

Warehousing and Material Handling Industry

Sarla Technologies has rich experience in Warehousing and Material Handling Industry. Over the past 18 years, we have provided reliable engineering services for different types of intra-logistics, production-logistics, robotic material handling processes and systems.

We have proven process and functional experience on warehousing and material handling equipment for various industries like FMCG, Food & Beverage, Pharmaceutical, Automotive, Infrastructure & Utilities, Energy, Oil & Gas and Metals & Mining.



We have also developed rich experience on various industry specific standards like IES, ASME, OSHA, ISO, IEEE, DIN, EU, GMP, ANSI, BS, IS, etc.

Our Experience on Various Types of Systems & Processes

Storage & Handling Equipment

Racks, Shelves & Bins
Automated Storage & Retrieval Systems (ASRS)
Conveyors

Robotic Handling System

Gripping Systems
Robotic Arms & Delivery System
Pick & Place Robots

Sorting Systems

Sorters & Order Pickers
Side Loaders
Automated Guided Vehicles (AGV)

Bulk Material Handling Systems

Baggage Handling System
Gantry & Overhead Cranes
Port Cranes

Services and Solutions Portfolio

Industrial Automation

PLC/ DCS & Safety System Engineering
HMI/ SCADA Engineering
Application Engineering
Testing
Installation & Commissioning

Plant IT Solutions

MES Enablement
Integration with Management Information System (MIS)

Design Engineering

Electrical Engineering
Mechanical Engineering
3D Modelling
2D Drafting
Cable Tray Routing
Electrical Symbol Library

Software & IoT

Remote Monitoring Solutions
Predictive Analysis
Mobile & Web Application Development
QA/ QC & Testing

Our Success Stories in Warehousing and Material Handling Systems

eCommerce Automation for a Leading Logistics Solution Provider in Netherlands

End-Client Application: eCommerce Intra-logistics using ASRS, Robotics & Conveyors.

Scope: PLC Application development, Hardware installation & Commissioning, Establish integration with warehouse management system and sorter.

Hardware & Software: Siemens S7-319 PLCs, Kings' Drives, Leuze Scanners.



Automation of Baggage Handling System for Leading Automation OEM in Dubai

End-Client Application: Cargo Material Handling Conveyor control & Baggage sorter at Dubai Airport.

Scope: PLC Application development, SCADA screen design & development, Simulation, Testing, Pre-Commissioning and Commissioning support.

Hardware & Software: Siemens S7-300 PLCs, SCADA - Siemens WinCC.

Industrial Automation Engineering for a Leading System Integrator in Ireland

End-Client Application: Bulk-bag Pallet Line for a Global Nutrient Manufacturer.

Scope: Transition from SAP control to PLC Control, Development of PLC codes and HMI Screens. Integration of handheld wireless scanners

Hardware & Software: ControlLogix L-71, Siemens TIA Portal, Cognex Scanner, FT View ME 7.0.



Software Application for Material Handling System at a Leading System Integrator in UK

End-Client Application: Track, Record and Process Tablet Production for Pharma Company.

Scope: Implement AMHS interface to communicate with conveyors, Trolleys, AGVs, etc. System controlled data transfer within the factory.

Software: ASP.NET, MVC 3, Angular JS, JQuery, Node.JS, C#, SQL Server 2012.

Our Value Propositions

Our Team's Strength

- Rich experience in Material Handling processes
- 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

Let's connect

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