



**SIEMENS**

TECHNOLOGY PARTNER

**ELECTRIC - ENERGY - AUTOMATION**

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



## COMPANY PROFILE

EGESIM, was established in Izmir in 1994 to provide services to the industry. After its establishment, it became the System Integrator of one of the World's leading companies, Siemens's, in AC-DC Drive & Automation Systems.

In a short while EGESIM had made progress in automation & motor speed control systems in its region and developed new business models in this field with the help of the innovative & dynamic human resources, modern management concept and competencies. With these business models EGESIM had established new companies, partnerships and distributorships in projecting, consulting, contracting & production fields both in Turkey and abroad.

EGESIM had become a group of companies, which offers products, solutions, systems & services in electric & electronics field to all the industries. With total of 25000 m2 closed, 27000 m2 open area in different locations and technical and administrative personnel, EGESIM had made enormous strides to be well-known world's brand in the sector.

EGESIM Group of Companies has been developing itself & getting ready for the future by following up the new technological achievements and trends.





## MANAGEMENT

### VISION

Achieve sustainable success & enrich customer satisfaction with continuous development.

### MISSION

Offer & supply superb products and services with our innovative ideas, provide facilities for getting technologically up-dated & economic friendly solutions to our customers, and create employment by development strategies.

### QUALITY MANAGEMENT

Constantly develop the quality of our machinery, equipment & human resources to satisfy our customers' needs and meet the requirements of the legal regulations. Produce flawless, safe products of high quality at the first attempt. Fully obey the rules & continuously develop the terms of the quality management system. Respond the requests of the customers and employees, improve their satisfaction.

EGESIM owns the following certificates of Quality and Environment Management

- ISO 9001 : 2008 Quality Management System
- ISO 9001 : 2015 Quality Management System
- ISO 10002 : 2014 Customer Satisfaction Management System
- ISO 14001 : 2004 Environmental Management System
- OHSAS 18001 : 2007 Occupational Health and Safety Management System



GEBZE ORGANIZED INDUSTRIAL ZONE



IZMIR FREE ZONE



IZMIR

## OUR COMPANIES

EGESIM AUTOMATIC CONTROL CO. LTD.	Sales & Technical Support Group	Yenisehir - IZMIR / TURKEY
EGESIM ELECTRIC CO. LTD.	Factory, main warehouse & project contracting group, operating in 5000 m2 closed area	Izmir Free Zone - IZMIR / TURKEY
EGESIM ENERGY ELECTROMECHANIC & ELECTRIC CONTRACT CO. LTD.	Production, sales & technical support group, operating in 8500 m2 closed area. Factory, producing electrical panels.	Gebze Organized Industrial Zone - ISTANBUL / TURKEY
EGESIM GmbH - Germany	Production, sales & technical support group, operating in 6000 m2 closed area. Factory, producing electrical panels.	Gewerbering 20-21 86922 Eresing / GERMANY ( 50 km to Munchen )
EGESIM MIDDLE EAST OFFICE	Technical Projects & Sales Office	Amman - JORDAN
EGESIM RUSSIAN COMPANY	Technical Projects & Sales Office	Grayvoronovsky Street. No:20-36 Office: 406-3 Moscow / RUSSIAN FEDERATION.





EGESIM GmbH / GERMANY

## PRODUCTS, SOLUTIONS AND SALES SERVICES

Our group of companies appears to be Main Distributor of international companies, Distributor in Turkey and Siemens Solution Partner in many business fields.

### SIEMENS ELECTROMARKET

- Low Voltage Switchgear and Installation Products
- MV Products
- Control Systems Technologies

### SIEMENS SIVAICON PARTNER

- Sivacon S4 & S8 and 8PT Series, Sicus & Alpha and Sicube Model Fixed and Withdrawable Panels

### PRYSMIAN

- Energy, Data, Telephone and Communication Cables

### SIEMENS SOLUTION PARTNER

- Standard Drive Systems ( Standard Speed Control Drive Systems )
- LD Systems ( High Power Speed Control Drive Systems )
- Motion Control Drive Systems ( Sensitive Motor Control Systems )
- Automation Systems
- Process Automation
- Sensor and Instrument Systems

### Turkey and Middle East Distributorships:

- VISHAY LV-MV Condensators

### Our Brand:

- EGESIM 12-36 kV, 12-40 kV, 25-31,5 kA Metal Clad Distribution Cubicles with a handcart 36 kV 25kA Metal Enclosed Distribution Cubicles with a cart







## PROJECT AND CONTRACT SERVICES

Our Project & Contract Services Group, licensed by Siemens A.G. as Sivacon Branded Electric Panel Builder & Siemens Automation Solution Partner provides contracting services mainly to energy and heavy industries.

EGESIM has completed turnkey projects in Energy, Paper, Packaging, Waste Water Treatment, Cement, Glass, Chemical, Iron & Steel industries and created package solutions in the following industrial fields.

- Energy Plants and Industrial Plants (Energy Monitoring and Scada Automation)
- Paper and Cardboard Industry
- Packing & Packaging Systems
- Waste Water Treatment Plants
- Cement and Lime Production Plants
- Airport Fuel Hydrant Systems
- Mine Processing Plants
- Glass Industry
- Food and Tobacco Producing Plants Automation
- Open & Closed Circuit Water Systems
- Paint and Chemical Industry
- Petrochemical Processing Plants Automation
- Steel Meltshops
- Bar Mills
- Profile Mills
- Air Compressor Plants
- Oxygen Plants
- Special Solutions for Textile Plants
- Band, Press, Welding Systems Automation for Automotive Industry





## ENGINEERING SERVICES

During the project preparation Siemens SIMARIS, ETAP & EPLAN software programs are being used. In turnkey projects short circuit calculations, earthing and lightning protection systems, lightning, power socket distribution & UPS lines projects for High Voltage, Medium Voltage and Low Voltage levels can be supplied.

General Engineering Services Supplied:

- Basic & Detailed Engineering
- Factory Production Tests
- Field Hot & Cold Tests
- Commissioning
- Erection & Erection Supervising Services
- Documentation
- Training
- Customer Technical Support
- PLC, SCADA, HMI Software and Program Software Services
- Getting approval of projects by E.T.K.B., Formal Procedures





### SVC AND HARMONIC FILTER PLANTS ( 6,3 kV / 20 kV / 36 kV )

- Static VAR Compensation Systems
- Water Cooled Thyristor Units
- Reactors
- Condensator Groups
- DC Large Drive Harmonic Filter Circuits
- Mechanics Manufacturing
- Low Voltage Control Circuits

### MEDIUM VOLTAGE PLANTS ( 3,3 kV / 36 kV )

- RC-Filter and Surge Arrester Circuits for Electric Arc Furnace & Ladle Furnace
- EGESIM 8MC-12 12 kV 31,5 kA 2500A Metal Clad Type Test Certificated Panels
- EGESIM 8ME-36 36 kV 31,5 kA 3150A Metal Enclosed Type Test Certificated Panels
- EGESIM 8MC-36 36 kV 25 kA 1250A Metal Clad Type Test Certificated Panels
- Energy Monitoring and SCADA Systems
- Starter Panels for MV Motors
- EGESIM 8MC-40, 5 kV 31,5 kA 3150 A Metal Enclosed Type Test Certificated Panels





### LOW VOLTAGE PLANTS ( 0,4 kV / 0,69 kV)

- Siemens SIVACON Distribution Panels ( Fixed & Withdrawable S4 and S8 Panels )
- Special Designed Panels ( Double Sided Panels )
- Special Stainless Panels
- MCC Motor Control Centre Panels
- Power and Energy Distribution Systems
- Distribution and Compensation Panels for Industrial Plants
- Distribution and Compensation Panels for Qualified Commercial Buildings
- MCC Motor Control Panels
- AC-DC Driver Panels
- Softstarter Panels
- LV Harmonic Filtered Compensation Systems with Contactors

### AUTOMATION AND MONITORING

- PLC and Distributed I/O Systems
- Redundant PLC Systems ( H-Type CPU )
- HMI ( SCADA and OP applications )
- Profibus, ProfiNet and Ethernet Networks
- Fiber Optic Networks
- Energy Monitoring Systems
- Computer and Server Panel Boards
- Win CC and PCS7 Projects Software





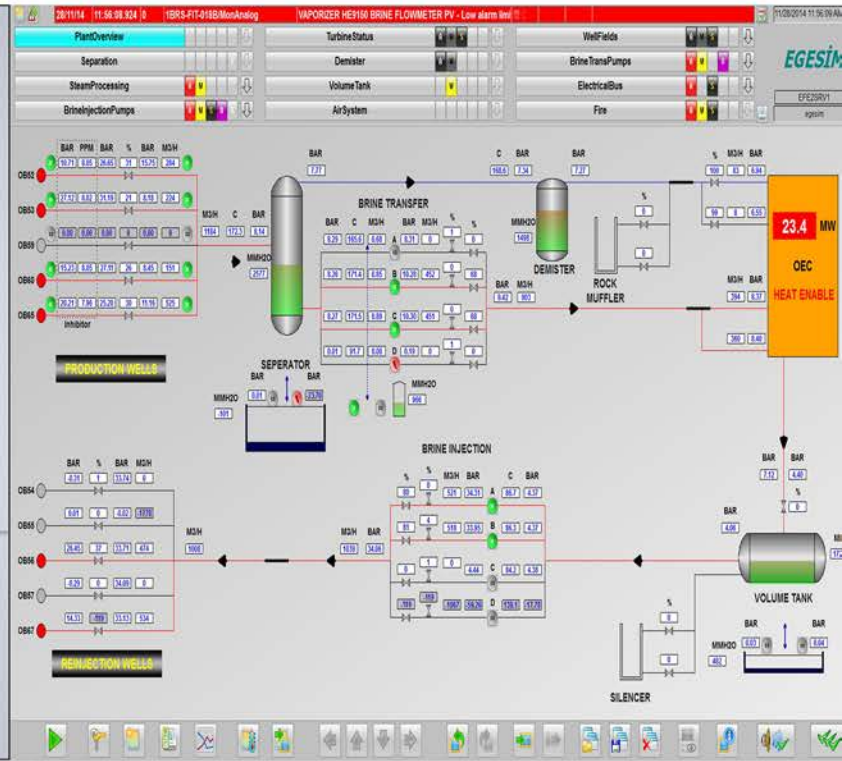
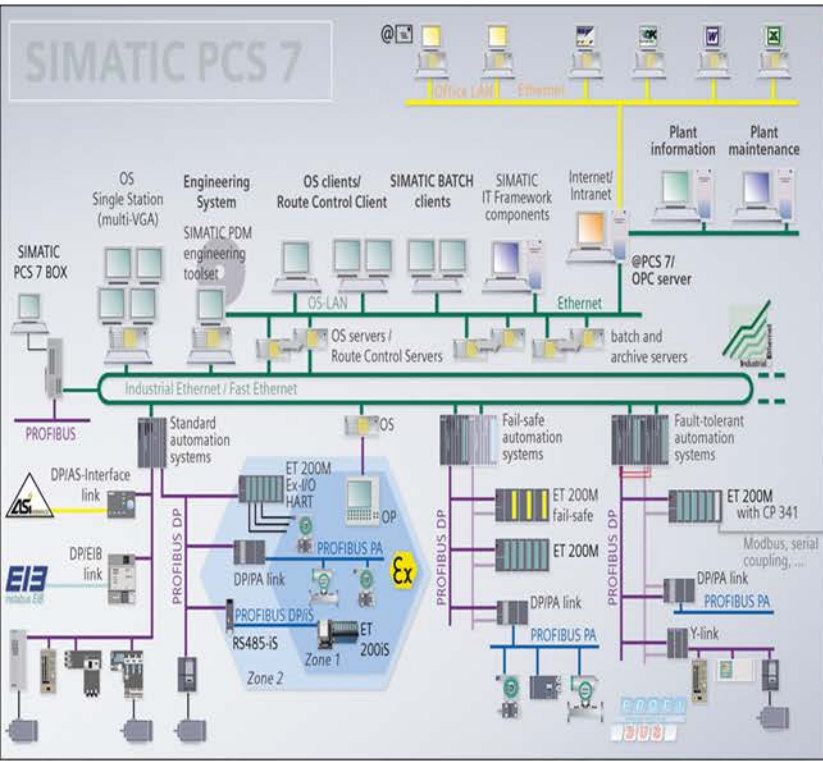
### Some of our specialities in heavy industry and industrial practices:

- Energy Plants and Energy Monitoring
- Reserve (Redundant) Process Automation Applications (PCS-7) for Energy Plants
- Turnkey Projects for Geothermal Stations
- MV, LV Plants System Integration for GES
- Turnkey Projects for Melt Shop Plants
- Turnkey Projects for Paper – Cardboard and Packaging Plants
- Glass Industry Plants
- Waste Water Treatment Plants Automation
- Special Type Panel Design and Manufacturing ( according to a sector)
- Crane Systems (Port Cranes, RTG, RMG)

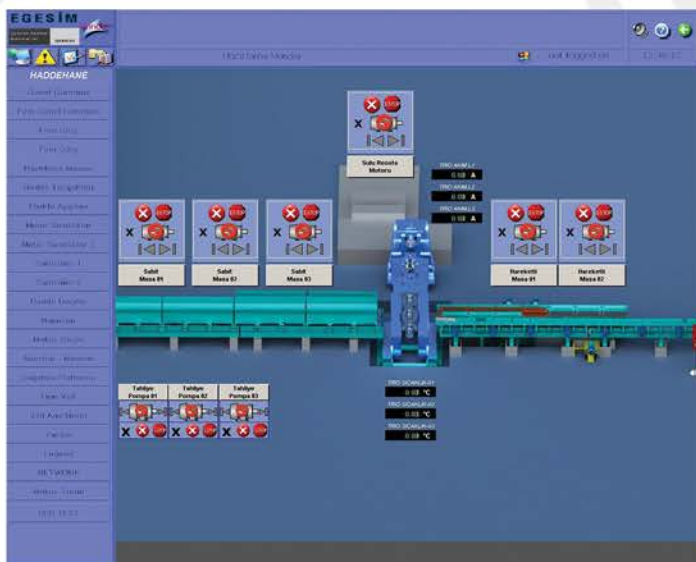
### SERVICE AND TECHNICAL SUPPORT SERVICES

- Arc Furnace transformers and tap switch maintenance services
- Siemens Micromaster 420-430-440 AC Speed Control Devices
- Siemens Sinamics V20-G120-G130- AC Speed Control Devices
- Siemens Simovert Masterdrives AC Speed Control Devices
- Siemens Simoreg DC Speed Control Devices
- Siemens 3RW30-3RW40-3RW44 Soft Starters
- Siemens Simatic S5 PLC Systems
- Siemens Simatic S7 PLC Systems
- Siemens S7 - 1200, LOGO, Switchgear products and other systems
- Harmonic Measurement and Reporting for Medium and Low Voltage Switchgear
- Service & Maintenance of Medium and Low Voltage Switchgear systems ( 34,5 kV – 0,4 kV )





## SCADA SCREEN SHOTS



Rolling Mill SCADA Screen



Arc Furnace SCADA Screen





## GEOTHERMAL ENERGY PLANTS

- Consulting Services for Geothermal Energy Plants
- Energy Production Control Automation ( Reporting, Energy Monitoring, Wellhead and Reinjection Systems, Fire Suppression Systems etc. )
- PLC Systems with Redundant Configuration & Energy SCADA Software ( PCS-7 / STEP-7 )
- Field Control Automation (Booster and feeding pumps, valves, instruments, dosing motors control and monitoring)
- Intercommunication of stations with fiber optic infrastructure
- Process Instrumentation Supply and Field Engineering Services
- Vapour Collection, Injection and Reinjection System Integration
- PLC and MCC Driver Panels Design, Production, Erection & Commissioning
- Complete Plant Medium Voltage Cubicles & Low Voltage Panel Special Design, Production, Erection
- Calculation of Cables and Systems suitable for the Ministry of Energy requirements
- Cable channels, Cabling and Cableways
- Getting approval of projects by the Ministry of Energy and E.T.K.B.

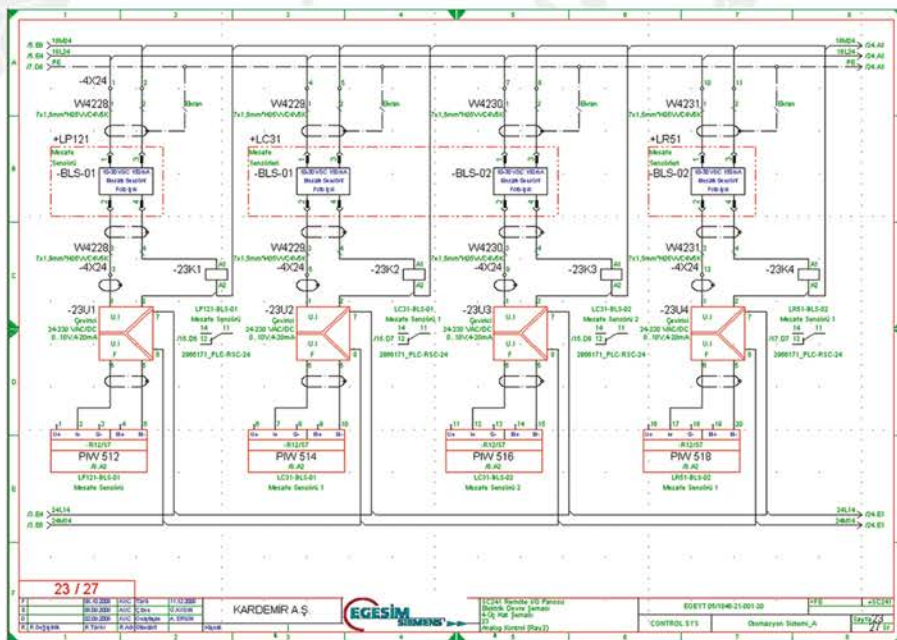
The Atlas Copco logo, consisting of the company name "Atlas Copco" in a blue, italicized serif font, centered between two horizontal blue bars.

Authorized EP & EPC Partner

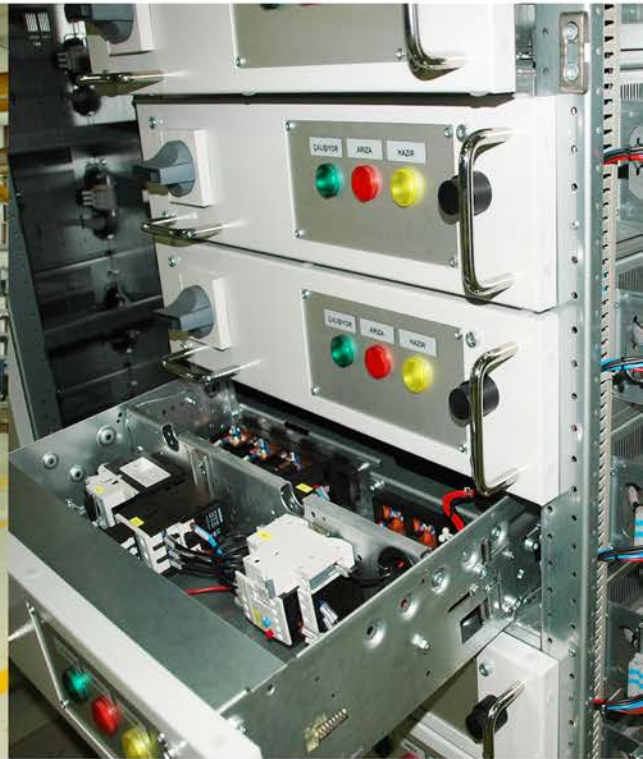




## PLC SYSTEM AND PANEL APPLICATION







## SIVACON LOW VOLTAGE PANELS

**SIEMENS**

SIVACON  
**SIVACON Technology Partner**

**Certificate**  
Siemens AG,  
hereby certifies that

**EGESIM Elektrik Sanayi ve Ticaret Ltd. Sti.**

Alaturuk Bulvarı No. 4 Menemen Serbest Bölgesi  
35660 Menemen - Izmir  
Turkey

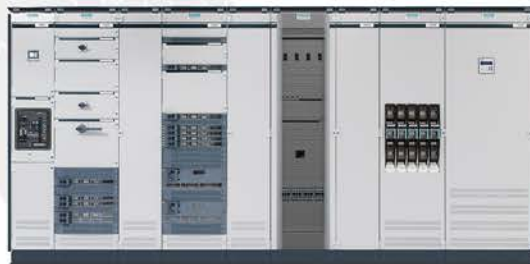
is a SIVACON Technology Partner.

In the context of the cooperation agreement we grant the company named above the right to manufacture and sell the SIVACON design verified low-voltage power distribution board. To ensure adherence to quality specifications, the corporation named above maintains a quality management system. The effectiveness of this system and adherence to contractual requirements are regularly audited and certified.

The certificate is valid until: 18/09/2018  
Certificate no: 04-0196-13

Leipzig, 02/11/2015  
Siemens AG

J. Löscherberger      Nadine Pöhrtnner  
siemens.com/technology-partner



Sivacon 8PT, S4 and S8 Series Panels are designed on Sivacon Module with Simaris software, licensed by Siemens.




SIVACON

Technology Partner

**SIEMENS**



## TYPE TESTED MEDIUM VOLTAGE CUBICLES




RESEARCH, DEVELOPMENT AND TESTING NATIONAL  
INSTITUTE FOR ELECTRICAL ENGINEERING

**ICMET CRAIOVA**  
HIGH POWER DIVISION

HIGH POWER LABORATORY  
"Dobla Marasti"

380513-CRAIOVA CRAI BULEVAR Nr. 144 ROMANIA  
Phone: (075) 802 407, Fax: (075) 815162, (075) 808 890,  
E-mail: info@icmet.ro



**TEST REPORT**  
No. 10267

**CUSTOMER:** EGESIM Elektrik Sanayi ve Ticaret Ltd. Sti  
Ataturk Bulvarı No: 4, Menemen Free Zone  
35660 Menemen, Izmir - Turkey

**MANUFACTURER:** EGESIM Elektrik Sanayi ve Ticaret Ltd. Sti  
Ataturk Bulvarı No: 4, Menemen Free Zone  
35660 Menemen, Izmir - Turkey

**TESTED PRODUCT:** 36 kV, 3150 A, 31.5 kA Incoming and Outgoing Feeder Metal Clad  
Switchgear and Controlgear

**REFERENCE STANDARD:** IEC 62271-200/2003, clause 6.6

**TEST PERFORMED:** Short-time withstand current and peak withstand current test

**TEST DATE:** 14.08.2008

**TEST RESULT:** Passed the test

Report has 14 pages and it is edited in 4 copies from which 3 copies for customer.

**HEAD OF HIGH POWER DIVISION:**  
Dr. Eng. George PETRESCU  
*(Signature)*

**HEAD OF LABORATORY:**  
Eng. Constantin IANCU  
*(Signature)*

**DATE OF ISSUE:** 22.09.2008

1. Results refer to test product only.  
2. Publication or reproduction of the contents of this report in any other form without the complete photographic is not allowed  
without written approval of Institute in which laboratory being to.  
3. Invalidation of the laboratory or any of the Test Reports issued under accreditation register do not constitute or do not  
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8MC-36R1



8MC-12R1





## WASTE WATER ADVANCED BIOLOGICAL TREATMENT PLANTS

- Medium Voltage Panels
- Transformers and Busbar Systems
- Low Voltage Distribution, Compensation and Withdrawable MCC Panels
- Redundant PLC and SCADA Systems ( PCS7 / Simatic S7)
- Process Instruments
- Electrification of buildings and industrial plants
- Field cable trays and cabling
- Fiber Optic Systems
- Automation of lifting plants, sludge drying and oil scraping plants
- Automation of ventilation and secondary clarifiers
- Automation of blower and decanter systems

## PAPER PLANTS

- Electrification & Automation Systems for Paper, Cardboard and Paperboard Processes.
- Projecting, Production , Engineering, Installation & Commissioning with Turn-key Projects for MCC, PLC & Distribution Panels.
- Automation for Paper Pulp & Pulper Processing
- Complete Automation Systems for Paper Machine Processes
- MCC & Automation Panels for Press, Dryer, Coating Calendar, Reeling, Section Forming and Roll wrapping
- Automation Systems for Vapour, Condensate and Boiler in Paper Plants
- Special VFD and Automation Systems for Winder / Unwinder Applications in Paper Machines.



## MINERAL PROCESSING PLANTS

- Automation of enrichment facilities for copper, iron, silver mines
- Flotation plants automation
- Automation of fracturing, sifting, cellulating and mill units
- Ball and vertical mill automation
- Lime kiln automation
- MV / LV and compensation systems
- MCC and Driver Panels

## CEMENT PLANTS

- Cement kiln automation
- Preheater and cooler system automation
- Raw mill automation
- Roller Press Drive systems and automation
- Filter and Dust Collection automation
- MV / LV and compensation systems
- MCC and Driver Panels
- Redundant PLC and SCADA automation





## EGESIM GmbH / GERMANY

Egesim GmbH Eresing Plant (by Munich/Germany) have mainly the following tasks:

- Production of Siemens Sivacon Low Voltage Switchboards
- Production of Sivacon S8 fixed and withdrawable type Switchboards
- Production of Egesim Brand Medium Voltage Switchboards up to 36kV as Metal Clad and Metal Enclosed (type tested)
- Complete Design, Erection, Commissioning of the Panels, Process automation
- Management and Coordination of international Turnkey Projects
- Management, Planning and Coordination of the complete Productions
- Recovery of new Customers for international Project handlings and Sales processing
- Coordination of Bid proposal management for major customers
- Negotiation of agreements with major suppliers





### Best in Solution

Solution Partner Toplantısı 2013-İstanbul

EGESİM OTOMATİK KONTROL SİSTEMLERİ SAN. VE TİC. LTD. ŞTİ.

2013-2014 Yılı içinde "En İyi Kalite" ödülüne layık görülen ilk ve tek "Best in Solution" ödülüne layık görülen Türkiye'deki otomotiv endüstrisi çözüm ortağıdır.

Website: 0308 301 111

### Solution Partner Certificate

EGESİM Elektrik San. ve Tic. Ltd. Şti. Certified

The Partner has demonstrated his excellent Solution Quality, Expert Quality, Project Quality and Portfolios Quality through fulfillment of the Key Performance Indicators of the Siemens Partner Program.

The company is a certified Partner in Turkey and is authorized to use the name Siemens Solution Partner Automation Drives.

The validity of the certificate and the certified program modules are listed in the Siemens Partner Finder on the Internet.

### Solution Partner Certificate

EGESİM OTOMATİK KONTROL SAN. VE TİC. LTD. ŞTİ. Certified

The company is a certified Partner in Turkey and is authorized to use the name Siemens Solution Partner Automation Drives. The certification has been proved in the following program modules:

Automation System SIMATIC  
Human Machine Interface SIMATIC HMI  
Industrial Communication SIMATIC NET  
Logic Drives  
Process Instrumentation

This certificate is valid until September 2017

### SIVACON Technology Partner Certificate

Siemens AG hereby certifies that

EGESİM Elektrik Sanayi ve Ticaret Ltd. Şti.

Atatürk Bulvarı No: 4 Maslak Sarıyer / Beşiktaş / İstanbul - Turkey

is a SIVACON Technology Partner.

On the basis of the cooperation agreement we grant the company member above the right to participate and sell the SIVACON Energy Control and Distribution (ECS) products in Turkey. To ensure adherence to quality standards, the company shall also maintain a quality management system. The effectiveness of the system shall adhere to contractual requirements as regularly reviewed and certified.

### CERTIFICATE

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ.

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ. İZMİR

ISO 9001:2015

İzmir'de faaliyet gösteren kuruluşun kalite yönetim sistemi, ISO 9001:2015 standardına uygundur.

### CERTIFICATE

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ.

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ. İZMİR

ISO 14001:2004

İzmir'de faaliyet gösteren kuruluşun çevre yönetim sistemi, ISO 14001:2004 standardına uygundur.

### CERTIFICATE

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ.

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ. İZMİR

OHSAS 18001:2007

İzmir'de faaliyet gösteren kuruluşun iş sağlığı ve güvenliği yönetim sistemi, OHSAS 18001:2007 standardına uygundur.

### CERTIFICATE

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ.

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ. İZMİR

ISO 10002:2014

İzmir'de faaliyet gösteren kuruluşun müşteri memnuniyeti yönetim sistemi, ISO 10002:2014 standardına uygundur.

### Certificate of Compliance

EGESİM ENERJİ ELEKTROMEKANİK VE ELEKTRİK TAAHHÜT SAN. TİC. LTD. ŞTİ.

Low Voltage Electrical Switchgear & Accessories (Type 1)

Standard EN 60947-2:2007 / EN 60947-4:2007

### FIRST QUALITY CERTIFICATION CERTIFICATE

EGESİM ELEKTRİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İzmir'de faaliyet gösteren kuruluşun kalite yönetim sistemi, ISO 9001:2008 standardına uygundur.

### FIRST QUALITY CERTIFICATION CERTIFICATE

EGESİM OTOMATİK KONTROL VE BİLGİSAYAR SİSTEMLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İzmir'de faaliyet gösteren kuruluşun kalite yönetim sistemi, ISO 9001:2008 standardına uygundur.

### FIRST QUALITY CERTIFICATION CERTIFICATE

EGESİM OTOMATİK KONTROL VE BİLGİSAYAR SİSTEMLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İzmir'de faaliyet gösteren kuruluşun iş sağlığı ve güvenliği yönetim sistemi, OHSAS 18001:2007 standardına uygundur.





**EGESIM ENERGY ELECTRO-MECHANIC  
CONSTRUCTION CONTRACTING CO. LTD.**

**Address :** Gebze Organized Industrial Zone,  
400. Street No:410 41480  
Gebze - Istanbul / TURKEY

**EGESIM ELECTRIC CO. LTD.**

**Address :** Izmir Free Zone  
Ataturk Blvd. No:4 35660  
Menemen - Izmir / TURKEY

**EGESIM AUTOMATIC CONTROL and  
COMPUTER SYSTEMS CO. LTD.**

**Address :** Halkapinar District, 1526 St.  
No: 3/ B Ali Bulanalp-2 Business Centre  
35110 Konak-Izmir / TURKEY

**EGESIM RUSSIAN COMPANY**

**Address:** 1.Grayvoronovsky Street.  
No:20-36 Office: 406-3  
Moscow / RUSSIAN FEDERATION.

**EGESIM GmbH**

**Address:** Gewerbering 20-21  
86922 Eresing / GERMANY  
( 50 km to Munchen )



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