# Siemens W.L.L.

Siemens Business Portfolio in Qatar

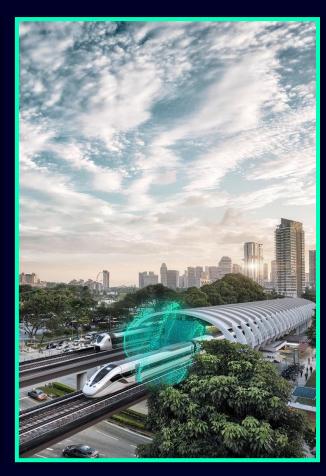


## **Our Businesses in Qatar**









1) Digital Industries

2) Smart Infrastructure

3) Large Drives Applications

4) Mobility
SIEMENS



# 1) Digital Industries

Advances being made in digitalization – combined with the move toward increasingly flexible manufacturing processes – are creating new opportunities and choices for industrial companies across the globe.

Digital Industries helps its customers unlock their full potential: as a partner providing cutting-edge technologies for the automation and digitalization of the discrete and process industries.

The Digital Enterprise portfolio is at the core of our offerings. It provides companies of all sizes with the right products, along with consistent solutions and services for integrating and digitalizing the entire value chain. As an innovation leader, we think ahead to the next level of the digital transformation and of integrated cutting-edge technologies – such as artificial intelligence, edge computing, industrial 5G, autonomous handling systems, blockchain and additive manufacturing.

## 1) Digital Industries – Business Portfolio

#### **Process Automation**

Dinesh Sadagopan csdinesh.kumar@siemens.com +97455264804

#### **Products Summary**

Process Control systems Distributed Control System (DCS) "High Availability Controllers for Process • **Automation Power** Supplies SITOP Process Instrumentation • (Field Instruments for Process Applications) Industrial Communication Networks (Ruggedcomm and

SCALANCE)

Process Industry

Operations Intelligence

Automation Solutions for •

ICSS System for Oil & Gas

#### (XHQ)"

Process Analytics (Gas Chromotagraphs & Analyzers) Identification & Locating (Machine Vision & RFID) Systems Cabling (SIMATIC TOP Connect) Engineering & Plant Management (COMOS)

Simulation & Virtual

Instrumentation and

process Industry

Smart service Scheduler

Controls Solutions for the

Commissioning (SIMIT)

#### **Factory Automation**

Omer Azhar omer.azhar@siemens.com +97455860795

Muneeb Puthen puthen.peedikavil.ext@siemens.com +97450953249

#### **Products Summary**

Micro Automation Components (Logo, S7-1200) "Middle Level Automation (S7-1500, S7-300) PC-Based Automation (Rack PC and Panel

Operator Control & Monitoring Systems

(Machine level HMI and SIMATIC HMI Software) IO Systems for Centralized and **Ditributed Automation** Systems (ET200 Series)"

#### **Products for Production** Machines (Packaging, Printing and etc)

#### **Solutions Summary**

Solutions for Automotive

Discrete Solutions (Conveyor Systems and AGV)

#### **Motion Control**

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#### **Products Summary**

**Solutions Summary** 

General Motion Control • Converters - VFD (SINAMICS G Series and V20 series) Machine Tool Systems (Sinamics S Series) Low Voltage Motors

Geared Motors Gear Units "

#### **Customer Services**

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Drive technology

Converters

Motors-

DC-DC converter

Geared Motors"

#### **Products Summary**

#### **Automation Technology**

Automation systems SIMATIC HMI operator

control and monitoring . systems- Identification

and Locating

Industrial communication

Industrial controls-Industry software

PC-based Automation Process control systems

Process instrumentation

Process analytics

SITOP power supply

#### **Solutions Summary**

Not applicable

#### **Solutions Summary**

- - Solution for F&B Industry

#### Services Summary

#### **Digital Services**

Industry Premium Portal

Industry

Patch Management- Preventive Antivirus Application Whitelisting System Analysis- Remote Automation Firewall Consulting Services for Process Automation DCS Application Services Remote Services for Process Digital Motion Control Services instrumentation **Energy Analytics Industrial** Scanning Services **Anomaly Detection** Security Assessment SIMATIC DCS / SCADA Industrial Network Validation Industrial Security Consulting infrastructure Industrial Security Monitoring SIMATIC Virtualization as a Industrial Vulnerability Manager service

Lifesycle Management Suite SINUMERIK Virtual L Managed System Services Commissioning Services

#### **Training Services**

**Training Services** SITRAIN Digital Training Academy SITRAIN - Training devices

#### Support Services

Industry Premium Portal-Managed System Services Siemens Industry Service Card Part Packages & Kits

#### **Consulting Services**

Lifecycle Information Services Preventive System Analysis

#### **Industrial Security Services**

Security Consulting Security Implementation Security Optimization

#### **Spare Parts Services**

**Asset Optimization Services Extended Exchange Option** Legacy System Services Spare

Inventory Baseline Services-SIMATIC System Audit

#### Repair Services Field & Maintenance Services Services

Standalone Drive Systems •

for High Performance

Inspection Lifecycle Management Suite Preventive Maintenance for Geared Motors Remote Services for Process Automation

Remote Services for process instrumentation

### **Retrofit & Modernization**

Applications

Low Harmonic Drives

DCS Application Service SIMATIC DCS / SCADA infrastructure SIMATIC Migration Services SIMATIC Virtualization as a service

#### **Service Agreements**

**Drive Service Agreement** Drive Service Extended Exchange Repair Service Contract RSC

**SIEMENS** 



# 2) Smart Infrastructure

Smart grids + smart buildings = smart infrastructure.

Smart Infrastructure intelligently connects energy systems, buildings and industries to enhance the way we live and work through greater efficiency and sustainability. By integrating software and hardware, products, systems, and solutions, we make infrastructure more intelligent, responsive and responsible. Smart Infrastructure unites building technology with energy supply - including low- and medium-voltage power distribution and grid control. There are exciting growth markets at the grid edge, where these realms meet. In these markets, we ensure that energy is used efficiently – in generation, consumption and storage, in electric vehicle infrastructure and in microgrids. Our offerings combine physical solutions and digitalization across the focus areas of electrification and automation.

## 2) Smart Infrastructure – Business Portfolio

#### **Regional Solutions & Services (RSS)**

Khalil Gouia +974 3324 7962

Faisal Nadeem khalil.quia@siemens.com faisal.nadeem@siemens.com +974 7016 4033

#### Solutions Summary

**Building Management** System (BMS)

Fire Alarm System

 Access Control system Lighting Control System • CCTV (LCS)

#### **Services Summary**

**Building Management** System (BMS)

Fire Alarm System

Access Control system

Lighting Control System • CCTV (LCS)

#### **Energy & Performance Services (RSS)**

Asad Javid Asad.Javid@siemens.com +974 55887121

#### **Products Summary**

Demand Flow®

Siemens Navigator Siemens SiteControls Energy

 Management System (for distributed locations)

 White Space Cooling Optimization - Date Centers

#### Solutions Summary

Energy Effeciency & **Optimization Projects** 

· Facility Improvement measures

Chilled Water Optimization •

Asset Performance

Data Center energy optimization

#### **Services Summary**

Digitalization of services and maintenance

**Energy Audits** 

Energy monitoring of facilities

Measurement and Verficiation of building performance

**Energy retrofits** 

#### **Distribution Systems (DS)**

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Hassan Choudharv Sales Manager – Products & Solutions Hassan.choudhary@siemens.com +974 5030 2578

Biolab Paul Sales Manager – Products & Solutions Biplab.paul@siemens.com +974 6623 4771

Nazeer Igbal **Business Development Manager** Nazeer.igbal@siemens.com +974 3126 7594

#### **Products Summary**

- Primary Distribution AIS Switchgear: NXAir. 8BT1, 8BT2, 8BK80, GMSG, NXAirS rated voltage from 3.3 kV to 33 kV
- Primary Distribution GIS Switchgear: 8DA/B, Mobile 8DA10, NXPLUS, NXPLUS C, NXPLUS C Wind, 8DJH ST E rated voltage from 3.3 kV to 33 kV
- Secondary Distribution: 8DJH, 8DJH 36, 8DJH ST, 8DJH Compact, SIMOSEC rated voltage from 3.3 kV to 33 kV
- Generator Switchgear: VB1, VB1-D, HB1, HB3, HB3-C, HIGS
- Outdoor Systems: Fusesaver, Smart Recloser, Compact Recloser, Traction Breaker, Bridges Disconnect Switches, Life Tank, Dead Tank
- Low Voltage Switchboards: SIVACON S8, SIVACON 8PV
- Low Voltage Busbars & Trunking Systems: SIVACON 8PS
- Components: Vacuum Circuit Breaker, Vacuum Contactors, Vacuum Interrupters

#### Solutions Summary

- Turnkey Substations (medium voltage)
- E-House
- Future Grid: e Mobility, Photovoltaic, Energy Storage, Grid Connect
- Digitalization
- TIP Consultant Support/Engineering

#### **Services Summary**

- Inspection and Maintenance
- Spare Parts Management
- Modernization and Retrofit Field Service and Repair
- Digital Services

- Consulting
- Training

#### Digital Grid (DG)

Asokan Paraprath Operations/Service Manager Asokan.parapath@siemens.com +974 5589 0436

#### **Products Summary**

- Protection Relays for for electrical networks for 415V, 11kV, 33kV, 132kV, 220kV & 400kV
- ELICS System. Electrical integration and Control System
- Power System Consultancy like Network Study, Harmonics Studay, Load Flow studies
- Power Quality Analysis
- Grid Cyber Security Services
- Advanced Metering Solution
- Substation Control System
- **Network Protection Systems**

#### **Solutions Summary**

- Turnkey solutions for Protection and control system
- Power System Consultancy like Network Study, Harmonics Studay, Load Flow studies
- **Brownfield Digitalization**
- Cyber Security Consultancy

#### Services Summary

- Inspection and Maintenance
- Spare Parts Management
- Modernization and Retrofit
- Field Service and Repair
- **Digital Services**
- Consulting
- Training

## 2) Smart Infrastructure – Business Portfolio

#### **Electrical Products**

Venkata Kiran Pilli venkatakiran.pilli@siemens.com +974 3334 1689

#### **Products Summary**

- Air Circuit Breakers ACB
- Molded Case Circuit Breakers MCCB
- Miniture Circuit Breaker MCB
- Residual Current Protective Devices RCCB & RCBO
- Motor Circuit Breakers
- Final Distribution Borad
- Sub-Main Borad
- Overvoltage Protective Devices
- Switch Disconnectors
- Switching devices
- Contractors
- Overload Relays
- Time Delay Relays and Special Relays
- Signaling and switches
- Soft Starters
- Capacitor Can product & Controllers

#### **Solutions Summary**

- Low Voltage Switch **Boards SIVACON**
- Motor Control Centers
- Feeder Pillars
- Capacitor Bank Panels

#### **Building Products**

Mohammed Sheik Ali +974 30781636

Abdulhalim Kolko mohammed.sheik@siemens.com abdulhalim.kolko@siemens.com +9747033 5262

#### **Products Summary**

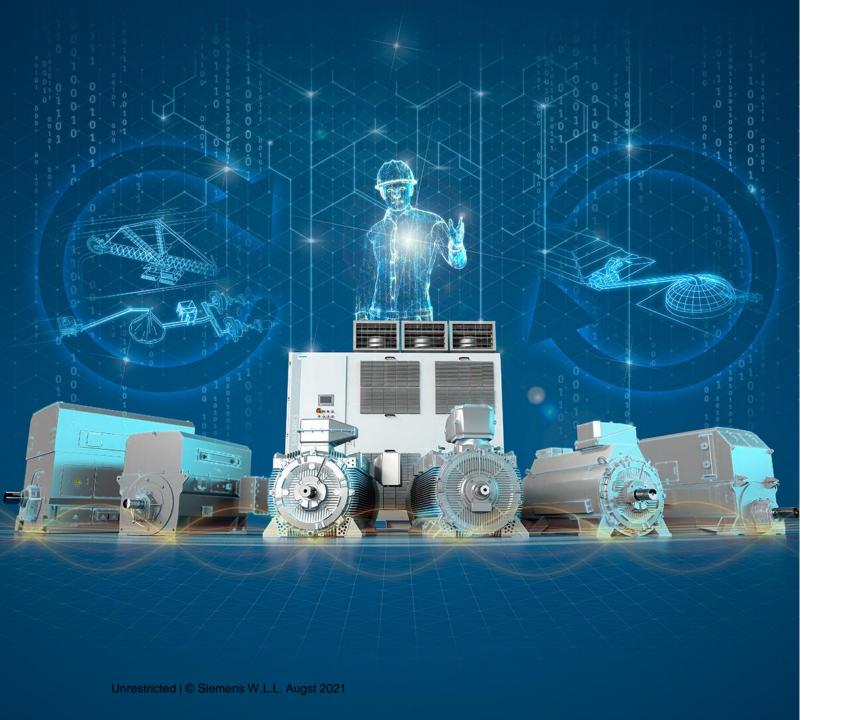
- · Desigo CC
- Climatix IC **Building Management System** Desigo Primary Controllers Desigo Total Room Automation Desigo Control Point (HMI)
- Climatix
- Svnco Symaro Sensors **HVAC Sensors**
- Acvatix: Valves and Actuators (PICV) VAV controllers and Damper
- Actuators
- Thermostats GAMMA Range: KNX Lighting Control System **Guest Room Management**

- Home Automation
- · Cerberus DMS Fire Alarm System: Cerberus Pro EN FAS
- · Cerberus Pro UL FAS Fire Suppression System: Sinorix - HFC 227 Sinorix - Novec 1230Sinorix - Inert Gas
- VESDA system (ASD) Public Address System
- Cerberus PACE

#### **Services Summary**

· Through our Solution, Approved, Distributer or OEM partners





# 3) Large Drive Applications

Siemens Large Drives Applications (LDA) engineers and produces heavy-duty electrical drive systems for medium and high voltage ranges: electrical motors, converters and generators. Additionally we offer special large drives for ships, mines and rolling mills. Our digitalization expertise and outstanding service keeps the performance and availability of your drives always at the maximum.

# **Large Drives Application – Business Portfolio**

#### **Large Drives Application**

Ossama Eliwa (Sales & Service) +974 55887812 ossama.eliwa@siemens.com

Products Summary	Solutions Summary	Services Summary
<ul> <li>Meduim and High Voltage Variable Speed Drives</li> <li>Models:</li> <li>Perfect Harmony</li> <li>SINAMICS GH180</li> <li>SINAMICS GH150</li> <li>SINAMICS GM150</li> <li>SINAMICS GH150</li> <li>SINAMICS SH150</li> <li>SINAMICS SH150</li> <li>SINAMICS SM150</li> <li>SINAMICS SL150</li> <li>Meduim and High Voltage Motors</li> <li>Simotics HV M</li> <li>Simotics HV C</li> <li>Loher Motors</li> <li>Berlin Motors</li> </ul>	<ul> <li>Design and Engineering</li> <li>Installation and Commissioning</li> <li>Operation</li> <li>Maintenance</li> <li>"Modernization and Upgrade"</li> <li>Cement &amp; Mineral Vertical solutions</li> <li>Metal Vertical Solutions</li> </ul>	<ul> <li>Air Circuit Breakers ACB</li> <li>Molded Case Circuit Breakers MCCB</li> <li>Miniture Circuit Breaker MCB</li> <li>Residual Current Protective Devices RCCB &amp; RCBO</li> <li>Motor Circuit Breakers</li> <li>Final Distribution Borad</li> <li>Sub-Main Borad</li> <li>Overvoltage Protective Devices</li> <li>Switch Disconnectors</li> <li>Switching devices</li> <li>Contractors</li> <li>Overload Relays</li> <li>Time Delay Relays and Special Relays</li> <li>Signaling and switches</li> <li>Soft Starters</li> <li>Capacitor Can product &amp; Controllers</li> </ul>





# 4) Mobility

We use digitalization to enable transportation service providers worldwide to make trains and infrastructure intelligent, increase value sustainably throughout the entire system lifecycle, enhance passenger experience, and guarantee availability.

## 4) Mobility

#### Turnkey

Meera Abu Soufah meera.abusoufah@siemens.com +974 77931354

#### **Products Summary**

 Rail and Road Full Turnkey Solutions

#### **Solutions Summary**

Rail and Road Full Turnkey Solutions

#### **Customer Service**

Meera Abu Soufah meera.abusoufah@siemens.com +974 77931354

#### **Products Summary**

Complete Maintenance Portfolio including Spare parts and computerized management system

#### **Solutions Summary**

Complete Digital Maintenance Services and Spare Parts

#### **Rail Infrastructure**

Meera Abu Soufah meera.abusoufah@siemens.com +974 77931354

#### **Products Summary**

Signaling, Rail
 Telecommunication and Rail
 Electrification For Mass Transit
 and Mainline

#### Solutions Summary

 Signaling, Rail Electrification and Telecommunication Solutions

#### **Rolling Stock**

Meera Abu Soufah meera.abusoufah@siemens.com +974 77931354

#### **Products Summary**

 High speed Trains, Metro Solutions, Trams, Commuter Trains, and VAL systems

#### **Solutions Summary**

 High speed, commuter, light rail and City VAL solutions

#### **Intelligent Traffic Solutions**

Murad Ali murad.ali@siemens.com +974 55738972

#### **Products Summary**

Road traffic management system including design and build and maintenance. Complete passenger end-to-end trip planning and applications integrated into required platform and traffic control center.

#### **Solutions Summary**

Traffic management solutions, crowd management solutions and control center with necessary software platform

#### **Services Summary**

- End to End services for all products and solutions provided by Siemens Mobility
- · Spare Parts and Asset Management

· Open for Third Party Maintenance on case-by-case basis



# Division Fax Numbers:

1) **Digital Industries**: +974 4456 0374

2) **Smart Infrastructure**: +974 4456 0370

3) **Large Drive Applications**: +974 4456 0374

4) **Mobility**: +974 4441 3652

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