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The company name "ITEN" represents our orientation to the Information Technologies and Energy Sector.
We are putting our wide IT and Power Engineering knowledge in the service of our customers.

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About Us

ITEN Engineering is your partner for solutions in the area of Information Technologies and Power Engineering.

Motivation

Founded by engineers and managers experienced in the industrial and Smart Grid software, with the idea to fill the gap in the area of providing qualified services on the market.

Team

Our team consists of the core team and associates, both from the industry and university.



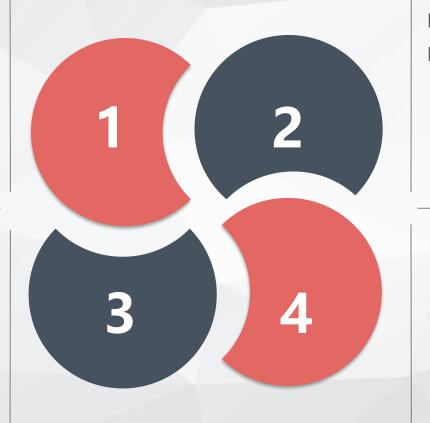
General Info

26 permanent employees

IT & Power engineers 23 employees

Law graduate 2 employee

Maintenance stuff 1 employee



Near term team expansion

IT Engineers 2 new employees

Power Engineers 2 new employees

Collaboration on permanent basis

2 Power Engineering professors

3 IT professors

1 web designer

Near term business plans

ITEN owned product development

Establishing stable long term partnership

Services



Development & Integration

Development of applications based on the customer needs/requests. Special expertise with real time SCADA/DMS/EMS/OMS systems.



Consultancy

Support through all phases of a Smart Grid project; Design and Operation Philosophy of Power Transmission and Distribution networks; IT infrastructure and design.



Our Product

ITEN Engineering is performing R&D work on its software called Operation and Maintenance Helper, designed to support operation and maintenance in the industry and smaller distribution utilities.

Information Technology Service

Development support

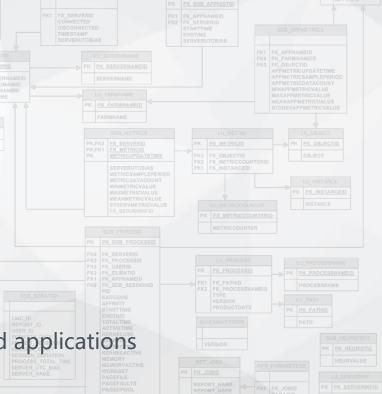
- Identification of client needs and proposal of the solutions
- Design and development of real-time solutions
- Consultancy on infrastructure and architecture design
- Monitoring development process, tracking risk and issues

Data integration and migration

- Integration with existing systems and services
- Data migration from legacy systems
- Data modelling and process implementation

Custom development

- Development of custom SCADA/DMS/OMS functionalities and applications
- Project customizations
- Cross platform development (Linux, Unix, Windows)
- General IT development



Information Technology Service

Cloud solutions

- Desing and architecture of the cloud systems
- Migration of the on-premise solution to the cloud
- Monitoring and maintenance of the cloud system

Remote access solutions

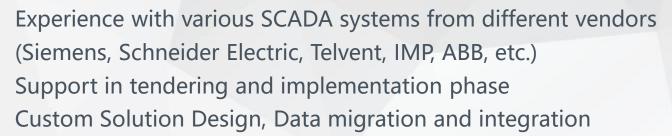
- Integration of the desktop and web solutions
- Migration of the desktop and/or application to the web
- Clientless access to the in-premise/cloud desktop and apps from the web browser

Skills and tools

- Java server stack, C/C++, Angular client apps, JS
- Kubernetes clustering in premise and in cloud, Amazon & AWS infrastructure
- Linux/Unix and real-time systems development, database development

Power Network Services

SCADA Systems



Advanced DMS

ADMSs are including traditional DMS, SCADA and OMS functionality. It is a backbone of the Smart Grid initiative.

Support during the process of identification of operating needs Data modelling

Transmission networks

Experience with large TNA projects
Support in tendering and implementation phase
Custom Solution Design, Data migration and integration

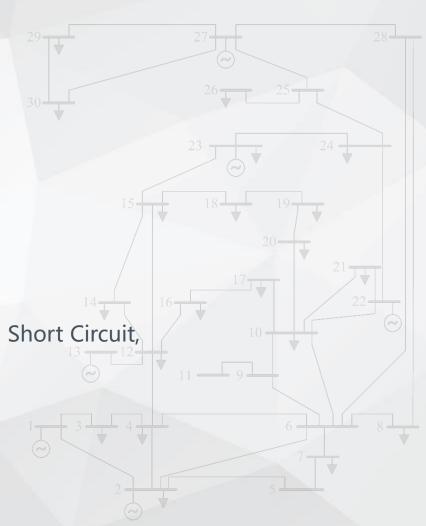
Power Network Services

Integration with external systems

- GIS, SOA, AMI and MDM
- Call center, customer data
- Weather and vehicle tracking systems
- Third party and customer properietary systems

Consultancy and Design

- Experience on Smart Grid projects (concept, design, benefits)
- Distribution network design, development, analysis (Load Flow, Short Circuit)
 Motor Start, Relay Protection, etc.)
- Distribution System Load modelling
- Transmission network Static and Dynamic analysis
- Transmission network design
- Network automation
- Knowledge of PSS/E, ETAP, EPLAN, DigSilent



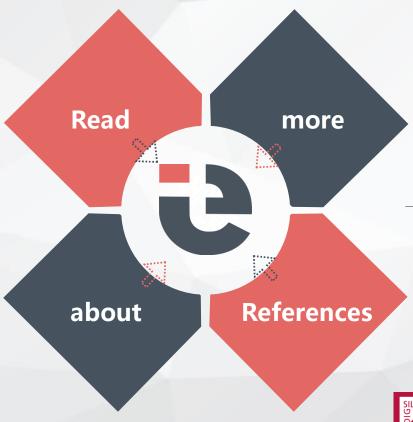
Cooperations & References

SIEMENS

Long term contract with Siemens, as a subcontractor.

Extensions, configuration and maintenance of the remote clientless RDP client, based on Apache Gaucamole.







Partnership relation with large consulting company.

Long term contract, inegration with similar power system analysis softwares



Our Team









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- Senior partner at ITEN
- 20+ years experince in RT systems
- Project Delivery Director Schneider Electric DMS (Responsible for delivering high quality Smart Grid solution that address operational needs to utility customers worldwide. Implementation of SCADA/DMS projects, integration with OMS, GIS, AMI, MDM and other customer systems)
- Project Manager on Siemens SCADA/DMS/EMS for external resources.
- Faculty of Technical Sciences Novi Sad, Department for Electrical Engineering, Teaching Assistant

Reference projects

and Advanced Visualization applications

covering UI and server side applications

Ш	Amprion project, Transmission functions, SCADA, Multisite customization
	Swiss Grid, Enhancements to the data archiving subsystem and multisite data
	exchange
	Wine, compatibility layer for running Windows application on POSIX systems
	Operation and Maintenance Management System, Design and development of
	O&MMS
	DEWA, Dubai, UAE, SCADA project, Development of customization for the SCAI

NDPL, New Delhi, India, SCADA project, Support to Siemens SCADA products





- Senior partner at ITEN
- 20+ years experince in RT systems
- ➤ Head of PMO Schneider Electric DMS
- Project / Program Manager on PECO, USA SCADA/ADMS project
- SCADA engineer at Power Industry of Serbia

Reference projects

☐ Gas Natural Fenosa, Spain – Siemens OMS/DMS/ Load Shedding expert
Amprion Transmission Network, Germany, Design and Enhancements Lead
CDNA, Distribution Management System project, Siemens, Technical lead for
development of base DMS functionalities
PECO, Philadelphia, USA, SCADA/DMS Replacement Project, Schneider Electric
SCADA/DMS, Project manager
☐ DEWA, Dubai, UAE, SCADA/Transmission/Distribution project, Siemens SP 4.7
Power Industry of Serbia, Belgrade, Serbia- Intelligent networks in EPS
Siemens Development/Delivery unit consulting on SCADA/DMS
1.5 years as a consultant in the Siemens Energy Automation Department (PTD EA)
in Nuremberg
NDPL, New Delhi, India, SCADA/Distribution project, Siemens SCADA/DMS
☐ Baroda, Baroda City, India, SCADA/Distribution project, Siemens SCADA/DMS





- Senior Software Engineer at ITEN
- 20+ years experince in RT systems
- Head of SCADA Project Delivery at Schneider Electric DMS
- Project Manager on Siemens SCADA/DMS/EMS projects as external resources
- Faculty of Technical Sciences Novi Sad, Department for Electrical Engineering, Research Assistant

Reference projects

- ☐ DEWA, Dubai, UAE, SCADA/DMS/EMS project, development and delivery of various PEs. Maintenace lead.
- ☐ AE, Austin, USA, SCADA/Distribution project, Schneider Electric SCADA/DMS/OMS, SCADA lead
- ☐ BCHydro, Vancouver, Canada, SCADA/Distribution project, Schneider Electric SCADA/DMS, Design and implementation of Model promotion
- ☐ IBERDROLA, Spain, SCADA/Distribution project, Siemens SINAUT
 Spectrum SCADA/DMS, Integration between Siemens Spectrum Power 4
 SCADA and OSIsoft PI, Design and implementation of OPC DA server





- Senior Software Engineer at ITEN
- > 13+ years experince in RT systems
- Senior Software Engineer at Schneider Electric DMS
- UI Team Lead at DMS Group

Reference projects

- ☐ Amprion, Germany, Siemens external developer for jROS (TNA resource optimization scheduler)
- ☐ SINAUT Spectrum 4.6 & 4.7, working as Siemens external developer on following projects:

PRE Prague, EnBW Harlein, Hassi Berkine, Swiss Grid, TransnetBW, DEWA TCC, DEWA DCC, Luz del Sur, TRECSA, STW Bielefeld, Stromnetz Berlin, Elektroprijenos TS SCADA, TEIAS, Alpiq Suisse SA

- ☐ Fortum, Finland & Sweden, DMS upgrade project, Schnieder Electric SCADA/DMS, SCADA Integration Lead
- ☐ ActewAGL, Canbera, Australia, DMS upgrade project, Schnieder Electric SCADA/DMS, SCADA Integration
- ☐ DEWA, Dubai, UAE, SCADA project, working as Siemens external developer, Advanced Visualization software design, development, delivery and maintenance
- ☐ XM, Columbia, SCADA/EMS upgrade project, Siemens external developer, UI application design, development and maintenance

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- Senior Power Engineer at ITEN
- 12+ years experince in RT systems
- Team Lead of Real Time Optimization team at Schneider Electric DMS
- Power Engineer at DMS Group

Reference projects

- ☐ PEC (now Duke Energy), Raleigh, USA, SCADA/DMS project, Solution for distribution management functions: Volt VAr Control in Close Loop, Voltage Management, VAr Management and Emergency Voltage Reduction.ONCOR, Dallas, Texas, USA, SCADA/DMS project, Siemens Power CC CDNA, Solution for projectspecific Power Flow, Optimal Network Reconfiguration and Volt VAr Control in Close Loop for Network Applications on PowerCC.
- ☐ Hydro ONE, Toronto, Canada, SCADA/DMS project, Schneider Electric SCADA/DMS, Solution for distribution management functions: Network Reconfiguration and Volt VAr Control in presence of renewable resources.
- ☐ PECO, Philadelphia, USA, SCADA/DMS project, Schneider Electric SCADA/DMS, Solution for distribution management functions: Volt VAr Control and Voltage Reduction; AMI and Bellwether measurement incorporation into DMS system.



Dejan Grabež

Power Systems Expert





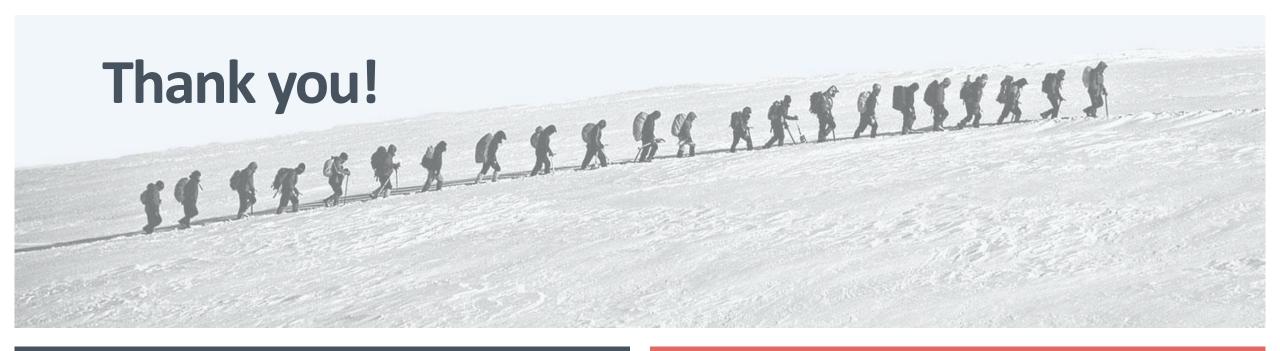


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- Senior Software Engineer at ITEN
- 11+ years experince in RT systems
- SCADA Subject Matter Expert at Schneider Electric DMS

Reference projects

- ☐ Amprion, Germany, Siemens external developer, jROS development, TNA development
- ☐ Xcel Energy, USA, SCADA SME withd the following responsibilities:
 - Requirement management
 - SCADA customizations detailed design
 - Development planning
 - Testing, deployment, configuration and training
 - Support and bug triage
- PECO, Philadelphia, USA, SCADA/Distribution project, Schneider Electric SCADA/DMS/OMS, Design and implementation of Operator Logbook
- □ AE, Austin, USA, SCADA/Distribution project, Schneider Electric SCADA/DMS/OMS, Import of existing SCADA signals to SE OASyS SCADA, SE OASyS SCADA customization





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