





INDUSTRIAL SOLUTIONS FOR ELECTRICAL & AUTOMATION & POWER SYSTEMS











- > EGESIM stands for innovative technologies and solutions
- > EGESIM stands for clever design and concepts
- > EGESIM stands for high quality and customer satisfaction
- > EGESIM stands for competence and know how
- > EGESIM stands for efficiency in electrification of industrial Plants



OVERVIEW



- Leading Engineering Company of electrification projects for industrial plants
- Licensed Siemens Switchboard manufacturer (Low Voltage Range)
- Production of Egesim Brand Medium Voltage Switchboards
- ➤ Licensed solution provider and partner for automation- and drive technologies
- Solution Provider for PCS7 process automation and process engineering
- > Solution Provider for High Voltage technologies and solutions
- > Services such as on-site services, mounting, erection, installation, cabeling and commissioning





Establishment	1993 Izmir / Turkey
Business Area	 Energy, Power Plants Iron & Steel Chemistry Paper Cement Water Treatment Plants Glass Processing Industry Machine Automation Systems
Production	 ➤ Siemens S8 Sivacon Boards ➤ MCC and Distribution Boards ➤ PLC & Controlboards ➤ VFD Panels (Standard-, Large-, and Motion Control Drives) ➤ Medium Voltage Switchgear
Global presence Branches Production Plants	 Customers in over 24 Countries 3 in Turkey, 1 in Germany, 1 in Russia In Istanbul & Izmir (Turkey) and 1 Germany
Employee	➤ More than 508 employee



Solution Partner

Automation Drives SIEMENS

Siemens Solution Partner

- Solution Provider
- Industrial Automation technology and industrial Communication
- Process Engineering, PCS7
- ➤ AC & DC VFD and Large Drive, Motion Control

SIVACON

Technology Partner SIEMENS

Siemens Sivacon S8 Switchboard Manufacturer

- Distribution Boards till 7000A
- MCC & Drawer technology (till Form 4b)
- Single & Double front type

Approved Partner

Value Added Reseller SIEMENS

Siemens Approved Partner

- > Valued Added Reseller
- Industrial Automation, AC & DC Drive technologies
- Process Instrumentation
- Low Voltage Switching Technology

HEADQUARTER EGESIM GROUP





Egesim Electric Ltd.

- Production of Sivacon S8 Switchboards
- Production of Metal Clad MV Cubicles
- Production in Izmir / Free Trade Zone
- Engineering & Project Planning



Egesim Energy Ltd.

- Production of Sivacon S8
- Production of electr. cabinets
- Production in Istanbul / Gebze
- Engineering & Project Planning



Egesim Automatic Control Ltd.

- Sales of Products
- Sales Agency Interior
- Located in Izmir

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EGESIM ENERGY

Tel.: +90 262 751 28 00 **E-Mail**: egesim@egesim.com

EGESIM AUTOMATIC CONTROL Ltd.

Tel. : +90 232 433 30 25 **E-Mail** : egesim@egesim.com

EGESIM INTERNATIONAL





Egesim GmbH Germany

- Production & Assembly of Siemens Sivacon S8
- Production & Sales of Switchgear Systems
- Production of Metal Clad MV Cabinets (EGESIM)
- Production in Bavaria (GERMANY)
- Processing of international industrial Projects



Egesim LLC / 000 Russia

- > Sales Department for Russia / NIS Countries
- Processing of international industrial Projects

EGESIM GmbH

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E-Mail: selcuk.cetin@egesim.com

EGESIM LLC

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E-Mail: suleyman.ozis@egesim.com

OVERVIEW: BUSSINESS AREA

EGESIM

- Power Plants, Geothermal Energy Production
- Iron and Steel
- Chemistry
- Cement
- Paper
- Wastewater, Water Treatment Plants
- Glass Processing Industries
- Machine Automation Systems

OVERVIEW: FIELDS of PRODUCTION & SERVICES

- Substations for High Voltage and Medium Voltage
- Type tested Medium Voltage Switchgear
- Siemens Sivacon Panels (Energy Distribution, Building Technology)
- > VFD, Control- and PLC boards, filtered Compensation systems
- Complete Automation Systems, Software- Engineering
- Project Planning & Design, Project Engineering & Calculation
- Large-scale electrical Projects
- Supply, Service, Erection, Commissioning











Solution Provider for electrification in Geothermal Energy Production, chemical industry and in Plant construction





> Solution Provider for electrification systems in the Paper and Cement industries





> Solution Provider in Wastewater & Clarification Plant, complete Turn-key Projects for Steel Industries



SIEMENS SIVACON S8















- Siemens Sivacon S8 Double front type
- Siemens Sivacon withdrawle type
- Siemens Sivacon S8 with Double front AND withdrawle type
- Siemens Sivacon S8 till 7000A



EGESIM SWITCHBOARDS













- VFD Switchboards, Switchboards for Large Drive, MCC type Switchboards
- Large Drive Panels
- Motion Control Systems (MC)
- Wall Mounted Panels
- Supply of other Brands for Panels
- PLC Panels

SIEMENS

EGESIM GMBH GERMANY PANEL PRODUCTION











> PLC/CONTROL BOARDS, VFD BOARDS and SIVACON S8 DISTRIBUTION BOARDS









All types of Siemens Sivacon S8 Panels

EGESIM METAL CLAD 8MC MEDIUM VOLTAGE CUBICLES













NATIONAL INSTITUTE FOR RESEARCH-DEVELOPMENT AND TESTING IN ELECTRICAL ENGINEERING

ICMET CRAIOVA HIGH POWER DIVISION

HIGH POWER TESTING LABORATORY FOR ELECTRICAL EQUIPMENT (HPL) "Ovidiu Rarinea"

200746 CRAIOVA, Blvd. DECEBAL, No.118A, ROMANIA Matriculation certificate: J16/312/1999, VAT number RO387 1599 Phone: (351) 402 427; Fax: (351) 404 890; www.icmet.ro . E-mail Imp@icmet.ro . market@icmet.ro

TEST REPORT

No. 12722

CUSTOMER: EGESIM ELEKTRIK SANAYI VE TIC. LTD. STI.

Atatürk Bulvari no. 4 Menemen 35660 Serbest Bölgesi,

IZMIR - TURKEY

MANUFACTURER: EGESIM ELEKTRIK SANAYI VE TIC. LTD. ŞTI.

Atatürk Bulvari no. 4 Menemen 35660 Serbest Bölgesi,

IZMIR - TURKEY

IEC 62271-200

TESTED PRODUCT: 12 kV, 3150 A, 40 kA/3 s Incoming/Outgoing Metal Clad Switchgear

REFERENCE

STANDARD:

TESTS Temperature-rise test

PERFORMED: Short-time withstand and peak withstand current test

Internal are test

TEST DATE: 11-14 December 2017

TEST RESULT: Passed the tests

Test Report has 18 pages and it is edited in 4 copies from which copy 1 for laboratory and copies 2, 3 and 4 for customer.

HEAD OF HIGH POWER LABORATORY:

HEAD OF TESTING TEAM: Dipl, Eng. Catalin Dobrea

DATE OF ISSUE: 11.01.2018

1. Results refer to test product only

2. Publication or reproduction of the contents of this report in any other form unless its complete photocopying is not allowed

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12-36kV / 25-40kA (3s) Metal Clad type

Air Insulated type Medium Voltage Switchgear

Siemens Protection Relays and VCB's

EGESIM GEOTHERMAL ENERGY PRODUCTION















Photos: Geothermal Power Plant, Sis Energy 2016 (24MW)

- Engineering, Project Planning
- Erection, Supply of all Switchboards
- > Turbine technolgy from Atlas Copco
- Complete Commissioning (ORC, BOP)
- ➤ Siemens PCS7-7 Software Engineering

Complete Geothermal Power Plant Construction in Joint Venture with Atlas Copco



EGESIM - SPECIAL TYPE OF SWITCHBOARDS

















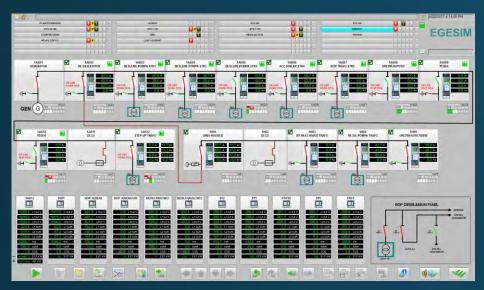


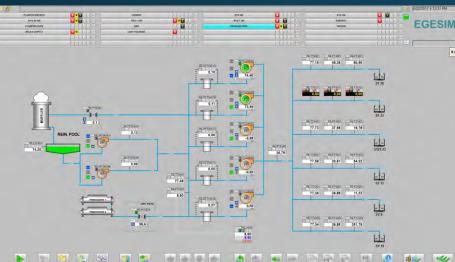
Special Type Switchboards

- Engineering & Production
- Generator-Protection
- Generator-Control
- > Switchboards for Sychronisation



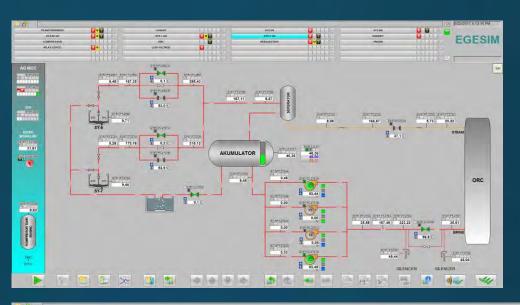
EGESIM GEOTHERMAL ENERGY PRODUCTION

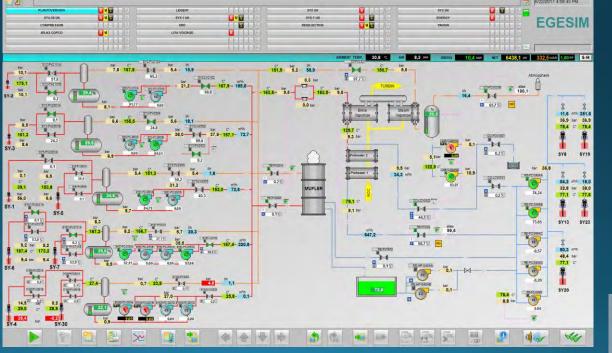




Egesim PCS7- Engineering Station

- **HMI Plant Overview**
- HMI Energy Scada System
- HMI (ORC, BOP)
- Complete with Siemens PCS7









EGESIM GLASS PROCESS INDUSTRIES









- > All electrical jobs for float and container glass process industries, incl. Engineering, Supply, Erection, Installation, Power distribution
- Processautomation for Melting, Refining, Floatbath, Annealing and Cutting, PLC Controlboards, PCS-7
- References in Trakya Glass, Anadolu Glass Furnace Automation, Tepetürkmen Glass Industries and more.







SUBSTATIONS



- Substations for High Voltage range
- Outdoor Switchgear Systems
- Equipments for Measuring and Automatic Control Technique
- Engineering & Solutions
- > Erection, Installation and Commissioning



Steel Plant in Basra (Iraq)



Kurum Steel Plant in Albania



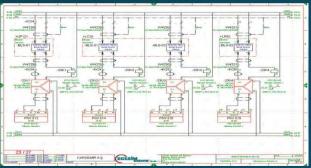
Sis Energy in Turkey

SERVICES

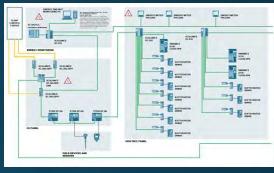
- Engineering & Project Planning
- On-site Jobs (Erection, Cabeling, Installation)











Engineering

Project Planning

Documentation

Network Topology







SERVICES

- Software Engineering, HMI Software
- Simatic Software for Process Measuring & Control Technology
- Commissioning, Hand over of complete Turn key Projects



Erection & Cabeling Services







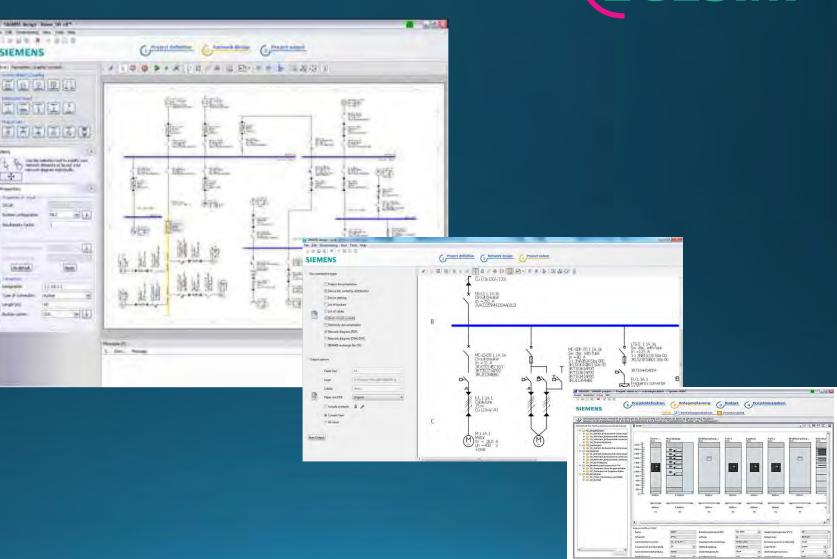
Commissioning



ENGINEERING & SOFTWARE TOOLS



- HYSYS, for Process Simulation Software
- ETAP, Calculation Software
- EPLAN, Project Planning Software
- ELCAD, Project Planning Software
- AutoCAD, Modeling Software
- Simaris, Siemens Sivacon S8 Design and Dimensioning Software



CERTIFICATES

















SAN. TIC. LTD. STI.

ISO 10002:2018





- Egesim Group ISO 9001, ISO 10002, ISO 14001 und OHSAS 18001 Certificates
- > Egesim Group Siemens Partner Certificates

EGESIM GMBH CERTIFICATES



Die Siemens Aktiengesellschaft bescheinigt hiermit, dass das Unternehmen

EGESIM GmbH

Gewerbering 20-21 86922 Eresing

Deutschland

SIVACON Technology Partner ist.

Im Rahmen des Kooperationsvertrages gewähren wir oben genanntem Unternehmen das Recht, die bauartgeprüften Niederspannungs-Schaltanlage SIVACON nachzubauen und zu vertreiben.

Dieses Zertifikat ist gültig bis: 15.03.2022

Zertifikat-Register-Nummer: LV0696-04

Leipzig, 24.02.2021 Siemens Aktiengesellschaft







EGESIM

EGESIM GmbH



Die Firma Egesim GmbH ist als Siemens Lieferant in der Lieferantenplattform SCM STAR von Siemens unter der Lieferantennummer IFA0248496616 registiert. Dieser unternehmensweit verpflichtende und standardisierte Qualifizierungsprozess für Lieferanten ist in der globalen Lieferantenplattform SCM STAR integriert und bewirkt die Freigabe für Geschäfte mit Siemens, sobald er abgeschlossen wurde.

SIEMENS

Siemens Lieferantenqualifizierung erfolgreich

- EGESIM GmbH, IFA: 0248496616

Sehr geehrter Herr Cetin.

Hiermit möchten wir uns bei Ihnen für Ihre Mühe und Kooperation während des

thre Firma EGESIM GmbH, IFA: 0248496616 ist jetzt als Siemens-Lieferant qualifiziert

Bitte besichten Sie, dass weitere Aktivitäten angefordert werden können, in diesem Fall wenten wr. Sie kontaktionen.

Mit freundlichen Grüßen.

Mgr. Tereza Staliová

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27.09.2019

EGESIM GmbH

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