Smartech®

LED

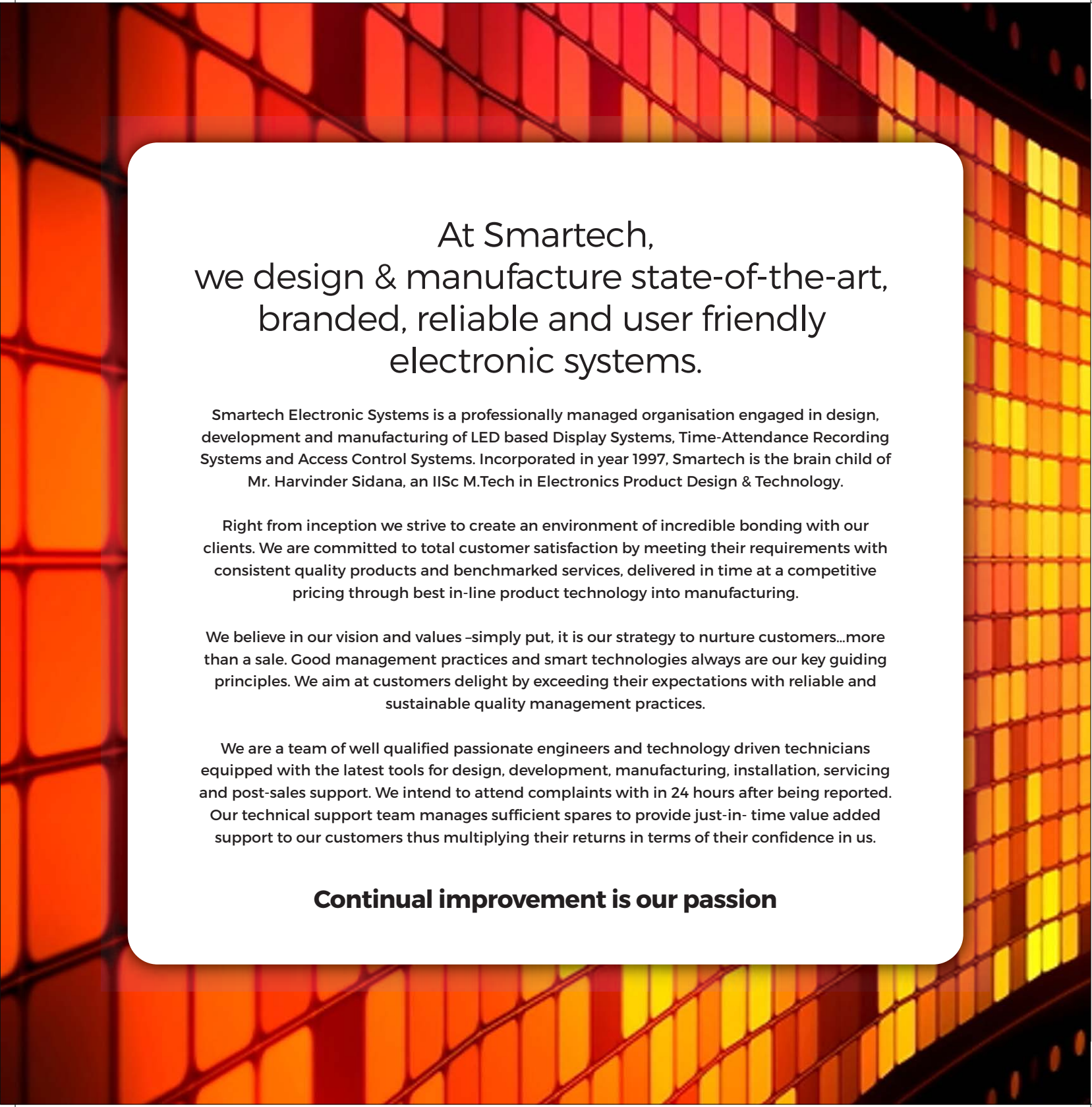## DISPLAY SYSTEMS

MOVING MESSAGE DISPLAYS
MULTI-LINE LED DISPLAYS
PRODUCTION STATUS DISPLAYS
SAFETY INFORMATION DISPLAYS
POLLUTION PARAMETERS DISPLAYS
SYNCHRONISED CLOCKS
DIGITAL RATE DISPLAYS
CUSTOMISED DISPLAYS

At Smartech,
we design & manufacture state-of-the-art, branded, reliable and user friendly electronic systems.

Smartech Electronic Systems is a professionally managed organisation engaged in design, development and manufacturing of LED based Display Systems, Time-Attendance Recording Systems and Access Control Systems. Incorporated in year 1997, Smartech is the brain child of Mr. Harvinder Sidana, an IISc M.Tech in Electronics Product Design & Technology.

Right from inception we strive to create an environment of incredible bonding with our clients. We are committed to total customer satisfaction by meeting their requirements with consistent quality products and benchmarked services, delivered in time at a competitive pricing through best in-line product technology into manufacturing.

We believe in our vision and values –simply put, it is our strategy to nurture customers...more than a sale. Good management practices and smart technologies always are our key guiding principles. We aim at customers delight by exceeding their expectations with reliable and sustainable quality management practices.

We are a team of well qualified passionate engineers and technology driven technicians equipped with the latest tools for design, development, manufacturing, installation, servicing and post-sales support. We intend to attend complaints with in 24 hours after being reported. Our technical support team manages sufficient spares to provide just-in- time value added support to our customers thus multiplying their returns in terms of their confidence in us.

Continual improvement is our passion

ACTION DISPLAY-MOVING MESSAGE DISPLAY

Communicate effectively with ease and speed

Smartech specializes in designing and manufacturing Innovative Single/Multi-colour, Indoor/Outdoor Multilingual Moving Message Displays. Customers or target audience can be quickly and effectively informed about activities, events and other critical information with a reliable and highly readable Smartech Moving Message Display System.

FEATURES
- Available in different widths (2 feet to 24 feet) and heights (2" to 12").
- Single & Multi-colour, Single & Double line.
- Multilingual. Allows editing & display of messages in English,Hindi,Marathi,Gujarati,etc.
- Full ASCII character set, various fonts and adjustable character width.
- Built-in Images and patterns to make your messages more appealing.
- Various effects and auto effect to make your messages more attractive.
- Built-in real time clock to display date & time in various formats.
- Preprogrammed greetings and messages.
- Scheduling of preprogrammed and user greetings/messages.
- User friendly and hassle free editing. Just play around on the Keyboard.
- Optional PC Connectivity using serial or LAN port.

BENEFITS
- Grasp your customer attention
- Conveys your point/message effectively
- Can be changed often easily
- Can store and display large information instantly.
- Cost-effective

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iTEXT-INDUSTRIAL LED MESSAGE DISPLAY

Communicate effectively with ease and speed

iText is a series of LED message displays that use the latest LED and communications technologies for industrial applications. These industrial text message displays utilize both serial and Ethernet communications. The display can be connected to a PLC (programmable logic controller), PC, or any device capable of serial ASCII, Modbus RTU, or Modbus TCP communication.

FEATURES
- Single,Double and Multi-line Displays
- 1", 2.5" and 5" character height.
- Single & Multi-colour

iDISPLAY-MULTI-LINE LED DISPLAY

Smartech Multi-line LED Displays are an ideal solution to convey quickly and easily large information to the target audience.

FEATURES
- 1", 2.5", 5" and 12" character height.
- Single & Multi-colour,
- Multilingual
- Full ASCII character set ,various font types and adjustable character width
- Built-in real time clock to display date & time in various formats.
- User friendly and hassle free editing.
- PC Connectivity using serial or LAN port.

APPLICATIONS
- Electronic Notice Board • Project Schedule Display • Parking Status Display
- Truck Queuing Display • Pollution Parameters Display

iLINE- INDUSTRIAL PRODUCTION STATUS DISPLAYS

Display for efficiency

In today's business environment, communication needs to be instantaneous, interactive and proactive allowing employees to create timely decisions based on up to the minute facts of the manufacturing process. Smartech iLine Series LED Display boards display real time production data, enhancing visual communication and increasing production efficiency.

FEATURES

• Up to 3 shifts with 3 breaks per shift can be defined.
• Cycle time can be set individually for each shift.
• Embedded software calculates real time target, gap, efficiency, etc.
• Auto reset of the real time target and actual at the start of each shift.
• Real time target suspends during the break timings.
• Infrared remote control for programming Shift timings, Target, etc.
• Input for increment of actual production count.
• Previous shift actual and hourly production count can also be displayed
• Highly accurate real time clock.
• Can be customised as per your requirement.

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iNUM-INDUSTRIAL LED NUMERIC DISPLAY

iNum is a series of LED numeric displays that use the latest LED and communications technologies for industrial applications. These industrial numeric displays utilize both serial and Ethernet communications. The display can be connected to a PLC (programmable logic controller), PC, or any device capable of serial ASCII protocol.
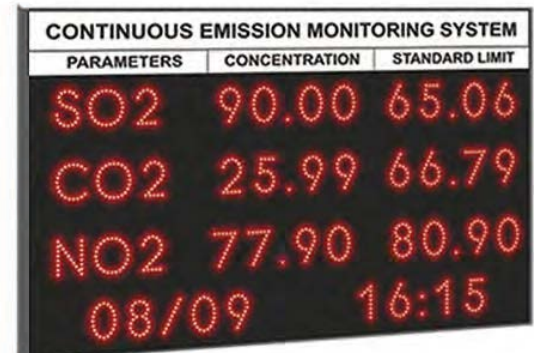
FEATURES

• Single or Multi line Displays
• 2.3",4",6',8",10 and 12" Digit Height

SAFETY INFORMATION DISPLAY

POLLUTION PARAMETERS DISPLAY

CUSTOMISED DISPLAY

iCLOCK - SYNCHRONISED DIGITAL CLOCKS
Same time, every where

Ethernet based DIGITAL CLOCK

Smartech offers Synchronized Digital Clock suitable for display of uniform time across the facility in Pharmaceuticals & Chemicals Industry, Hospitals, Schools, Universities, etc. Smartech Synchronised Digital Clock uses the exisiting LAN network and is highly accurate as it acquires precise time from the PC synchronized with Internet time server. In case of link failure with the PC or when the PC is off, the Clock continues to work on its internal real time clock.

FEATURES
- HH:MM or HH:MM:SS Clock as per the requirement
- 12 or 24 hour format.
- Option of Clock with Date display
- 2.3",4",6",8",10" and 12" digit sizes available
- Option of Day light visibility
- Infrared remote control programming

BENEFITS
- No special cabling work required. Existing LAN network can be used.
- PC is not required to be continuously ON.
- iClock (Smartech Time synchronization software) can be installed on any PC in LAN.
- Clock network connectivity status can be monitored from PC.

GPS BASED DIGITAL CLOCK
No more setting time

Smartech offers GPS based Digital Clock which is highly accurate as it synchronises with GPS Satellite Signal. In case of link failure with the Satellite Signal, the clock continues to work on its internal real time clock.

FEATURES
- Detachable weather proof antenna with a magnetic provision to mount it outdoor to expose to the open sky.
- Option to display time of any country/time zone as required.
- Optional Slave Clocks can be connected to the Master GPS Clock on RS485 network for time synchronization.

TIME ZONE CLOCK
World time at a glance

Smartech offers Time Zone Clocks which are capable of displaying multiple Time Zones and also have option to enable or disable daylight saving time

FEATURES
- Daylight Saving Time Enable or Disable
- Option to synchronise with GPS satellite signal.
- 2.3" and 4" height bright digital displays.

We also manufacture Stand-alone Digital Clock, Count Down Clock.

iRATE – DIGITAL RATE DISPLAYS
Rates updated easily and quickly

INTEREST RATE DISPLAYS

Smartech Interest Rate Displays are a great way to help your customers keep informed of changing bank interest rates. Interest rate boards can also be used as pricing boards in environments such as fast food outlets and cafeterias.

FEATURES
- 0.5" and 1" height bright digital displays that really stand out.
- No. of Display lines can be customized as per the client requirement.
- Can be customized with your corporate colour and logo.
- Option to display date & time
- Hasle free programming with Infra red remote control
- Optional PC Interface

CURRENCY EXCHANGE RATE DISPLAYS

Smartech Currency Exchange Rate Displays are a great way to help your customers keep informed of exchange rates and movements in the currency markets.

FEATURES
- 0.5" and 1" height bright digital displays that really stand out.
- Display Board can show 6, 8, 10 or 12 currency lines, with 2 columns as standard
- Can be customized with your corporate colour and logo.
- Option to display date.
- Hasle free programming with Infra red remote control
- Optional PC Interface

GOLD SILVER RATE DISPLAYS

Smartech Gold Silver Rate Displays are a great way to help your customers keep informed of changing gold and silver rates.

FEATURES
- 1" and 2.3" height bright digital displays that really stand out.
- Can be customized with your corporate colour and logo.
- Option to display date and time.
- Hasle free programming with Infra red remote control
- Optional PC Interface

CLIENTS