



SUN Industrial Automation & Solutions

Company Capability Profile

SUN industrial automation & solutions (SIAS) is a fast upcoming electronics and automation company having deep presence in verticals like power, Water and Telecom. Started in the year 2000 with the vision of bringing the latest technology in a cost effective manner to its customers through its offering. SIAS has been posting robust growth crossing Rs . 450 Million in revenue during financial year 2008-09 The company is managed by professionals who have rich experience in the field of automation and electronics. The company is accredited with **ISO 9001:2008** for Quality and with high **SMERA** rating for a disciplined financial performance.



SIAS - Padappai facility (located in growing industrial area)

SIAS growth has been primarily driven by its transparent business approach, strong customer focus, adherence to quality and post sales support for its offerings. SIAS has strong business association with the following industrial houses and executed prestigious projects for several government institutions:

Mahindra & Mahindra
Larsen & Toubro Limited
Ashok Leyland
Escorts
Jindal
BSNL

Nuclear power Corporation
Bhaba atomic research corporation
ECIL
Airport authorities of India
Mumbai Municipal Corporation
Tamil Nadu Water & Drainage board



Control and Automation Services

Partnership with



120 + Employees
Delivered more than
20,000 Panels

Strong Post Sales Training Support



Development Centre



Wire Harnessing



Test Rigs for Testing Various Products



Computerised Product Test Rig



Turnkey Solution

The solutions often offered are on a turnkey basis involving design, Engineering, supply of PLC hardware, Control panels, bought-out items, Software, erection & commissioning of the complete system and post sales support (AMC & OMC) in the following domains.

- Water treatment
- Water distribution
- Waste water treatment plant
- Power generation
- Power distribution
- Energy management
- Airport Modernization
- Rubber Batching Solutions

Panel Design and Installation

The Company also offers Low tension (LT) control panels such as Genset control panels, AMF panels, MCC panels, Instrument control desks, Field termination panels etc. The group has delivered and installed over 20000+ panels for gensets of different manufacturers, capacities across different geographic locations in India.

Post Sales Support

To render prompt post-sales support to customers **Central Maintenance Support Desk** is maintained to handle minor complaints over phone. In case the problem could not be resolved, it will be handled by 15 member strong on-site support team stationed across various locations of the country. There is a well documented escalation procedure in case issues are not resolved within the agreed period.

Manufacturing Tools

The panel assembly is equipped with all the mandatory production and testing equipments to ensure defect free production. The following are some of the equipment presently available:

- Automatic wire cutting machine.
- Hydraulic crimping machines
- Crimp force monitor
- Torque adjusted electrically operated screw drivers
- Electrically operated nut drivers.
- Temperature controlled soldering stations
- IC testers
- Simulators for panel testing
- HV tester
- Meggers
- Signal calibrators
- Power analyzer
- Digital Storage oscilloscope

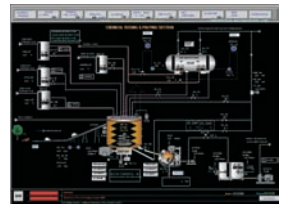
Rubber Batching



PLC Panels



SCADA Systems



MCC Panels



ATS Panels



Compact AMF Panels





Engine Control Panel



Genset Control Station



AMF Controller



Multi-Zone Temp Scanners and Data Loggers



Alarm Annunciators



Home UPS



GPRS Connectivity



Research & Development

The success of this growing enterprise lies in its ability to come up with reliable and commercially viable embedded solutions for any type of customer requirements. The strong R&D team of the company with their wide experience in the field of process instrumentation, Power electronics and wireless technologies are able to provide right type of solutions to the customer .meeting their techno commercial demands.

We have in-house facility to design the hardware and software required for any embedded development. The development team is fully familiar with controllers with 8051 core and ARM core. The applications are developed on Assembler /C environment.

Component Sourcing

The Components are source by us either importing them directly or through major distributors in India. The components undergo rigorous incoming inspection before they are used in the assembly. We are currently sourcing more than 500 items from 50 different sources for our operations.

Electronic Products and Systems

The company offers range of products for genset monitoring and control, process industries, wireless applications, surveillance, power backup solutions of various capacities for home and commercial establishments.

Outsourcing

Some of our assembly processes are outsourced to augment our production capacity. We have a rigorous process to select the right vendor. We have well established system to monitor the performance of the vendor both in terms of delivery and consistent quality.

Quality Assurance

- Well documented quality procedures
- Type testing as per IS standards
- Line production techniques to ensure consistency and productivity
- Custom Designed Computerized test rigs ensuring - Continuous run, automatic simulation of all conditions.
- Automatic recoding of results and failures.
- Root cause analysis of failures to arrest recurrence of failures in future

Product Validation Centre



Product Testing



Home UPS Line Assembly



Line Assembly



Panel Testing



ISO Certification





Company Capability Profile



Guindy Facility –18,000 sft

SIAS is currently focusing on delivering next generation remote monitoring platforms that works seamlessly with different classes of end device controllers. SIAS places an emphasis on providing highly extensible software and hardware platforms that provide a solid, yet flexible core. This flexibility speeds up the adoption of platforms for monitoring newer types of devices.

SIAS derives competitive advantage from its excellent track record, product strategy, and the expertise of its team. The team is a group of extremely talented industry professionals. The team experience is the product of years of direct and indirect working association with the successful computer, networking and electronic companies.

About SUN Industrial Automation & Solutions

SUN Industrial Automation & Solutions (SIAS), a well known name in Automation Industry over a decade has also diversified their operation to provide safety and power backup solution for telecom and Consumer electric products. SIAS has huge installation base in each one of these segments.

SIAS has excellent track record in designing appropriate automation solutions using suitable communication technologies for effective data acquisition and monitoring. The contemporary technologies such as GPRS/GSM/Ethernet/RF are used in its solutions and products.

The embedded division of SIAS constantly brings out cost-effective products for verticals such as genset, power backup, process control and wireless applications. The products are designed and developed by the in-house R & D team. The products are validated by independent agencies like ETDC, Sameer according to IS and IEC specifications. The products' life cycle are validated through endurance rigs custom developed for this purpose.

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