No plaque or intimal thickening or stenosis of vessels was identified. Flow waveforms are triphasic and are normal. There is normal flow in vessels and no abnormal aliasing was seen. Flow velocites and PI values are normal.

Accompanying veins show normal thin regular walls. Lumen is echofree. No abnormal echogenicity is seen within the vessels. Veins show normal plasticity and flow variations with respiration. Flow augmentation is seen with comression of upstream muscles. No incompetent perforators are identified. Superificial veins donot show any dilatation. Saphenofemoral junction is competent.

Peak systolic velocity of Abd aorta is and values of some other vessels are as under :-

VESSEL	RT (PSV- cm/s PI)	LT (PSV- cm/s PI)
Common Iliac A		
External Iliac A		
Common Femoral A		
Sup.Femoral A		
Popliteal A		
Post Tibial A		
Ant Tibial A		

IMPRESSION : Normal Study.

Dr.
Consultant

Date	10/06/2004 Srl.No. 1	Ref No. 35	
Name	MR. NAND KISHORE	Age 22Yr.	Sex M
Refd.By.			

ULTRA SOUND SCAN OF ABDOMEN
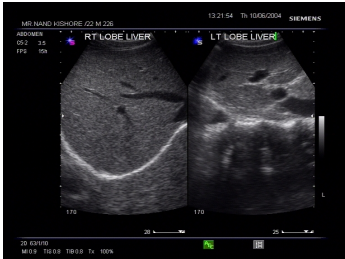
Liver is of normal size. Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated.
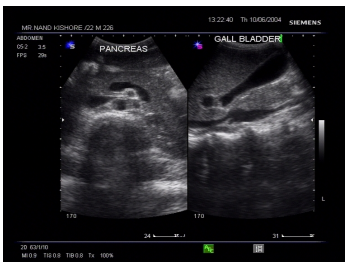
Gall bladder is of normal size. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.
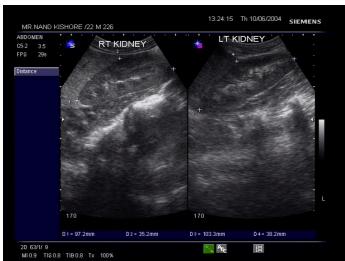
Spleen is of normal size and shape. Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Urinary bladder does not show any calculus or mass lesion.

Prostate is of normal size and echo-texture.
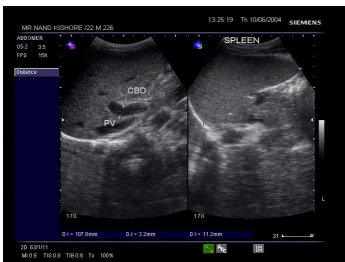
No enlarged nodes are visualised. No retro-peritoneal lesion is identified. Great vessels appear normal.

No free fluid is seen in peritoneal cavity.

IMPRESSION :   Normal Study.

Dr.
Consultant

Busysoft Systems Pvt. Ltd.

C-2/51 Ashok Vihar Phase II, Delhi 110052 India
,27376519, 27373401, 27373761

|			
Date	22/05/2003 Srl.No. 1	Ref No. 23	
Name	MRS. SHEETAL	Age 24Yr.	Sex F
Refd.By.			

OBSTETRICAL COLOR DOPPLER

LMP :

Study shows single foetus with vertex presentation.
Foetal cardiac activity and foetal movements are seen.
Foetal anatomy visible on scan does not reveal any obvious gross congenital anomaly.

Amniotic fluid is adequate.

Parameter	Measurement	Gest Age

BPD	mm	Wk days
Femur length	mm	Wk days
Abd Circumference	mm	Wk days

==

Foetal wt is :   gms.
Computed mean gestational age is   Wk   days.
EDD by CGA is

Placenta is posterior and is in upper segment. Placental maturity is grade - "0".

Color doppler reveals normal low resistance flow waveforms of uterine arteries with good diastolic flow. No diastolic notch is seen. Umbilical artery shows normal waveforms with good diastolic flow. MCA shows normal waveforms.

VESSEL	RI	PI	S/D RATIO
Rt Uterine artery			
Lt Uterine artery			
Umbilical artery			
MCA			

IMPRESSION : Ongoing pregnancy with normal color doppler studies.

Dr.
Consultant

Sono Imager Features & interface

■ Salient Features of Sono Imager

- ☐ High quality of images
- ☐ No need of watching computer monitor.
- ☐ Voice Intimation on number of images captured
- ☐ Capture using separate Sono keypad or Mouse
- ☐ Large number of Image editing features
- ☐ Capture video images and
- ☐ Convert into MPEG and store into CD's

■ Sono Imager for Windows

- ☐ Sono Imager software on CD
- ☐ Sono Imager program manual.
- ☐ Hardware lock to be installed at parallel port of the computer.
- ☐ Training program (Please refer quotation)
- ☐ One year warranty with free updates (Please refer quotation)
- ☐ Remote control or extra keypad for image capturing

■ Computer Interface

Sono Imager Software
- ■ Patient Data
- ■ Still Image capturing
- ■ Image Editing
- ■ Video Capturing
- ■ Use Remoate or keypad or mouse for easy capture

Image Acquisition into computer using imaging card connected thru cable

U/S,Echo,CD

Computer
- ■ Email images
- ■ Make Slides
- ■ Use for direct presentation
- ■ Write Video on CD

- ■ Print Patient Images
- ■ Print Patient Reports
- ■ Print summary reports

Printer

- ■ Send images thru modem directly
- ■ Email Images
- ■ Send Images thru internet FTP
- ■ Send Images thru Website

<u>Computer Requirements for Sono Imager</u>

■ Computer

Look for system of following type to give best performance today.

- ☐ PENTIUM IV 2.4 Ghz CPU   or higher
- ☐ 128 MB RAM   or Higher
- ☐ CD ROM / Writer
- ☐ 40 GB Hard Disk or Higher
- ☐ 15" Colour Monitor
- ☐ One empty PCI slot for image grabbing card
- ☐ Sound card with Game port and speakers

■ Printer

- ☐ Inkjet, deskjet printer with 720 dpi or more resolution . Low resolution inkjet printers will also work but may not print good quality images.

■ Operating System

- ☐ Microsoft Windows XP/2000/Me/98Se

■ CVT or UPS

- ☐ Constant Voltage Transformer 500 VA or Uninterrupted Power Supply 500VA. Sono Imager software do not require this equipment, but is important to supply stabilized uninterrupted power to your computer. Utmost care should also be taken to provide proper earth to your equipment.

Busysoft Systems Pvt. Ltd. would supply you Sono Imager software. All the other computer equipments should be taken locally for better hardware support.

Sono-Imager Items

Software	Price

SONO IMAGER WINDOWS 95/98/NT/2000 BASED   **(INR 22,500/--)**
With Image Capture Card   **(US $ 500/--)**

The above price includes

a.   Sono Imager Software (On CD)
b.   Image capture card (PCI) PAL 720x576 Pixels and NTSC 720x480 DVD Quality)
c.   Cables
d.   Manuals
e.   Onsite Installation and training (Please refer Notes)
f.   One year warrenty and support (Please refer Notes)

Notes :
1.   Local Taxes 4% VAT or 10% Central Sales Tax as applicable extra
2.   Payment terms - 100% advance with the order.
3.   All payments should be made by Pay Order/Draft in favour of **"BUSYSOFT SYSTEMS PVT. LTD"** payable at DELHI on any Indian Bank.
4.   You are requested to send a purchase order for the above items. For placement of order of the customer kindly fill order in the form given along with this letter.
5.   For outstation training program please call.

Order Form

Date : _____
Ref : _____

Busysoft Systems Pvt. Ltd.
C-2/51 Ashok vihar
Phase II
Delhi 110 052, India

Dear Sir,

Subject : Placement of Order

We wish to place an order for the following software systems

Sr.No.	System Name	Amount
1	Sono Imager	
2		
3		
4		

Payment Details

PayOrder/Draft No   _____

Dated   _____

Amount   _____

Drawn on   _____

Company Details

Company Name   _____

Address Line 1   _____

     Line 2   _____

     Line 2   _____

     Pin   _____

Floppy Drive :   CD

Note: i.   Kindly fill the details in capital letters
     ii.   The name of Company details will appear in all the reports
        generated by the system
     iii.   Kindly use photostat copies.

Busysoft The Company

Brief history

Founded in 1988
Incorporated in 1996
Main registered office in Delhi, India
MD Kamal Kant Gupta (MMS BITS PILANI)
First Company to develop and sell Medical diagnostic management package (LABMATE) in the field of health care industry.

More Information

Busysoft Systems was started by Mr. **Kamal Kant Gupta** in 1988 as a proprietor ship company acting as computer consultants and offering services in computerization of business activities of software development. The company provides services to small and medium scale organizations with a view that computers need not be a novelty. Small users should also be able to think of "Business Using Computers" to make best use of technology in the business world. That is why; company's services are user oriented and cost effective.

Since 1988 company has developed a series of low cost computerized software applications in common as well as business specific areas such as garment exporters, travel management, grain merchants, health care industry, educational institute management and control systems. Some of our best-known software applications are **Labmate**, **Docmate**, **Sono-Imager, Slide-Imager**, **Hospmate**, **Schoolmate**, **Rheosoft**, **Viscosoft**, **Export-Man**, **Travel-It**, **Weight-It** and **Aadati** (Grain merchant). Recently the company has launched **Sono-Imager**, an application for image processing and management for medical diagnostic centers.

In 1996 the company changed its status to private limited company. The company now enjoys a reputation of being leading software developer in the field of health care industry. Our aim is to make software as user friendly as possible. The motto of the company is "**We make software that works as per you**". To achieve the same we make software with which, each esteemed client should be able to work according to its own environment, critical business issues, location and preferences.

Our Approach

Using professional skills company develops low cost and effective software services. The services are customer oriented and are designed to ensure that computerized systems result in greater efficiency and cost effectiveness. This specific approach of the company for the conversion of customer's requirements into computerized systems just ensures the same.

Busysoft approach to software design and development is marked by an emphasis on custom installation and ability to deal with the details of functionality. Company's software expert believes in investing time and energy in understanding the user's need and environment. It is characterized by an illustrative use of contemporary concepts and innovative techniques with an emphasis on project modeling. System's approach involves phased development, starting from problem to implementation of the most feasible solution.

Company has sufficient technical and financial resources to meet the demands of the fast changing market. Its major strength lies in professionals controlling all of its activities.

Man

People are the most desired assets of any organization setup. They form the core of any resource base. We have over the years have evolved a team of professionals dedicated to the core segments of our activities. The team acts with fresh ideas, with an innovative approach to every problem. The team consists of professionals who have grown with us, through a variety of projects. The team now has more than 30 man-years of experience in the field.

Machine

Wide range of sophisticated man made objects reflects the dynamics of an organizational setup and the company has that. These form an important tool to enhance the process of development. With a network of Pentium servers, workstation and printers with a wide range of development software products the company have a strong base for taking reasonably sophisticated projects for computerization. The company is changing development tools from time to time to keep up with the technology.

Tools

Legacy tools: Complete PC based solutions using COBOL, Quick Basic, FoxPro   under DOS
Current Tools: C++, Visual C, Visual Basic, Java with data base management under
MS-ACCESS, Oracle, MS-SQL.

Our Philosophy

At Busysoft we believe that a small team of dedicated professionals creates the worlds best software. Our goal is make the best and most featured software for the customers. We always try to provide most stable and user oriented software.

BusySoft

We make software that works as per you!

is for Health Care Industry

Busysoft Systems Private Limited

Computer applications & software development Consultants

Regd.Office:C-2/51 Ashok Vihar, Phase II, Delhi-110052 (India)

Works:B-4 Kailash Bhawan, 35 Wazirpur C Centre, Ring Road, Delhi 110052

Phones: (91+) 011-27373761, 27373401, 27376519, 27429747 **Fax**:(91+) 011-27376519

Email: kamal@busysoftsystems.com **Web**: busysoftsystems.com