INDIGEN TECHNOLOGIES

We are an established software company that focuses on developing software for Engineering, Scientific and Industrial Automation needs. We also provide Web- enabled applications for various domains.

Incepted in year 2003, at Pune (Maharashtra, India), we "Indigen Technologies," is an established software company providing software products, software designs and development services in the following domains

- CNC Software and Solutions

- Textile Solutions

- Engraving Solutions

- Exhibition Management Software

- Industrial Automation Software

- Academic Software

- Metal Analysis Software Development

- Bio-Medical Instrument Software Development

- Battery Formation Software Development

- Electrostatic Precipitator Management Software

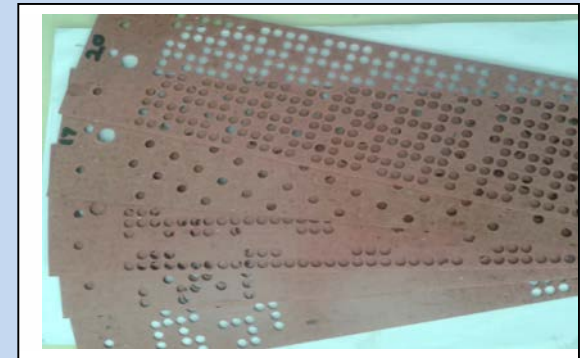- Vendor and Customer Master Work Flow Software

Indigen

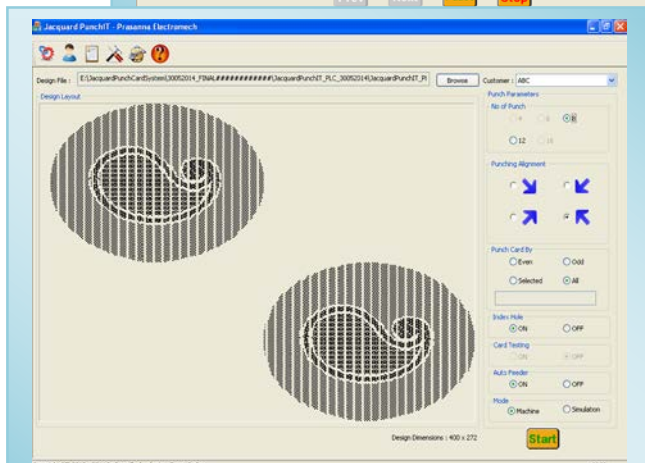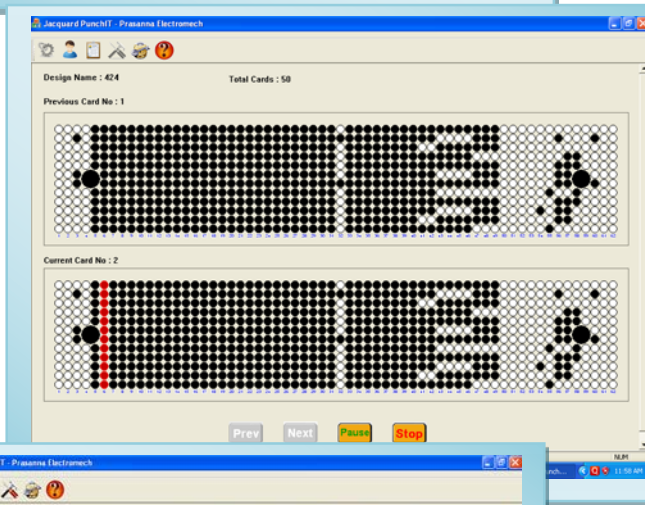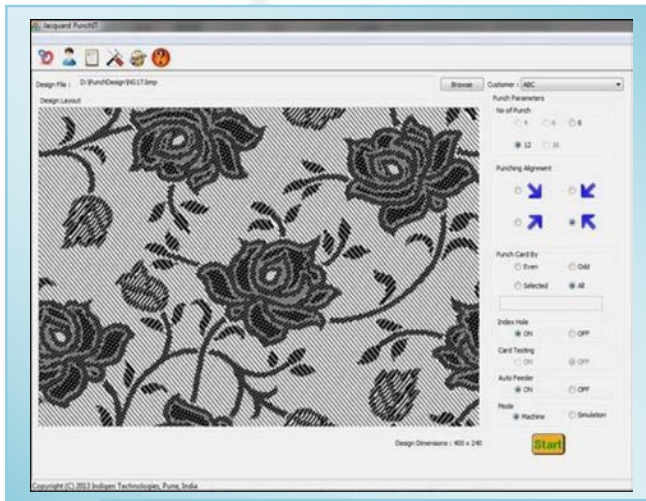**Software Solutions for Automation Needs**

Indigen Technologies provides software solutions for many industries, Textile industry is one of them.

Jacquard PunchIT is an advanced controller for the Textile industry. It is a unique combination of PLC based hardware and Windows based software.

Jacquard PunchIT converts the design in an image to punch card required for Jacquard Looms. The best part of this Software is that it skips blank rows and reduces punching time by 55%.

JACQUARD PUNCHIT

Jacquard PunchIT controller is used for punching of cards in Jacquard Punching Machines. The main features of Jacquard PunchIT are:

- ❖ It is a Windows based user friendly Software.
- ❖ Configure and manage Lacing information of Designs.
- ❖ Selectable Punches per row 4, 6, 8, 12, 16.
- ❖ Supports 400-624 hooks card and can be easily adapted to support other cards.
- ❖ Auto/Manual card feeding support
- ❖ Supports machining and simulation mode.
- ❖ Skipping of blank rows.
- ❖ Online display of card being punched.
- ❖ All/Even/Odd/Selectable cards punching features.
- ❖ Pause/Resume feature.
- ❖ Can be easily connected to existing Jacquard Punching Machines.
- ❖ Configurable machine parameters.
- ❖ Customer Management feature.
- ❖ Generating Punch information Reports feature.
- ❖ Customization option.

Jacquard Punching Machine

First time in India PRASANA ELECTROMECH along with INDIGEN TECHNOLOGIES introduces PLC based JACQUARD CARD PUNCHING MACHINES. It works in high speed and has low noise. It supports different Width, Length of card and different pitch in same machine. Machine's speed is 360 cards per hour for 600 hooks. Support several types of cards.

Punches following type of cards:

1. Green card for power loom.
2. White card for hand loom.
3. Plastic card for mats.

Machine Specifications:

1. Very high speed of punching.
2. Indication of each signal working.
3. Auto card feeding system.
4. Machines are available in various types of hooks:
   1. 400-600 hooks. 2. 120-240 Hooks. 3. 600-900-1200Hooks

Machine Details:

1. Size-L-1490mm, W-500mm, H-1270mm.
2. Weight.
3. Power-1 Phase, 0.5 HP.
4. Speed-360rpm