



OpSys™





COLLABORATION

THINK

CALCULATE

INITIATE

CONSTRUCT

BRAND

MARKET

SELL

SOLVE

LIFECYCLE

DESIGN

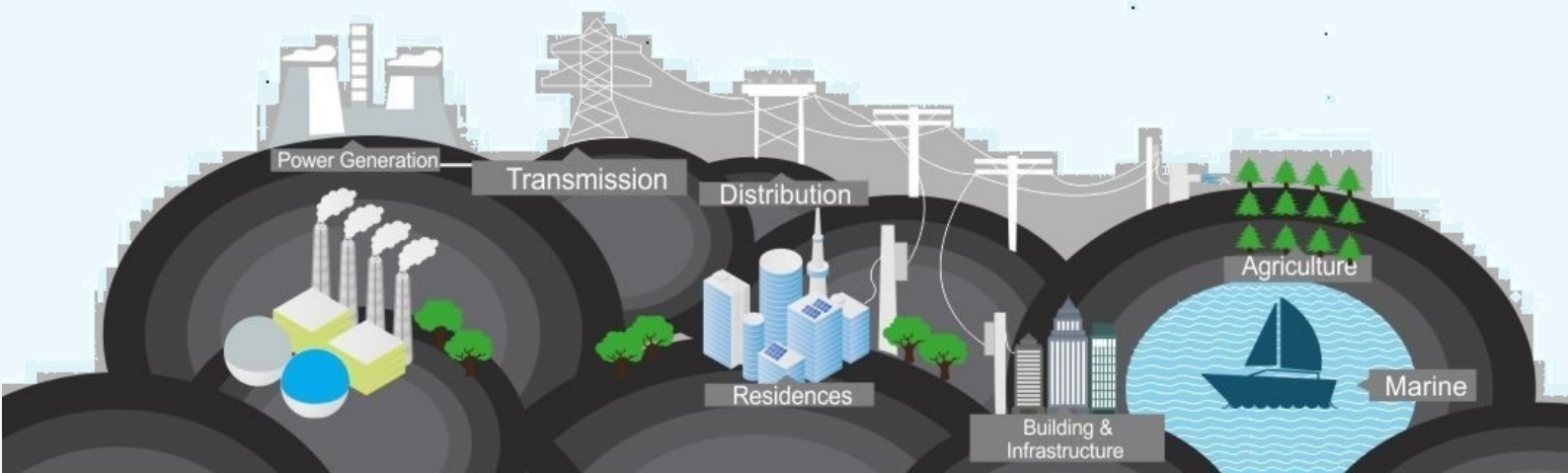
ENGINEERING

CONSULTING

INTEGRATION

OPERATION

MAINTENANCE



Vision

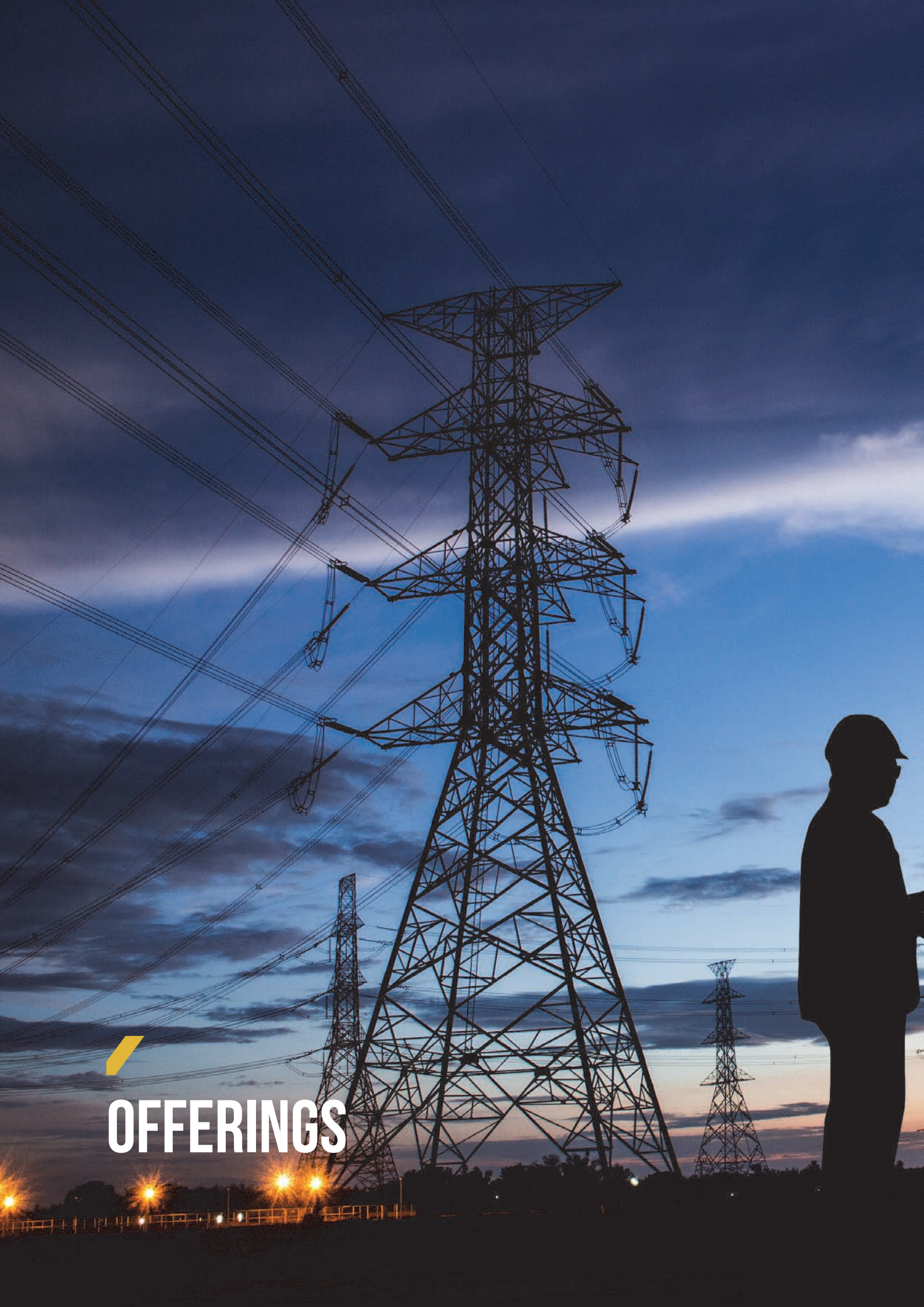
OpSys™ is being incorporated with a vision of enhancing the standard products experience by customized adaption and application to enhance the business operation & enriching lives.

Mission

Our objective is to understand and analyze the needs on functional requirements and business challenges in order to provide state-of-the-art customized applications and solutions by using standard global products and enhanced engineering for highest customer satisfaction.



OpSysTM



OFFERINGS





OUR SOLUTIONS

OpSys™ offers in the space of combined Electrical, Automation, Instrumentation & software solutions to the wide variety of industries. The solutions are being designed to meet the specific needs of various industries.

OpSys™ as a System integrator undertakes complete feasibility, design, engineering, procurement and implementation of the electrical & automation solutions by providing end to end application. The selection of product is always being considered as a strategically approach which fulfills the core functional requirement of business need while covering the adjacencies which helps the customer to realize more benefit and get the return on investment quickly.

The concept of feasibility to operation and maintenance which covers the complete life cycle of the industry makes OpSys™ as the obvious choice of the customer as an extended arm.

ELECTRICAL

SYSTEM AUTOMATION

CONSULTING

EDUCATION SOLUTION

SOFTWARE SOLUTION

ELECTRICAL

Electrical solutions business unit is the strategic business unit of OpSys™. Under electrical business unit OpSys™ provides multifold products and solutions for wide variety of economic sectors. OpSys specializes in providing value-added power system engineering consulting, analysis and Power Automation solutions. It's integrated turnkey solution for power system from design to maintenance makes it unique in the field of Power Automation.

OpSys™ is a strategic partner of many global company who have been thriving the journey with their innovative products and applications. OpSys™ brings that global expertise to the local business.

In Electrical vertical of its business OpSys™ specialized in:

POWER SYSTEM STUDIES AND DESIGN

- a. Dynamic Power System Study using ETAP software
- b. Electromagnetic Power System Studies using EMTP RV
- c. Renewable System Design & Analysis

POWER AUTOMATION SOLUTION

OpSys™ provides provides international product lines and associated system solutions with it's global partners:

PRODUCTS:

1. PLC
2. RTU
3. F-RTU
4. Meter
5. IEC 61850 switches
6. E-SCADA
7. PMS Software
8. Power analysis Software

SOLUTIONS:

1. Power Management System
2. Energy Management System
3. Load Shedding System
4. Substation Automation System
5. Solar SCADA System
6. Distribution Automation System
7. Distribution Transformer Management System

SYSTEM AUTOMATION

OpSys provides turnkey integrated System Automation solutions for process, manufacturing, water and other economic sectors. OpenSys along with its international partners combined experience provides the best of class solution for true automation keeping client's requirement on top. OpSys consider each project as a problem/need and take consulted approach for system automation from feasibility design and implementation.

OpSys provides the system automation as an integrated package from connecting the field instruments to the control center package and enterprise software solutions. The open thought approach which always keeps the business need in front looks for enhancements to provide the best of class technology keeping system engagement and smooth operation. OpSys provides varieties of application for automation from field automation, to shop floor integration, MIS and business intelligence.

OpSys truly creates a platform for management which has the holistic views of the process and arm with strong analytics and dash boards which will help the organization to find the weak areas and take the necessary action to improve the process.

OpSys with it's OEM partner also brings products and solution for catering to end of line packaging requirements. With the packaging automation, the production capability, efficiency and quality of any end line FMCG industry increases substantially.

PRODUCTS:

1. PLC
2. RTU
3. DCS
4. ESD & F&G
5. Networking
6. SCADA
7. Telecom, PAGA, CCTV etc.
8. Field Instruments
9. Analyzers

SOLUTIONS:

1. Integrated SCADA system
2. Pipeline Automation
3. Terminal Automation
4. Plant Automation
5. Shop Floor Automation
6. Control Center Development
7. Line Automation & Robotics
8. Integrated IT Automation

CONSULTING

OpSys provides the most suited Electrical and Automation solution to the business's specific needs at optimized techno-commercial approach. Hence OpSys's engagement in a project begins at the conceptual design and inception phase. Our expertise covers:

SYSTEM MODELLING AND DEVELOPMENT

Opsys has consistently recognized the development and use of power & Automation modelling tools as a key for success and implementation of optimal solutions that fits customer's expectation and business requirements.

After the conception co-design phase OpSys enters the detailed engineering phase during which engineering studies which may include, according to the type of project:

- Performing the Power & Automation Studies
- Understanding the Business process
- Finding Key Challenges and it's mitigation
- Evaluation of existing Automation & Telecom Infra
- Evaluation of Power Source and Distribution
- Finalizing the system Architecture and selection of best Product
- Review and Management of vendor drawings.

OpSys specializes in providing the below consulting & Analytical studies:

ELECTRICAL CONSULTING:

1. Power System Studies
 - a. Load Flow
 - b. Short Circuit
 - c. Relay Coordination
 - d. Harmonic
 - e. Arc Flash
 - f. Dynamic Analysis
 - g. Electromagnetic Studies
2. GIS based power modeling
3. T&D system Studies
4. Loss calculation
5. System Design and Engineering
6. Grounding Studies

AUTOMATION CONSULTING:

1. SCADA designing
2. Power System Automation Designing
3. Load Management System
4. Distribution Management System
5. Renewable SCADA
6. Energy Management System
7. Integration Strategy
8. Technology Pre-study
9. Hardware Evaluation
10. Protocol improvement & connectivity
11. Monitoring & Control System Design

EDUCATION SOLUTION

OpSys works as partner to provide the need of technology and scientific software for engineering colleges, technology universities, diploma and ITI institute.

OpSys as an extended arm of the educational institute also creates the syllabus and training courses which are practically required in daily life. It engages the students to develop the skills for the need of the future.

OpSys provides a number of products for university specifically for their Electrical, I&C specializations:

1. ETAP Power Lab
2. RTDS
3. Simulink
4. Matlab
5. Energy Management System
6. Smart Grid Solution
7. SCADA software
8. Auto Cad
9. IT Solutions

OpSys is also geared up for providing professional courses and short term career development trainings for the students. Pls contact with your query to get the professional solution



OpSys provides the services to various economic sectors

SMART CITY SOLUTION

A single intelligent platform for the entire utility management and smart city life:

OpSys is committed to provide the single and integrated utility management system for the smart cities across the globe. Opsys along with its partner provides the best of suit of hardware and software applications to meet the growing need for Power, Water & Gas operation management for utilities.

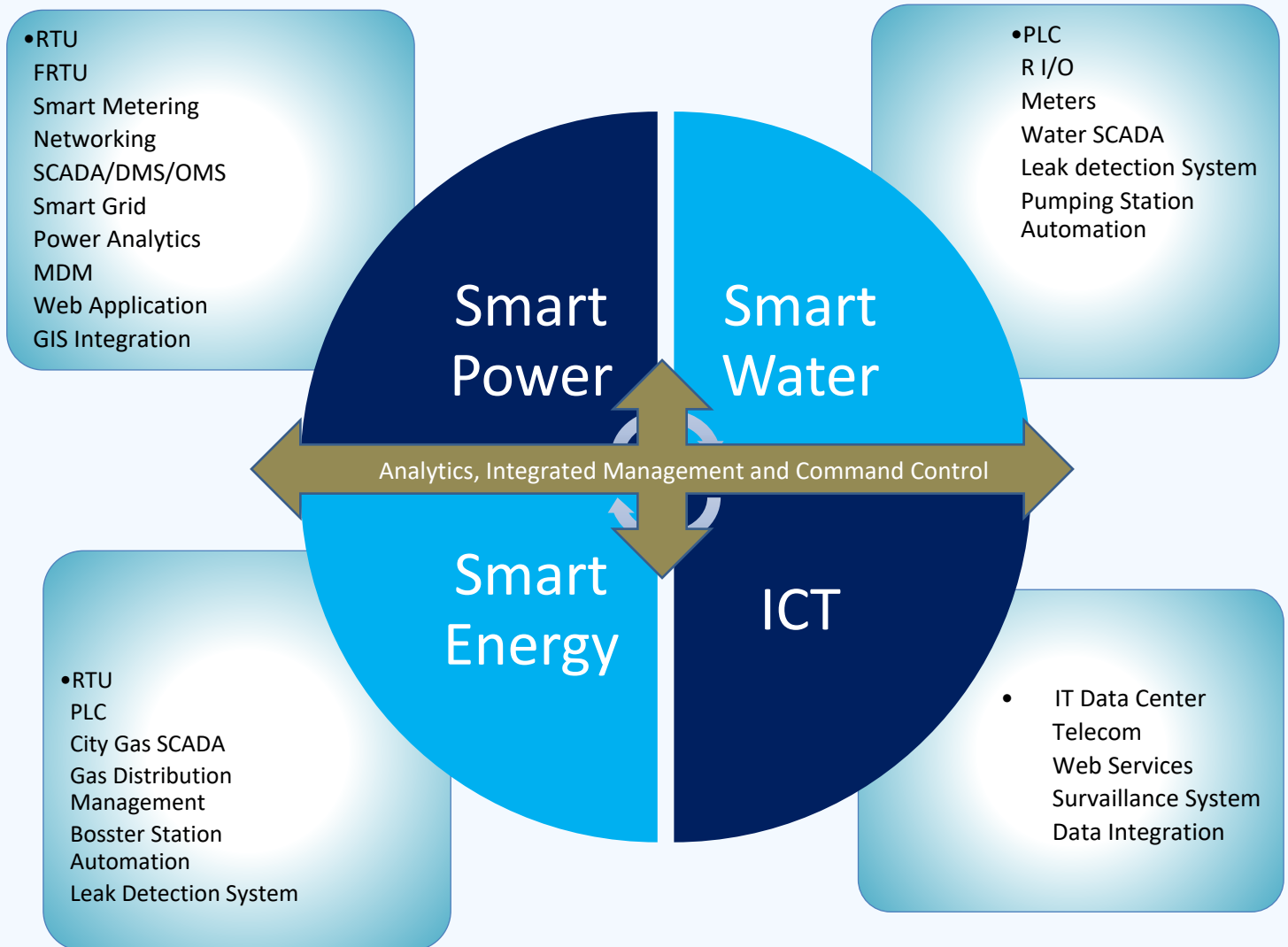
OpSys provides the integration of power, water and gas distribution through IOT and enables the artificial intelligence which helps the operator to take the smarter and optimized decision both at local station and command center level. OpSys also enable the different sources of information and integrate at command control center to be utilized for various business analytics and intelligence.

OpSys as your smart City Partner:

1. Smart consulting Support
2. Pre Bid Engineering and design assistance
3. Singular solution for entire Utility Management, surveillance and ICT solution
4. Strong technology Partners
5. Brings global experience and expertise and blend for local cities
6. One stop integrated solution
7. Strong domain knowledge
8. In house web developments for integration
9. Long term service support
10. High analytical solution

Utility Management	Smart Power	Smart Water	Smart Energy	ICT
Command Control Center KPI, Situational Awareness and Artificial Intelligence, Reporting, Planning & Future Ex				
Control Room Layer	SCADA, DMS, OMS GIS, Smart Grid	SCADA, Leak Detection System GIS, Smart Water Distribution	SCADA, Leak Detection System GIS, Smart Gas Distribution	Data Centre, IT HUB Firewall, Cyber Security
Local Control Layer	Substation Automation EWS, OWS, IPCS, 61850	Field Automation Local Monitoring & Control	Field Automation Local Monitoring & Control	Antivirus Local Security
Communication Layer	Networking, GPRS, M2M	Networking, GPRS, M2M	Networking, F-Bus	Networking, Switches
Field Layer	PLC, RTU, FRTU Meter, Protection	PLC, RTU, R-I/O Instrumentation	PLC, DCS, R-I/O Instrumentation	PAGA, Server, PC, UPS CCTV, Camera

OPSYS SMART CITY SOLUTION WHEEL



SMART CITY IOT INTEGRATED SOLUTION:

We also provide total IT solutions to build and manage your IT infrastructure needs to join the various smart city process data for IOT enablement. Either you required new setup or want to upgrade the existing command control center, we provide the end-to-end solutions. OpSys support SMB to Enterprises establish full network including Structured Cabling Solutions, Network and Wireless Solutions from L2 network to Core solutions and Cloud Solutions. Also we have good experience over the security system platform, where we provide the solutions of CCTV and Access control.



-> Data Center installation or upgrade

Data Center managed services continue to be core and key strategies for IT.



-> Servers installation and management

Your server is the heart of your network, its crucial to build it with the right hardware and software.



-> Networking & Switches

We help to provide the best solution for networking and switches for acquiring Data from Power, Water, Gas, and Surveillance Systems



-> Security Surveillance System

Also we have good experience over the security system platform, where we provide the solutions of CCTV and Access control.



-> Backup and Disaster Recovery Solutions

A cloud-integrated solution for protecting physical and virtual environments that includes software, appliance, and offsite replication



-> IT Security Implementation & Management

Security management deals with how system integrity is maintained amid man-made threats and risks, intentional or unintentional.

OPSYS SMART CITY ECO SYSTEM



SOFTWARE SOLUTION


OpSys represents a number of software products in the region as their value added system integrator, reseller and service provider. In addition to making the international enterprise software solutions from the globe to the region, OpSys also pioneered in providing in house **integrated software engineering services**.

Under **software services** business unit of OpSys offers a range of customized engineering application for enhanced business performance. The core expertise are as follows:

1. Automation upgrades and migration
2. Plant to Business integration
3. Custom software development
4. Project management
5. Operations improvement
6. Technology consulting



OPSYS VALUE PROPOSITION



OpSys brings the team of experts from various partners with extensive experience in diversified electrical & automation platforms and IT skills coupled with broad domain knowledge of core business sectors are the key differentiator. Apart from the partners, OpSys brings a very high consulting and domain expertise to understand the challenges and proposed the socio-economic solution as an extension of customer. OpSys strength also conceive of project management, cost management, open communication approach and hands-on experience to provide state-of-art solutions to customers.

The prime reasons to select OpSys are:

- Very unique offering for power system design analysis coupled with system automation
- Integrated system approach from combined Electrical & Automation for any industry with comprehensive domain expertise
- Leveraging on the vast manufacturing expertise and worldwide experiences of best practices and replicate locally.
- Strong technology and innovative product partners
- Still managing the pledge of make in India offerings
- Product agnostic, optimally engineered cost-effective solution in Electrical and Automation space based on Customer need
- Life cycle support to the customer

Due to the close proximity to the customer OpSys becomes obvious choice for the business houses.



LOCATION & CONTACT

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OpSys™

Your Extended Partner

