

— WHY LC INFOTECH

One team from requirement to rollout.

Most plants buy software from one vendor, controls from another and hardware from a third — then spend a year making them talk. We design all three, so the dashboard, the PLC and the device on the line are built to the same specification from day one.



Plant-floor first

Systems designed around shifts, uptime targets and the legacy machines you already own — not around a software licence.



Software meets hardware

Boards, sensors and gateways engineered alongside the applications that read them, so data is trustworthy end to end.



Industry 4.0, in stages

A phased path from the first machine connected to full plant visibility, each stage paying for the next.



Support that shows up

Commissioning, operator training, and both remote and on-site support.

FROM YEAR
2018

Engineering for manufacturers across India and overseas — built and supported from SIPCOT Hosur.

— GET IN TOUCH

Tell us what you want to build.

Send us the problem — a line you can't see into, a report nobody trusts, a machine that won't share its data — and our engineers will scope it with you before you commit to anything.



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Request a consultation

Scan to send us your requirement
— we reply within one business day.

lcinfotech.in/contact ➔



HOW WE WORK

01

Site study

02

Design

03

Build &
commission

04

Train & support

LC INFOTECH

DIGITALIZING THE INDUSTRIAL WORLD



INFOTECH

● PIONEERING INNOVATION FOR YOUR GROWTH

Digitalizing the Industrial World.

Custom software, industrial automation and embedded engineering for manufacturers — from SIPCOT Hosur to plants worldwide.



<> Software & ERP

🔍 AI Vision

🔧 Automation & IIoT

🔩 Embedded Hardware

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<> Software & Digital Solutions

Applications built around how your plant actually runs — pulling live data from machines, ERP and quality records into one place your team uses every shift.

> Custom Software Development

Purpose-built applications where off-the-shelf tools force the wrong process.

> Desktop Applications

Windows software for inspection stations, machine PCs and offline shop-floor use.

> ERP — Enterprise Resource Planning

Inventory, production, purchase and dispatch on one connected ledger.

> QMS — Quality Management System

Inspection plans, NCR tracking and audit-ready traceability by batch.

> Industrial Dashboards

Live OEE, downtime and shift output on the floor screen and on your phone.

> Analytics Dashboards

Trends, yield and cost analysis that turn plant history into decisions.

> Data Logging

Time-stamped machine and process logs, archived and searchable for audits.

> Report Digitization

Paper checksheets and Excel registers converted into structured digital records.

> App Development

Android and iOS apps for supervisors, maintenance and field service teams.

> Website Development

Corporate sites and customer portals that represent the business properly.

— INDUSTRIES WE SERVE



Automotive & Auto Components



Manufacturing & Machine Building



Logistics & Warehousing



PVC Pipes



AI, Automation & Control

Vision, prediction and supervisory control applied where they pay back — catching defects earlier, running machines longer and taking guesswork out of the shift.

> AI Vision Systems

Camera inspection for presence, dimension and assembly checks at line speed.

> Defect Detection

Surface flaws, cracks, scratches and finish faults caught before the part moves on.

> Object Detection

Parts, tools, packaging and people located and counted in the camera frame.

> OCR & OCV

Printed codes, batch numbers and labels read and verified automatically.

> Machine Learning Solutions

Predictive maintenance, yield optimisation and forecasting on your own data.

> SCADA / HMI Development

Supervisory screens, alarms and historians operators can read at a glance.

> PLC Integration

Programming and retrofits across major PLC platforms, legacy machines included.

> SPM — Special Purpose Machines

PLC/HMI, servo and pneumatic sequencing, safety interlocks and poka-yoke.

> Industry 4.0

A staged roadmap from connected machines to a fully visible, measurable plant.



Embedded & Hardware Engineering

When no off-the-shelf device fits, we design the electronics — schematic, board, firmware, enclosure and field trial — specified for heat, vibration and dust.

> Embedded Systems

Microcontroller firmware and real-time control for purpose-built equipment.

> Custom PCB Design & Prototyping

Schematic, layout, prototype and small-batch build, ready for production.

> Sensor Integration & Data Acquisition

Temperature, vibration, flow, energy and counters on one reliable data stream.

> Industrial IoT Gateway Devices

Edge gateways speaking Modbus, OPC UA and MQTT to bring old machines online.

> Automated Barcode / Label Printing

Print-and-apply labelling triggered by the line, with verified codes on every part.

— CONNECT & PROTECT



Network & Security

The plant network is production equipment now. We build it to stay up and keep it defensible.

> Network Support

Design, cabling, switching and maintenance across office and shop floor.

> Endpoint & IoT Security Hardening

Segmentation, access control and patching for machines and connected devices.



Every layer, one partner.

From a single dashboard to a full Industry 4.0 rollout.

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