



SIEMENS

Totally Integrated Automation
in the Digital Enterprise

lalansrautomation.com

CHAIRMAN

Lalan Group is a diversified conglomerate with expertise in over 12 sectors and has been in operation since 1940 with branch offices in UK and USA. Lalan has an extensive global network encompassing pan-industry interests in rubber, tea and other plantation crops (such as cardamom, cinnamon and coffee) Reforestation, renewable energy, manufacturing and service industries, engineering and the leisure sector.

The engineering services are the flagship subsidiary of the Group. The Group which started primarily as a rubber commodity trading operation three generations ago in Sri Lanka has expanded, developed and modernized its operational modalities in keeping with global changes. Astute recognition of business opportunities and consolidation of the value chain have been the main catalysts in identifying strategic imperatives for growth. Built into this expansion since inception, is an extraordinary focus on sustainable practices which are far in excess of industry standards and compliance. Quality and customer-centricity take precedence in Lalan's customer relations, with an accent on developing long term relationships underpinned by Lalan's solid reputation and values.



LALITH HAPANGAMA
CHAIRMAN - LALAN GROUP

CEO



An Alumni of the IMB and Engineering from India, possess over 25+ years of Experience in various fields of Manufacturing/Sales & Services and Marketing in Sri Lanka and Overseas. He has represented organizations such as JK Synthetics, Welspun Group, Thermax Ltd, Midas Safety and now With Lalan Engineering (Pvt) Ltd.

LEPL was established in 1995 and since then has played a major role in the space of Energy & Environment and expanded horizons to Process & Project Management, Consulting etc., in association with Globally Renowned Organizations. The company as part of its commitment to providing superior service to its customers has been restructured and reinforced with qualified and experienced professionals at all level.

Our indistinguishable features include technical excellence, integrity, high quality and value added services to customers in Sri Lanka. Our association with the industry and country for long period provides us with the unique feature of understanding customer requirements and accordingly provide right solutions. We continue to grow strength to strength with the support of our existing clientele and look forward to reaching greater heights

In an era of highly competitive environment & fast changing technology, LEPL wishes to play its role of providing cost effective solutions in the space of energy and environment, Project Management and also reduction of carbon footprint.

RADESH CHIGULLAPALLI
CEO/DIRECTOR - LALAN SR AUTOMATION
LALAN ENGINEERING

JV PARTNER

In the dynamic landscape of today's industries, the demand for innovative solutions that enhance efficiency, reliability, and sustainability has never been greater. At **Lalan SR Automation system**, we are at the forefront of this revolution, providing cutting-edge industrial automation solutions designed to propel your business into the future.



RAVINDRA RANADE
DIRECTOR OF RANADE'S SR SYSTEMS

COMPANY PROFILE

Lalan S R Automation Systems, a subsidiary of Lalan Group of Companies is a JV company between Lalan Engineering Pvt Ltd, Sri Lanka & Ranade's SR Systems Pvt Ltd located in Mumbai, India and involved in the core business of providing solutions for Industry 4.0 with Technical excellence, Integrity, High quality and Value added services to customers. The company is being appointed as a new authorized representative for Siemens Ltd for their Automation and Drives products for Sri Lanka territory.

Our core areas of expertise are in selection of Siemens range of products (PLCs, HMIs, SCADA, VFDs, Servo drives, etc.), Sales, Detailed Engineering, System Designing, Software Development, and Commissioning & Service Support in the field of automation system integration and Supply of automation and drive products of Siemens. We also provide turnkey solutions & expertise for automation projects from concept to completion.

Our JV partner from India with over 25 years of experience with a strong technical & engineering team is a leading solution provider of Industrial Automation & Process Control Systems, Instrumentation, Software Development, Engineering Solution and Services and has been associated with Siemens Ltd. from 1998 and has become a well-known authorized system house of Siemens.



VISION

To be a preferred partner of our customers in the field of Energy & Environment, Process & Project Management through our innovative & sustainable engineering solutions

MISSION

Proactive approach to Customer's needs & maximization of stakeholder's interest.

WHY US ?

We have been able to be counted among the leading firms of this domain due to our qualitative products and services. Our transparency in dealing and ethical trade practices has enabled us to gain the confidence of large number of patrons across the world. Apart from these, there are varied other factors that are considered to be of utmost importance behind the enormous success of our organization.

Our project methodology has enabled clients with consistent project execution, reduced concept to delivery times, reduced start-up times and overall reduced project costs. Business philosophy is to exceed the customer's expectations while providing an efficient, cost effective solution.

PRODUCT & SERVICES



Solution Partner

Automation Drives

Authorized Distributor for Siemens Automation Product

- PLCs & HMIs
- Motors, VFDs & Servos
- Programming Software's

Manufacture, Installation, Commissioning & Servicing of Conventional Electrical Control Panels

- VFD Panels
- PLC Panels
- MCC Panels
- Control Desk etc.
- Manipulators

Application software development, installation & Commissioning

- PLC, HMI, SCADA Systems
- AC-DC drives
- Servo drive

Up-gradation of machine and retrofitting and control system migration

- Software Upgradation
- Hardware Upgradation
- Non Siemens to Siemens Conversion
- Robotic Handling Automation

24x7 Machine Breakdown support

- PLC/ HMI / SCADA/ VFD/ SERVOBased Breakdown Support
- Annual Maintenance Contracts (AMC)

INDUSTRIES WE CATER TO

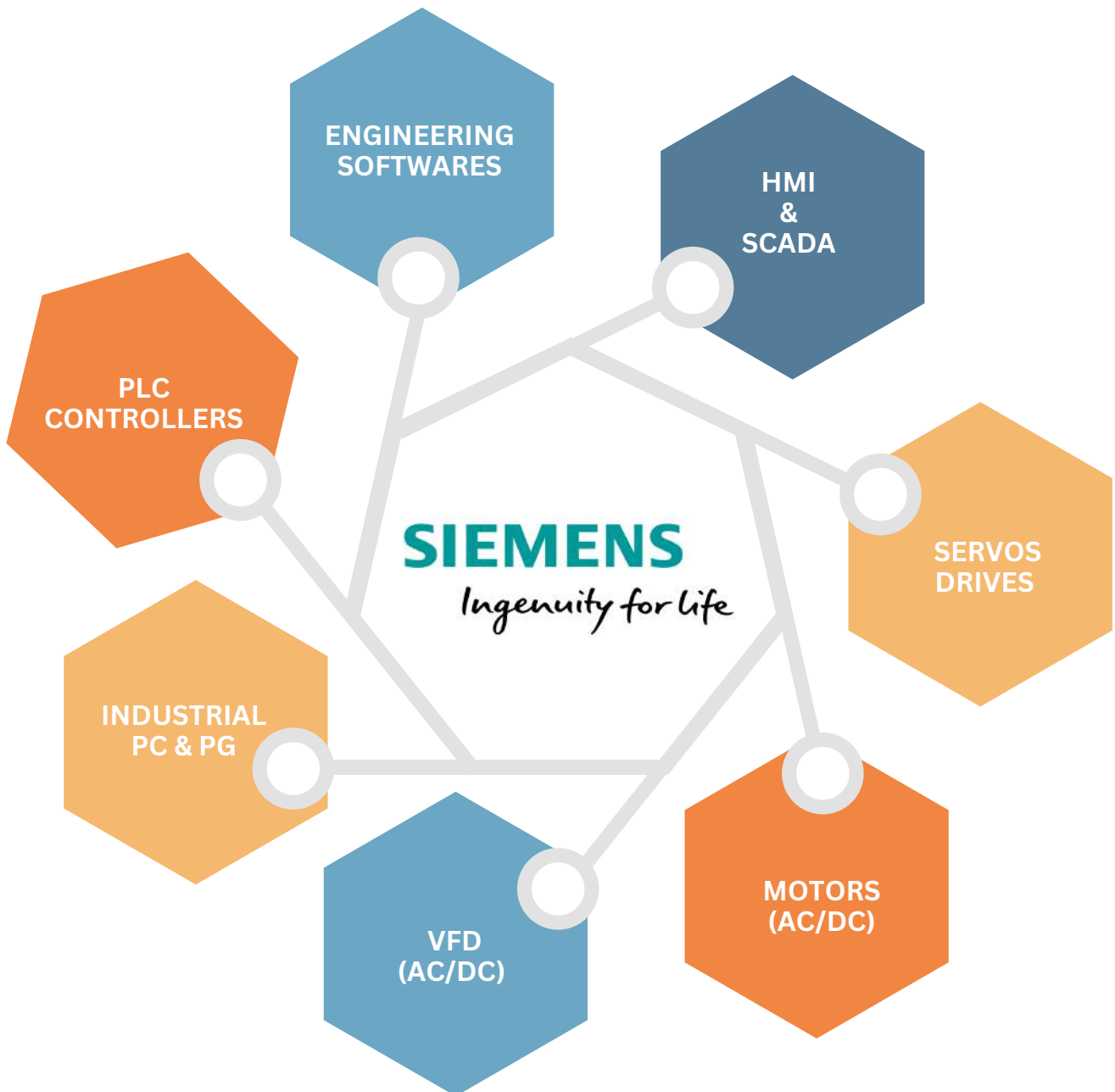
By serving the flawless range of Automation product and services, we successfully cater to diverse industries such as

- Cement
- Textile
- Automotive
- Glass
- Petrochemicals & Fertilizers
- Plant Manufacturer
- Chemical
- Printing
- Robotic (Manipulators)
- FMCG/Food
- Tire manufacturing
- Iron/Steel
- Universities
- Machine manufacturer
- Pharmaceutical
- Packaging
- Plastic
- Furnace

The products, we supply, are demanded widely due to the efficient performance and long service life.



PRODUCT CATEGORIES



PRODUCT RANGE

PLC RANGE



LOGO! Series

Perfect for smaller automation tasks and simple control applications



S7-1200 Series

Ideal for compact automation tasks, providing a cost-effective solution with integrated communication



S7-300 Series

Designed for mid-range applications with a wide range of communication options.



ET 200SP

Distributed automation components



S7-400 Series

Suited for large and complex applications, delivering high processing power and connectivity



S7-1500 Series

Offering high performance and scalability for complex applications, ensuring long-term reliability

VFD RANGE



SINAMICS V20

Compact and cost-effective, designed for basic applications while ensuring reliability.

Range: 0.12 kW to 30 kW



SINAMICS G120

A versatile drive designed for various applications, offering modular functionality for customization.

Range: 0.55 to 250 kW



SINAMICS G130

A chassis unit for variable-speed drives in machine building and plant construction.

Range: 110 kW to 800 kW



SINAMICS G120X

Ideal for infrastructure and industrial applications, providing reliable control and energy efficiency.

Range: 0.75 kW to 630 kW



SINAMICS S120

A high-performance drive suitable for complex motion control applications, providing flexibility and precision

Range: 1.6 kW to 107 kW



SINAMICS DCM

Robust DC converter modules for drive solutions demanding high performance and reliability.

Range: 2.2 kW to 30 MW

HMI RANGE



Key Panels

Compact and user-friendly, these key panels are suitable for simple machine control tasks



Basic Panels

These cost-effective HMIs provide essential functionality for basic applications, ensuring reliability and simplicity.



Mobile Panels

Designed for mobile and flexible operation, these panels enable control from anywhere within the network



Operator Panels

These panels provide a balance between performance and cost, making them suitable for a wide range of applications



Comfort Panels

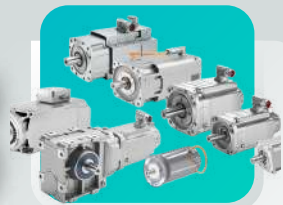
These high-performance HMIs are ideal for demanding applications, offering advanced visualization and control capabilities



Unified Panels

stylish, extremely fast, flexible to use, and offer limitless opportunities for visualization.

SERVO RANGE



S Servomotors

These high-performance servomotors are designed for demanding applications, providing precision and speed.



SIMODRIVE Servo Drives

Offering advanced control for your servomotors, these drives ensure accuracy and reliability



S120 Servo Drives

These drives are designed for demanding motion control applications, delivering flexibility and precision.



Motion Controllers

Providing advanced motion control capabilities for complex applications, these controllers are highly adaptable.



SINUMERIK CNC Systems

Ideal for machine tool applications, these CNC systems ensure precision and efficiency.



SINAMICS DCM

Robust DC converter modules for drive solutions demanding high performance and reliability.

MOTOR RANGE



SIMOTICS Motors

High-performance motors suitable for a wide range of applications, offering efficiency and precision



SIMOTICS Servomotors

Precision servomotors designed for demanding motion control applications, ensuring accuracy and flexibility.



SIMOTICS Main Motors

Ideal for a variety of drive applications, these motors offer high reliability and efficiency.



SIMOTICS T Motors

Compact and energy-efficient motors designed for challenging applications.



SIMOTICS HV Motors

High-voltage motors for heavy-duty industrial processes, offering power and durability.



SIMOGEAR gear motors

offers a complete range of geared motors in all gear unit types with a wealth of product advantage as part of the most comprehensive, integrated drive.

SOFTWARE



TIA Portal

TIA Portal is a unified engineering framework that brings together various automation tasks into a single platform.



Simatic Manager - v5.X

A powerful engineering tool designed for the configuration, programming, and maintenance of Siemens' Simatic PLCs (Programmable Logic Controllers).



WINCC Classic - 7.X

continues to be a foundational tool in the field of SCADA, contributing to the efficiency, safety, and reliability of industrial automation systems.



WINCC (flexible/RT/Unified/Pro)

comprehensive automation solutions, contributing to the efficiency, safety, and reliability of industrial processes across a wide range of industries.



PM Analysis

offering a proactive and data-driven approach to equipment maintenance.



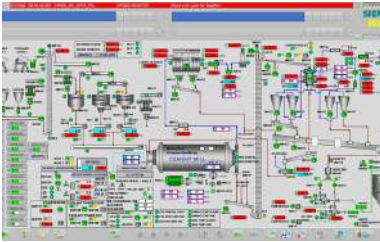
PCS - 7

A leading process control system that empowers industries to achieve operational excellence through advanced automation and control.

FIELD OF EXPERTISE

CEMENT INDUSTRY

Unleash the power of cutting-edge SCADA and automation solutions in your cement manufacturing facility. Our expert team has successfully implemented SCADA and automation systems in both Cement **grinding and packing plants, delivering unparalleled efficiency, quality, and control. Elevate your cement production** processes to new heights with our innovative technology. Discover how we're redefining automation in the cement industry.



- **PACKING PLANT AUTOMATION - S7-400 TO S7-1500 MIGRATION AND SCADA DEVELOPMENT**
- **CEMENT GRINDING PLANT - TOTAL AUTOMATION SOLUTION INCLUDING SCADA SYSTEMS, CONTROL PANELS INSTRUMENTATION AND CABLE MANAGEMENT.**
- **CUSTOMIZED CONTROL PANELS FOR UTILITY REQUIREMENT**

TYRE INDUSTRY

With opportunity to execute automation and drive solutions in this segment, using cutting-edge technology such as Totally Integrated Automation from Siemens, Tyre manufacturers are able to fulfil demand for new and retrofit solutions, in the process sustaining their profitable business.



- **RUBBER COMPOUND MIXING MACHINE**
- **CURING PRESS MACHINES**
- **TSS LINE - VFD OF REPLACEMENT 90KW AND COMMISSIONING**
- **SKIVER CUTTER**
- **CHEMICAL WEIGHING SYSTEM AUTOMATION**
- **OIL WEIGHING SYSTEM AUTOMATION**
- **CARBON WEIGHING SYSTEMS**
- **RUBBER EXTRUSION MACHINE BOTH HOT & COLD EXTRUSION**
- **RUBBER 2ROLL CALANDER LINE**
- **RUBBER HYDRAULIC PRESS**
- **VACUUM SYSTEM OPTIMIZATION OF CURING PRESS LINE**
- **DEMAND BASED PUMP AUTOMATION FOR CURING PRESS LINES.**

FIELD OF EXPERTISE

FOOD INDUSTRY

Discover how our cutting-edge automation technology can streamline your food production processes, increase efficiency, and ensure consistent product quality. Our experienced team specializes in delivering tailor-made automation solutions for the food industry. Whether you're a small-scale food manufacturer or a large-scale processor, we've got the expertise to optimize your operations. Embrace the future of food production with us!"



- **PROCESS AUTOMATION INCLUDING SCADA SYSTEM & CONTROL PANEL FOR CHOCOLATE CONCH SYSTEM - S7-1500 AND WINCC SCADA BASED SYSTEM.**
- **TEA PULP EXTRACTION MACHINES - RETRO FITTING OF S7-300 CONTROL SYSTEMS INCLUDING PROGRAM MODIFICATION.**
- **OATS FLOUR WEIGHING MACHINE - PROGRAM MODIFICATION AND CALIBRATION OF SYSTEM**
- **BULK FLOUR PACKING MACHINE - PROGRAM MODIFICATION AND CALIBRATION OF SYSTEM**
- **THERMIZER - PLC BASED BREAKDOWN TROUBLESHOOTING.**
- **PULP MIXER SCADA BACKUP AND RESTORATION**
- **TEA LEAF DRYER - TROUBLESHOOTING OF VFDS**

BUILDING SERVICES AND HVAC



As a leading provider in building services and HVAC solutions, we take pride in delivering cutting-edge projects that redefine efficiency, comfort, and sustainability



- **VERTICAL HIGH RISE CAR PARK AUTOMATION - S7-1200 & ET200SP BASED SYSTEM**
- **COOLING TOWER AUTOMATION - G120XA VFD BASED SYSTEMS**
- **AHU SYSTEM AUTOMATION**
- **CO2 MONITORING SYSTEM**
- **WATER HIGH PRESSURE CONTROL WITH DUTY CYCLE**

FIELD OF EXPERTISE

ROOF & STEEL



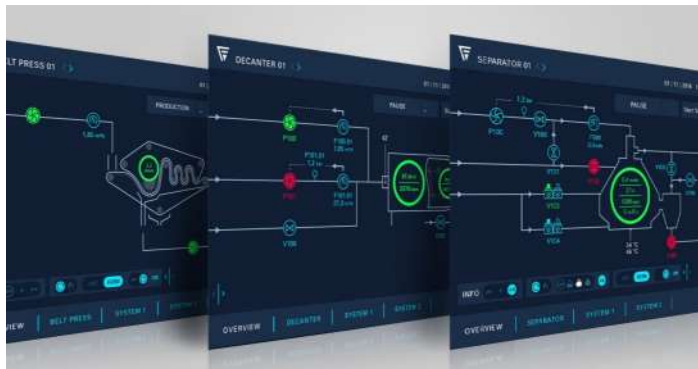
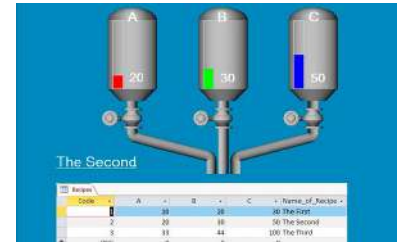
With the advent of automation implementation in roof industry, productivity & Quality of the roofing industry has been scaled up to large extent.



- **AMANO ROOF CUTTING MACHINE - AUTOMATION**
- **SHEET CLAMPING MACHINE - BREAKDOWN**

PRODUCTION DATA MONITORING, VISUALIZING

Discover the power of automation in our comprehensive production data management solution. Our system excels in real-time production data monitoring, visualization, data logging, and report generation. Harness the expertise of our automation specialists to optimize your processes and drive efficiency.



- **PLANT PRODUCTION DASHBOARD**
- **PREDICTIVE ANALYSIS DASHBOARD**
- **OEE & KPI ANALYSIS**
- **IOT BASED CONTROL & MONITORING**
- **DATA LOGGING, ANALYSING & REPORT GENERATION**
- **ENERGY MONITORING & ANALYSIS**
- **CO2 & GAS MONITORING SYSTEM**

FIELD OF EXPERTISE

GLOVE INDUSTRY



Our automation solutions and breakdown support have been instrumental in serving the specialized needs of the medical and safety glove manufacturing industry. Rely on our expertise to ensure seamless operations, quality production, and minimal downtime in this critical sector.

- **AUTOMATIC LATEX GLOVE DIPPING MACHINE - BREAKDOWN SUPPORT**
- **CHLORINE LATEX GLOVES WASHER - PLC BASED BREAKDOWN TROUBLESHOOTING**

BOILERS & HEATERS



Our expertise extends to numerous factories, where we've revolutionized operations through Siemens-based automation. By enhancing the efficiency of boilers and heaters, we've empowered industries to reduce energy consumption, cut costs, and increase overall productivity."

- **INSTALLATION OF VFD FOR ID/FD FANS**
- **PLC PROGRAM MODIFICATION TO OPTIMIZE EFFICIENCY OF THERMIC OIL HEATERS**

FIELD OF EXPERTISE

SPARE PARTS



Our commitment to excellence extends to every industry. We've supplied Automation spare parts to a wide range of sectors, ensuring operational continuity and reliability in each. Count on us for your spare part needs, no matter the industry you're in "Below are few sectors we've served with precision and dedication



- ALL RANGE OF SIEMENS PLC, HMI, AND VFDs
- ALL RANGE OF SIEMENS AUTOMATION SOFTWARES

- ALL RANGE OF SIEMENS AC/DC MOTORS & SERVOS
- ALL KINDS OF MANIPULATORS

INSTITUTIONS



NURTURING FUTURE TALENT FOR INDUSTRY ADVANCEMENT

WE ARE PROUD TO SUPPORT UNIVERSITIES AND EDUCATIONAL INSTITUTIONS IN TRAINING AND DEVELOPMENT PROGRAMS FOR AUTOMATION. OUR PLC AND SCADA TRAINING KITS EMPOWER STUDENTS TO GAIN PRACTICAL SKILLS AND KNOWLEDGE, PREPARING THEM TO LEAD THE INDUSTRY INTO A BRIGHTER FUTURE.



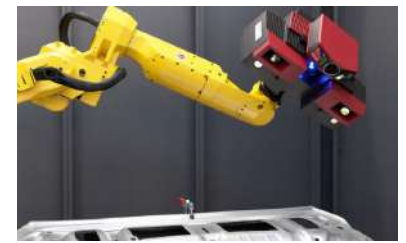
We specialize in the supply and installation of a diverse range of industrial robotics arms and manipulators. Elevate your industrial processes with cutting-edge automation tailored to your specific needs.

Key Highlights:

- Comprehensive Supply: Explore a diverse catalog of industrial robotics arms and manipulators.
- Expert Installation: Trust our skilled technicians for seamless and precise installation.
- Tailored Solutions: Find the perfect match for your industrial requirements with our customized offerings.
- Precision in Action: Witness unparalleled efficiency and accuracy in your operations.
- Enhanced Productivity: Experience a boost in overall productivity through advanced automation.

Join the future of industrial excellence with our supply and installation services for industrial robotics arms. Contact us to explore how automation can transform your operations.

We are the Authorized Association of iTech Robotics and Automation Pvt. Ltd. in Sri Lanka



PRODUCT RANGE

- **ARC WELDING AUTOMATION**
- **SPOT WELDING AUTOMATION**
- **MATERIAL HANDLING AUTOMATION**
- **CUSTOMIZE HANDLING MANIPULATOR**
- **VISION & INSPECTION SYSTEMS**
- **PRESS LINE AUTOMATION**
- **BATTERY ASSEMBLY AUTOMATION**
- **SPECIAL PURPOSE MACHINES**

OUR CLIENT BASE

TYRE INDUSTRY



CEMENT INDUSTRY



GLOVE INDUSTRY



STEEL & ROOFING



BUILDING SERVICE



TEA



FMCG



OTHER INDUSTRIES



ENGINEERING, TRADING & FREELANCEERS



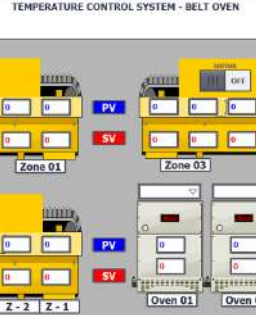
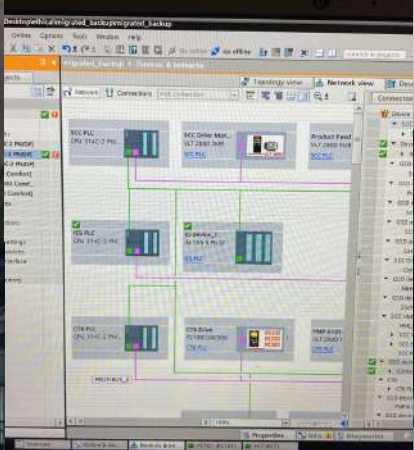
EDUCATION SECTOR





WE ARE EXPERT IN
DIAGNOSING & TROUBLESHOOTING

ANY
BRAND
LOCATION
BREAKDOWN





SR Automation Systems

Authorized system house of SIEMENS

Solution
Partner

Automation
Drives

SIEMENS



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Sri Lanka



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