

## Global Engineering Services & Solutions

Sarla Technologies is a leading Engineering Services and Solutions provider with 18+ years of experience in Industrial Automation, Plant IT, Design Engineering and Software Development. We are the most preferred partners for OEMs, EPCs, System Integrators, Solution Providers and Software Vendors.

Our global presence is spread across India, USA, UK, UAE, Netherlands and France. We have dedicated engineering centers at Mumbai, Pune, Bengaluru in India and Dubai in UAE.

Our proven 'Global Delivery Model', world-class infrastructure and matured project management processes have helped us achieve an excellent track record and customer recognition in Europe, Africa, Middle East, America & APAC region. We work as an extended engineering arm for our global customers and have been a key part of their engineering value chain.



**18+**  
Years of  
Engineering  
Services

**350+**  
Dedicated  
Sarlates

**150+**  
Global  
Clients

**1500+**  
Global  
Projects



### Our Business Offerings

#### Industrial Automation



Control System Engineering

Safety Systems & Drives Engineering

CNC, Motion & Robotics Engineering

24x7 Support

#### Plant IT



Batch Process Modeling

Manufacturing Execution System (MES)

Overall Equipment Effectiveness (OEE)

Pharmaceutical Validation

#### Design Engineering



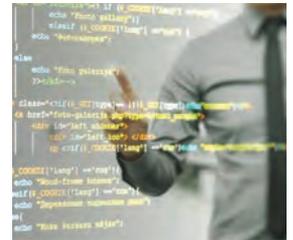
Mechanical & Piping

Structural Engineering

Electrical & Instrumentation

Building Information Modelling (BIM)

#### Industry 4.0



Industrial Internet of Things (IIOT)

Big Data Analytics

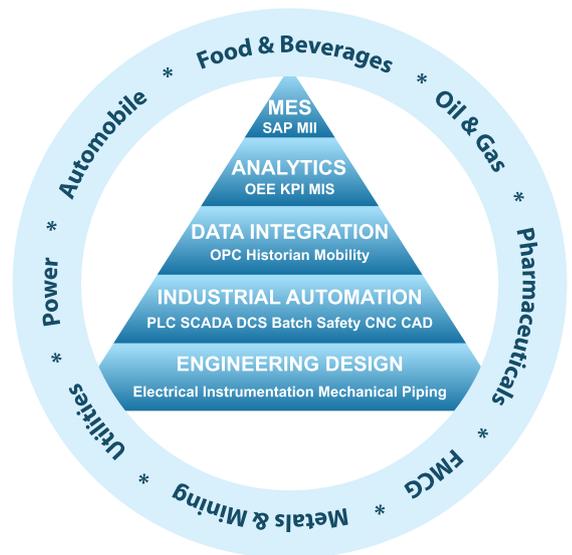
Cloud Computing

Driver & Mobile App Development

At Sarla Technologies, we have rich technical and functional competencies across various industries. We have proven experience of delivering projects as per international standards and global compliance norms.

### Standards & Compliance Experience

- ISA S88 Standards for Batch Processes
- 21 CFR Part 11 Compliance
- GAMP Standards
- ISA S95 for MES & ERP Integration
- IEC 61131-3 Programming Standards
- IEC 61508/61511 Safety Standards
- IEC 60917 Graphical Symbols for electrical drawing
- OSHA, ISO, EU, ATEX, NORSOK, BRAUMAT / CEMAT, etc



## Services and Solutions

### Industrial Automation

- Control Software Development
- SCADA & HMI Engineering
- Testing & Validation
- Installation & Commissioning
- 24x7 Support

### Plant IT

- Recipe Management
- MES Enablement
- Management Information System
- Product Lifecycle Management
- SAP MII
- LIMS

### Design Engineering

- Product Engineering
- Plant Engineering
- Detailed Engineering
- CAD Standardization
- Safety & Simulation
- Building Information Modelling

### Industry 4.0

- M2M & Equipment Interface
- Middleware Platforms
- Data Modeling & Analytics
- Predictive Maintenance
- Real-Time Data Processing

### Services and Solutions



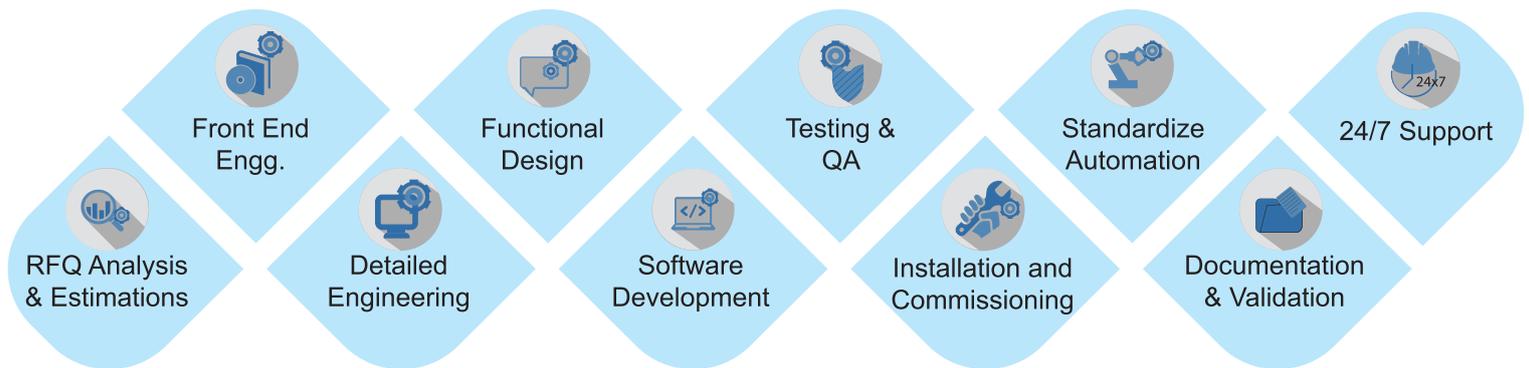
### Electrical Engineering

- MV & LV System Design
- Control Panel Design
- Cable Layout & Routing
- Instrumentation Engineering
- Safety Systems Design

### Software Development

- Microsoft Technologies
- Open Source Technologies
- QA & Software Testing
- Business Intelligence
- Application Server Integration

## Engineering Services from Concept to Commissioning & Beyond



## Our Competencies Across Various Industries

### Food & Beverage

Dairy & Margarine  
Brewery & Beverage  
Soft /Energy drink, Juices  
Chocolate & Biscuit  
Vegetable Oil  
Packaging

### Pharma & Life-Sciences

Drug Production  
Bio-pharma  
API, Formulations  
Capsule Coating  
Filling/ Bottling  
Packaging

### Automotive

Assembly Line  
Power Train  
Engine Assembly  
Paint, Body & Press Shop  
Gantry Operations  
Special Purpose Machinery

### Infrastructure & Utilities

Potable/ Waste Water  
Industrial Gases  
Airport & Building  
HVAC  
Warehouse  
Material Handling

### FMCG & Chemicals

Rubber & Plastic  
Ethanol plant  
Shampoo line  
Toothpaste  
Detergent & hand wash

### Energy & Power

Thermal & Captive  
Renewable  
Turbines & Generators  
Engines & Compressors  
Transmission & Distribution

### Metals, Mining & Cement

Blast/ Ladle Furnace  
Hot/ Cold Rolling Mills  
Raw Material Handling  
Kiln & Cement Mill  
Smelting

### Oil & Gas

Rig Management  
Safety Systems- F&G, ESD  
Subsea System  
Injection Systems  
Terminal Automation

## Flexible Business Models

Sarla Technologies works with flexible operational and commercial engagement models. Customers leverage our services for their projects spanning from couple of weeks of man-hours to multi-year engagement contracts.

### Type of Engagement

**Onsite:** Development, FAT, SAT, Installation & Commissioning, 24x7 Site start-up support, etc.

**Offsite:** Remote Engineering Center, Offsite Project Design & Development

**Hybrid Model:** Right mix of Onsite and Offsite Engineering Services for optimal project cost

### Flexible Commercial Models

Time & Material based model

Fixed cost model

Rate contract agreements for long-term engagements

Collaborative pricing model



## Our Value Propositions

### Our Team's Strength

- Rich industry vertical & process expertise
- Platform independent services
- Proven Global Delivery Model
- Scalable & flexible business models
- Geographically flexible resources
- State of the art infrastructure facilities

### Our Customer's Gains

- Reliable & scalable engineering partner
- One stop shop services & solutions partner
- Technical expertise to execute global projects
- Free up in-house talent for priority work
- Reduce cost & increase business volume
- Confidentiality of information, systems & processes

## Our Key Enablers and How Does It Benefit Our Customers?



**Cloud-based Online Project Management System:** An integrated tool for project documentations and project management particulars like planning, efforts, timesheets, quality metrics, etc.

**Customer Benefits:** It offers customers an online and real-time access to project activities, efforts, progress, etc.



**Quality Management System (QMS):** Our ISO 9001 certified QMS comprises of documents, templates, traceability metrics, escalation mechanisms, project trackers, reviews, KPI monitors, etc.

**Customer Benefits:** Our high quality deliverables that are 'Right at First Time' helps our customers to fulfill project commitments with their clients.



**In-house Visa & Logistics Management:** We have a team of dedicated travel experts to manage global visa processes, logistics, accommodations, etc.

**Customer Benefits:** It enables us to extend geographical flexibility for global project execution with minimal customer involvement for visa, travel and logistics related activities.



**PLC Labs & Virtualization:** We have in-house testing labs with 11 PLCs of Rockwell, Siemens, Mitsubishi, etc. Our IT infrastructure also has virtualization capabilities VMware servers, Webex, etc.

**Customer Benefits:** Our in-house PLC set-ups help us to deliver bug-free projects that ready-to-deploy onsite. Our simulation set-ups helps customers to see the live codes and test them online.



**Knowledge Management System:** Our centralized repository captures key lessons learned from each project executed helping us to develop domain expertise across various industries.

**Customer Benefits:** Add value from the lessons learned and past experience to every project.

Let's connect

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