



A flexible and scalable platform to enable the energy systems of the future



**100%** success rate for rollouts and field services

**99.9%** meter value delivery

**30%** reduction in smart meter operational costs

Modernizing the current energy system requires a flexible and scalable foundation from which utilities can build, launch, integrate and operate services of the future.

**Capgemini's Next-Gen Energy Services Platform (Next-Gen ESP)** is a proven, end-to-end, modular, integrated platform that leverages the latest in data, analytics and automation to support foundational elements of a modern energy system, including the deployment and operation of a next-generation advanced metering infrastructure (AMI), as well as a wide range of supplemental services that can accelerate the transition to electric vehicles (EVs), increase the share of renewables, better manage decentralized energy sources and improve consumer engagement.



# The flexible, scalable platform of the future



**Modular, integrated platform** supports end-to-end AMI business processes



**Flexible and scalable architecture** responds to evolving business needs



**Intuitive user experience and best-in-class usability** improves business time to value



**RPA-enabled processes** unlock new delivery efficiencies



**Best-in-class security and compliance** features reduce risk



**Multi-tenant data separation** across business domains



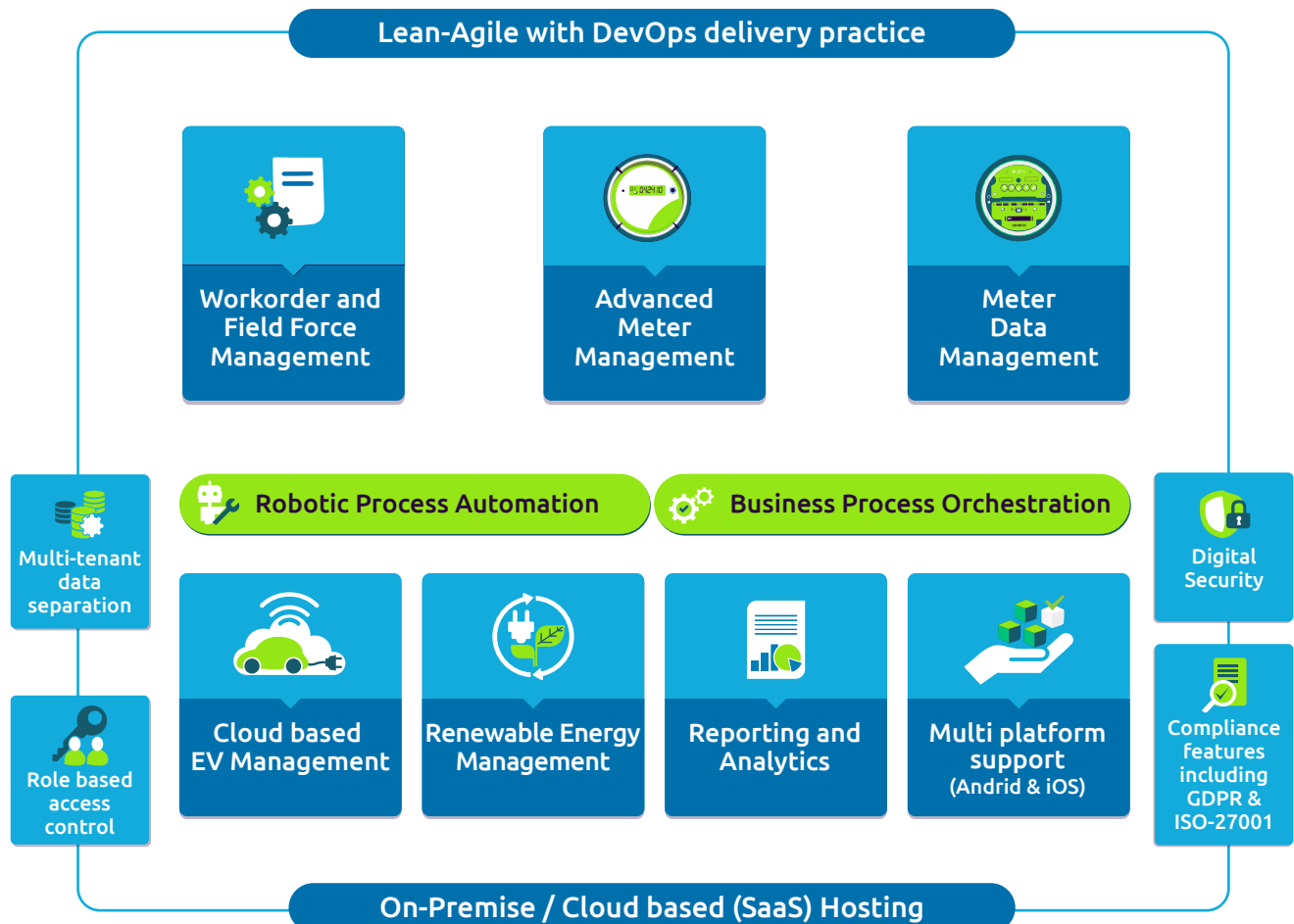
**Mobility solution** takes business processes closure to the users on the move



**KPI tracking through single-view dashboard** helps in visualization and improves business decision making



**On-premise and SaaS model**, including cloud hosting



# Next-Gen ESP: A platform of choice for customers who want to:



- Manage overall end-to-end AMI processes including field services, logistics and asset management
- Replace outdated or legacy meters and communication equipment
- Leverage digital transformation to drive incremental value from existing AMI
- Integrate AMI with other utility and smart grid processes
- Install and manage Electric Vehicle (EV) charging infrastructure and/or incorporate renewable energy sources

## Capgemini's Next-Gen ESP

Meeting existing and emerging business challenges through an adaptable, modular architecture



### Advanced Meter Management

Support the collection and delivery of meter values from electricity, gas and water smart meters across residential, commercial and industrial, micro production, exchange meters and unmeasured sites.



### Work Order Management

Manage large-scale smart meter deployment programs through business process orchestration and field workflow automation for features rollout, logistics management and customer communications.



### Meter Data Management

Process large volumes of data to facilitate information exchange and support various extended business needs such as meter-to-cash, network management, market communications and tariff structure support.



### Analytics and Reporting

Provide a robust and scalable reporting platform that offers a holistic view of business KPIs through customizable reports and an intuitive customer dashboard.



### EV Charging Management

Support the growing use of electric vehicles (EVs) through next-generation charging station management, control and supervision.



### Renewables Management

Manage micro production energy metering systems for solar, wind and other sustainable generation sources.



## Why Next-Gen ESP from Capgemini

Mass deployment of  
**23 million** smart meters worldwide

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**130 million** smart meters  
deployed globally

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**1.5 million** smart meters  
operated daily

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**15+ years** implementation and  
operating experience

Capgemini is a global leader in smart energy services, successfully designing and delivering AMI projects that include more than 130 million smart meters, as well as the mass deployment of 23 million smart meters worldwide—more than any other organization.

Next-Gen ESP combines Capgemini's experience as a world system integration leader in AMI, our expansive and impressive ecosystem of industry and technology partners and our organization's deep business transformation expertise to help utilities create an energy foundation that is scalable, flexible and capable of delivering value.

**For more information on Next-Gen ESP please visit:**

<https://www.capgemini.com/service/next-gen-esp/>



## About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of €17billion.

Learn more about us at

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