

# EMaC Energy Management & Consultancy



## Company Profile



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Sales Manager

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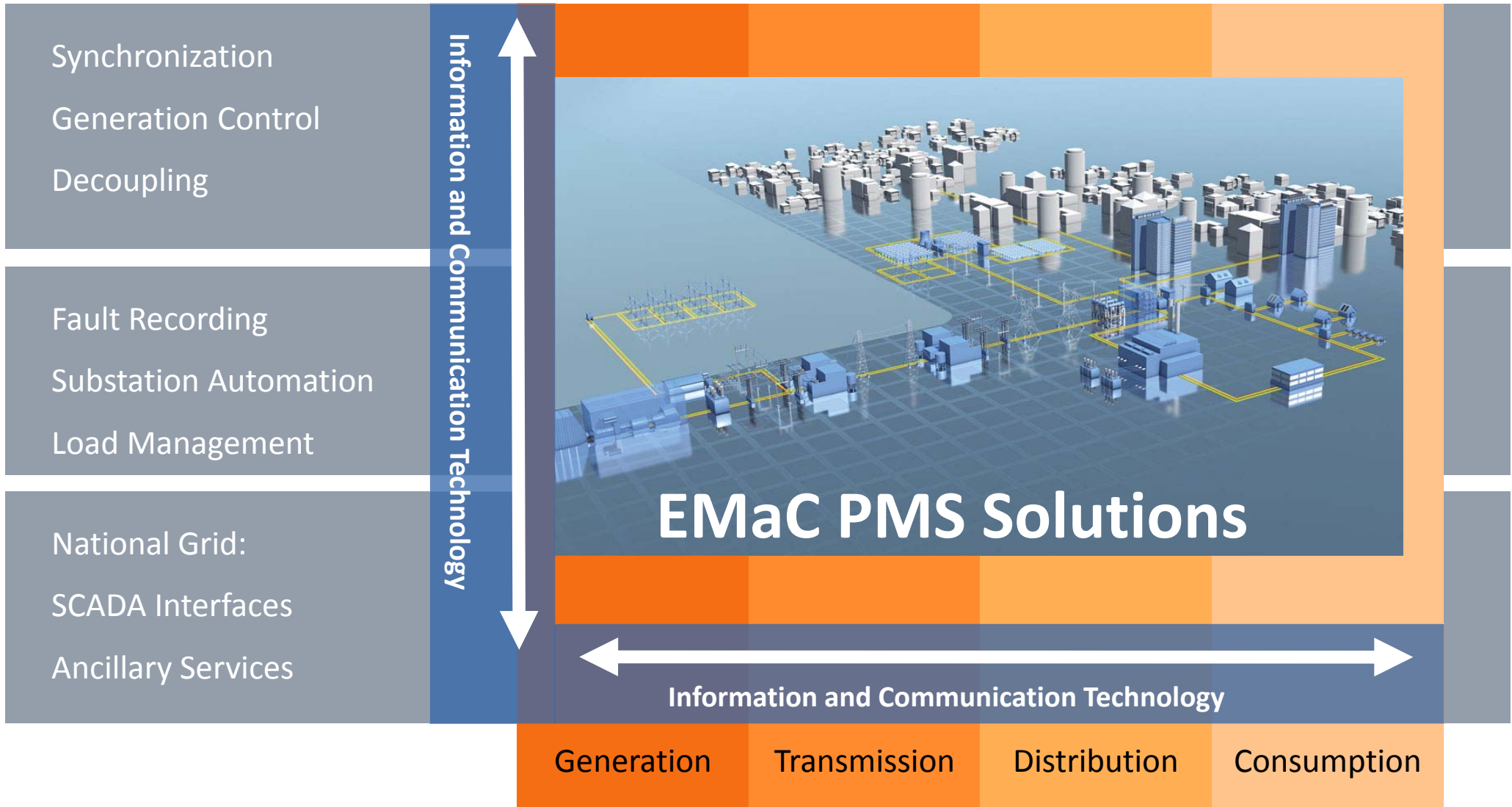
Technical Manager

EMaC Engineering and Consulting LTD.

Istanbul, 2017

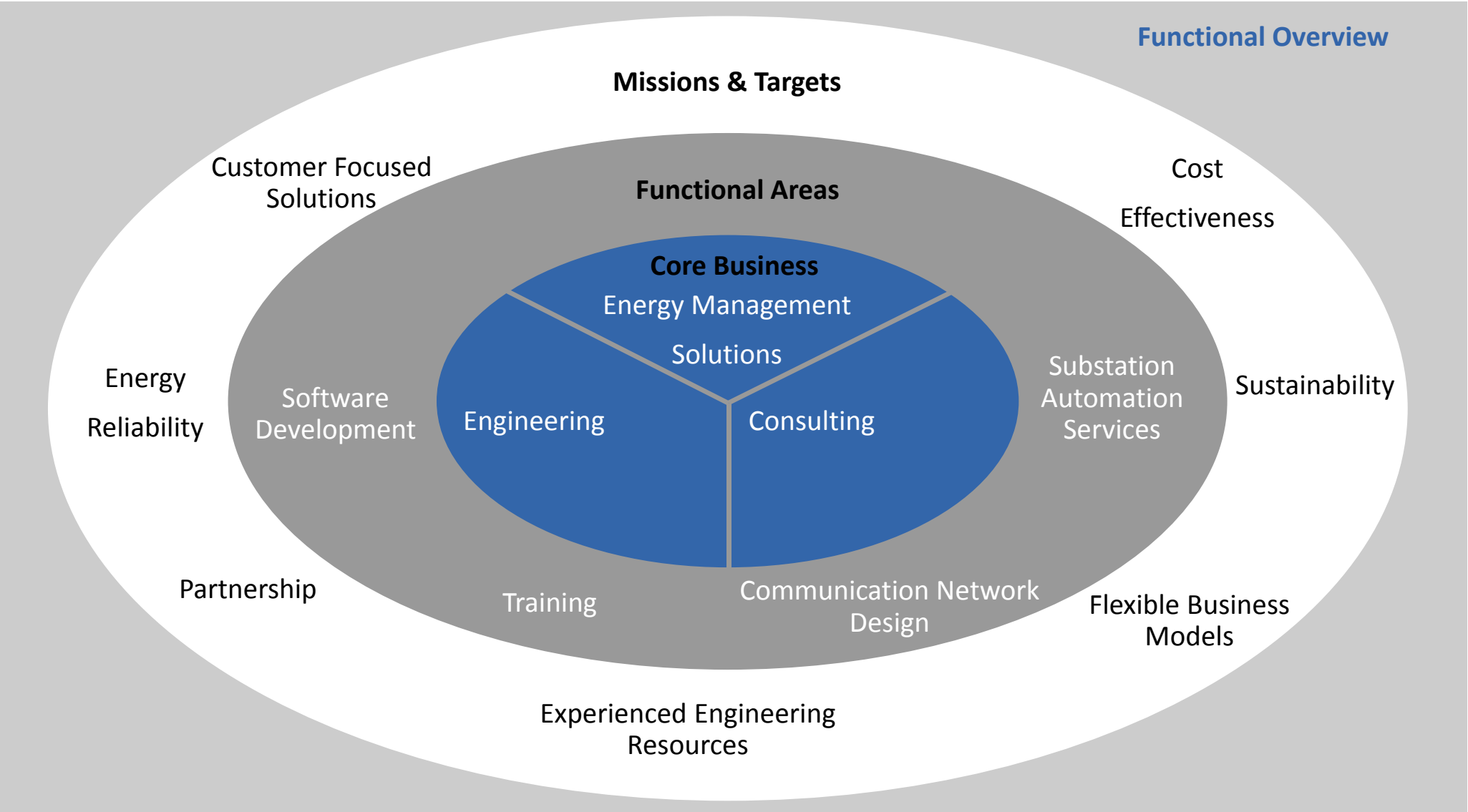


# EMaC Power Management Solutions





# EMaC Focus





# EMaC Solution Portfolio

## General Overview

RTUs

SCADA Systems

Flexible Solutions

Communication Networks

Decoupling, Synchronization and  
Digital Fault Recording Systems

## Based on:

Reliable Communication via IEC Norms  
IEC 61580, 60870-5-101/104, GOOSE

SCC & SP5, Sicam230, ENEAS PMS,  
Simatic WinCC, WinAC, Sicam PAS

Simatic S7 PLCs & Redundant Solutions:  
Profibus & Profinet

Fiber Optical Backbones,  
IT Engineering & Cyber Security Solutions

Customer Specific Solutions: Sicam PQS,  
Siprotec Protection Relays



# EMaC Applications and Services

## If you have problems about;

- Congestion, bottlenecks, and blackouts
- Heterogenous communication networks varying in capacity and bandwidth
- Complex, personal intensive engineering and operating
- Specific tasks to be performed for reliable power networks
- Power generation, decentralized consumption
- Manual and operating experience based reaction on critical situations
- Disturbance Analysis on Power Network
- Optimization of power resources, ancillary service requirements

## We can provide;

- Security, sustainability and efficiency of power supply by PMS
- Homogeneous Smart Grid communication network with IP/ Ethernet connectivity between all components
- Smart solutions for substation automation
- Load Management and integrated Decoupling System
- Integration of your power network to Power Management System
- Smart, self-healing power network
- Digital Fault Recording Systems
- Load Sharing, Active & Reactive control, primary and secondary frequency control, LFC and AGC Applications

Power Management System

Thanks...



Co-Founder / Sales Manager

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