

## Control System Migration, Upgrade and Expansion Services

Sarla Technologies is an ISO 9001:2015 certified Engineering Services and Solution organisation. We have been providing Control System Migration and Upgrade Services to our Global Customers for the past 18+ years. We have executed more than 250 migration and upgrade projects across various industries.

We have rich knowledge of platform Migrations and Upgrade for various systems like PLC, DCS, HMI, SCADA, Batch, Safety, Drives, CNC, Robotics, etc. We have proven Global Experience of delivering project on all leading platforms like Siemens, Rockwell Automation, Ignition, Wonderware, Honeywell, Emerson, Schneider Electric, Mitsubishi, GE Digital, ABB, KUKA, FANUC, etc.



### What we do in Migration and Upgrade?

End-to-end engineering services from functional design, development, testing, commissioning and 24x7 support for following types of projects:

**Platform Migration:** Cross-platform Migration from one system to other without affecting the current process with minimum downtime. For e.g. Siemens to Rockwell PLC, Wonderware to Ignition SCADA, etc.

**Platform Upgrade:** Upgrading an existing / obsolete control system to its latest version of software and hardware. For e.g. Siemens S5 to Siemens S7, Rockwell SLC/ PLC5 to Rockwell ControlLogix, etc.

**Plant Expansion:** Adding a new PLC, HMI/ SCADA to an existing set of control system. This can be done as a part of brownfield expansion of plant/ assembly line. For e.g. Adding a new control system for conveyor line

### Our Migration and Upgrade Fast Facts

**10+**

Platforms' across legacy & latest versions

**70+**

Migration Projects executed Globally

**160+**

Upgrade Projects executed Globally

### How do we execute Migration & Upgrade?



**Requirement Capturing**

Study of any available inputs such as process documents, old software back-ups, system images, specifications, etc.



**Reverse Engineering & Feasibility Study**

Site survey (if required), feasibility study, fixed price proposal which includes software and hardware architecture & BOM



**Design Specifications**

Prepare migration/ upgrade plan, procedures, define Software and Hardware specifications to cover all basic and advance functions.



**Application Engineering**

PLC/ DCS, SCADA /HMI application development & testing using in-house / customer tools, libraries, manual migration



**Commissioning & Handover**

Onsite / Remote commissioning as per migration plan, FAT, SAT, Operator training and As-Built Documentation.

## Our Success Stories in Migration and Upgrades

### Control System Migration for an Automation OEM at a leading Brewery in Belgium

**Scope:** Migration from Siemens S5 to Rockwell ControlLogix PLC for a Brewery plant PLC & SCADA Engineering, FAT, Commissioning & remote support

**Hardware & Software:** Rockwell ControlLogix L75 system & FT View SE SCADA.

### Control System Migration for a System Integrator at a leading Soft Drink Plant in UK

**Scope:** Migration from ABB SattCon system to Siemens TIA Portal with PLC & SCADA application development, Integrated Testing, Commissioning.

**Hardware & Software:** PLC- Siemens TIA Portal, SIMATIC S7-1500

### Control System Upgrade for an Automation OEM at a major Oil & Gas Refinery in KSA

**Scope:** Control System upgrade from Honeywell EPS to Honeywell EPKS with DCS development, FAT and onsite commissioning

**Hardware & Software:** Honeywell EPKS

### Brownfield Expansion for System Integrator at a Water Treatment plant in UK

**Scope:** New Control Systems for additional equipment. Application engineering for PLC and HMI, Remote FAT and Commissioning

**Hardware & Software:** PLC- Rockwell ControlLogix, HMI- PanelView Plus

**Customer Testimonials** *"We thank Sarla team for using their in-house libraries to help us on migration project where we had no knowledge of the existing platform."*

- Project Manager, Automation OEM in Europe

*"We thank Sarla team for their expertise on legacy Siemens systems that helped to upgrade our customer's control systems to Siemens TIA Portal"*

- Automation Manager, System Integrator in USA

## Key Enablers for Migration & Upgrades

**Smart in-house Libraries and Tools:** We have developed in-house libraries, migration / upgrade excel-based tools for various software platforms.

**Experience Center & PLC labs:** In-house center with Industrial skid having sensors, temperature & pressure gauges. PLCs- Siemens, Rockwell, etc.

**Rich knowledge of Standards:** Hands' on knowledge of 10+ automation platforms and standards like ISA-88, ISA-95, GAMP, PackML, etc.

**Online Project & Quality Management Tool:** Cloud based project and quality management tool to track the development of the projects.

## Our Value Proposition

**Specialists in Migration & Upgrade:** Proven experience of Global migration & upgrades

**One Stop Shop:** For various Engineering Skills- Automation, Design, Plant IT projects.

**Rich process knowledge:** Across 10+ industry verticals where we have delivered 1500+ projects.

**Multi-skill engineers:** Same engineers can program, test, commission and support projects.

### 24x7 Support across all time-zones

'Follow-the-sun' model based continuous run-time support, even during Christmas.

Let's connect

[www.sarlotech.com](http://www.sarlotech.com)

[sales@sarlotech.com](mailto:sales@sarlotech.com)



Mumbai, India (HQ)

+91 22 6785 2300



Pittsburgh, USA

+1 412 928 2052



Paris, France

+ 33 7 81 84 74 02



Milton Keynes, UK

+44 1908 082264



Dubai, UAE

+971 4 2954821



Haarlem, Netherlands

+31 6 15203446