

SIMOTECH



Solution
Partner

Automation
Drives

SIEMENS

Company Profile



Introduction

Together, Management have 50 years of "Siemens Product Experience" to ensure that our customers receive the correct product the first time.

We have a Level 2 (two) B-BBEE procurement with 125% recognition.

Our product knowledge, expertise and outstanding service levels will ensure that your plant runs optimally with the least possible downtime!!

Origin

Simotech, was established after Siemens AI / DT closed the branch in 2004, and has been awarded the best distributor award ever since.

Simotech is the leading Electrical Engineering Supply Company in Mpumalanga, delivering breakthrough innovations by assisting our customers with a unique competitive edge, to obtain maximum plant availability.

Our specialties range from plant Automation, Variable speed drives and intelligent equipment, to the supply of single electrical motor or contactor, as required by our customers.

Together, management has more than 50 years' experience in the electrical and instrumentation field, and can assist our customers with the correct solution, the first time.



Vision Statement

- We will be the most successful electronic and electrical business solutions provider in Southern Africa.
- We will continue to partner with customers in a professional, proactive and self-critical manner to create mutual business value.
- We will expand into new markets and develop our customers base with high local value add.
- We encourage the development of customer focused and passionate employees to deliver innovative business solutions to our customers.
- We will embrace the diversity and Values of our people and society.
- We will be an employer of choice.
- We commit to the highest ethical standards in our relationship with all our stakeholders by practising good corporate governance.
- We are committed to sustainable transformation through Black Economic Empowerment.
- We will continue to be a valued corporate citizen, by delivering on our social responsibilities.



Siemens Products

Siemens Automation

Siemens LOGO! Logic Module
Simatic S7 PLC Hardware and Software
Simatic TIA Portal
Simatic Human Machine Interfaces
Simatic PCS 7 Process Control System
Simatic Industrial Communication

Siemens Process Instrumentation

Sitrans P - Measuring Instruments for Pressure
Sitrans T - Measuring Instruments for Temperature
Sitrans F - Flow Meters
Sitrans L - Level Instruments

Siemens Squirrel Cage Electric Motors

Siemens Low Voltage Electrical Squirrel Cage Motors
Slipring Motors
High Voltage Electric Motors

Siemens Switchgear

Old and New Conversion
Air Circuit Breakers
Circuit Breakers & Isolators
MCB's & Fuses
Contactors & Relays
Soft Starters
Overloads
Simocode
Power Monitoring Device
AS-I
Simirel Relays
Limit Switches
Push Buttons

Siemens VSD

Low Voltage Variable Speed Drives
RS232 Communication
Sinamic's G150
DC Drives
Profibus Communication
Profinet Communication

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Services

<u>Variable Speed Drives</u> <ul style="list-style-type: none"> • Breakdown assistance on VSD's and PLC's. • Commissioning of VSD and PLC systems. • Upgrading of old equipment – engineering and sizing of equipment. • Maintenance contracts – for the maintaining of automation and drive equipment. • VSD cleaning on site. 	<u>Manufacturing and Construction</u> <ul style="list-style-type: none"> • Control Panel Building • Junction Boxes • Cable Rack Installation • Cable Installations • Wiring Terminations • Fibre Optic Cabling Installations and Splicing • Blown Fibre
<u>Designs and Drawings</u> <ul style="list-style-type: none"> • P&ID • Control System Architecture Drawings • Control Network Diagrams • Instrument and Signal Indexes • Instrumentation Datasheets • Instrumentation Hook-up Diagrams • System Power Distribution Drawings • PLC Module Rack Layouts • PLC Hardware and Panel Layouts • PLC Panel Wiring Diagrams incl. Power Distribution • Junction Box Layouts • Junction Box Termination Diagrams • Instrumentation Loop Diagrams • Concept, Pre-Feasibility and Feasibility Study Consulting Services and Reports • Technical and Audit Reports • Project Cost Estimates 	<u>Software Engineering</u> <ul style="list-style-type: none"> • PLC System Software Coding • SCADA System Configurations • Specialised Software or Reporting Systems • Control Panel Factory Acceptance Testing • Control System Software Simulations • Control System Factory Acceptance Testing • User Requirement Documents • Functional Description Documents
	<u>Fault Finding Services</u> <ul style="list-style-type: none"> • Profibus Audits • Flow Meter Verification
<u>Control System Support</u> <ul style="list-style-type: none"> • Control System Breakdown Assistance • Customer Site Assistance • Site Audits and Assessments • Installed System Reverse Engineering • Control System Maintenance Services • Control System Optimization • Control Loop Tuning Optimization • Service Level Agreements 	<u>Commissioning Services</u> <ul style="list-style-type: none"> • Pre-Site Commissioning • Field Instrumentation Setup / Programming / Parameterization / Configuration and Commissioning • Signal and Loop Commissioning • PLC / SCADA Commissioning • Reporting and Web Commissioning
<u>Project Services</u> <ul style="list-style-type: none"> • Project Initiation Services • Project Planning Services • Project Execution Services • Project Control Services • Project Closure Services 	<u>Turnkey E and I Projects</u> <ul style="list-style-type: none"> • Delivery of combinations of product supply, design and drawings, manufacturing, construction, software engineering, commissioning and after sales project support to provide the customer a ONE-STOP TURNKEY offering for Electrical and Instrumentation related projects