

# e-Objects Platform

**Bringing Internet of Things (IoT) strategies to life**



Harness the potential of the Internet of Things to enhance your business processes and performance.

# Make all the right connections with IoT

The Internet of Things (IoT) is revolutionizing business operations and enabling the development of innovative new services. IoT uses wireless or wired communication to connect objects, from smart energy meters and in-vehicle tracking devices, to health monitoring equipment, retail assets, and more.

But IoT solutions are complex. They demand the integration of electronic components, embedded systems and software, as well as a wide range of network and communications technologies and hardware.

The e-Objects Platform from Sogeti High Tech unravels this complexity. It gives you the design, implementation and management services you need, along with software and infrastructure components, to support end-to-end object connectivity.



Connected objects on an IoT platform can unlock more intelligent and innovative ways of doing business.

# Accelerating IoT solution development

The e-Objects Platform accelerates IoT development and implementation projects. It is a middleware solution that simplifies and secures IoT application development through ready-to-use components and services.

Available on premise or as a service, the e-Objects Platform can help you to:

- Optimize business processes;
- Reduce costs and technical complexity;
- Support new business models;
- Create new revenue streams.

## Multiple markets, networks and applications

The e-Objects Platform works across diverse industries. Based on open architecture, it can be customized to individual market and business need and offers compatibility with a wide range of hardware devices.

The following are just some of the sectors which can accelerate their IoT adoption with the e-Objects Platform:

- **Energy** – smart energy solutions, connecting meters and driving energy efficiency;
- **Transport** – in-vehicle tracking devices for supply chain management, driver safety and fuel efficiency;
- **Industry** – machine monitoring and management and remote diagnosis, maintenance and control;
- **eHealth** – monitoring patients in their homes or hospital beds for better health outcomes;
- **Retail** – connecting supply chains, displays, assets, stock, and EPOS systems;
- **Smart Home** – automation solutions allowing consumers to monitor and manage home security, comfort and entertainment;
- **Smart Buildings** – helping property owners and companies comply with sustainability targets and regulations;

As a systems integrator, Sogeti High Tech is truly independent. This means our e-Objects Platform can support any network operator and multiple applications. Our vendor independence ensures that the advice we give and system we build best matches the unique needs of each customer.



The ability to design and engineer global solutions, and the capacity to manage the key challenges of integration, security, reliability and quality of service are critical to the success of IoT projects.

# Two-way information exchange

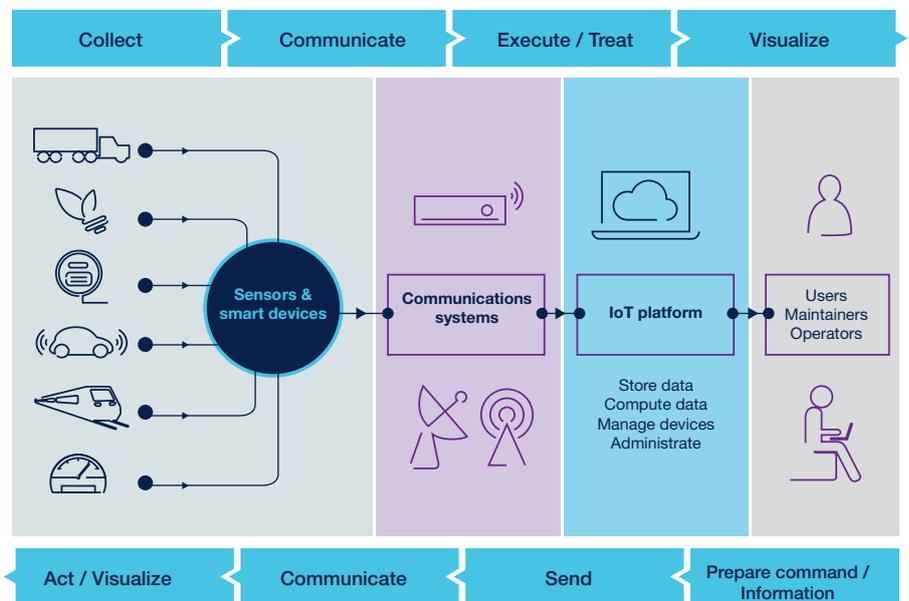
eObjects Platform is an infrastructure platform for connecting and managing objects, and linking them to business applications. This connectivity enables enterprises to collect data, control remote devices and manage and monitor equipment and assets, whether outdoors (such as vehicle fleets) or indoors (such as hospital beds).

It allows organizations to build smart solutions that delight the customer by

- Improving stock availability;
- Enhancing service delivery at the point of need;
- Ensuring quality through remote monitoring and control;
- Improving security and efficiency by locating people and assets.

## Here's how it works

Linking the connected objects with back-end information systems, the e-Objects Platform enables two-way communication between a central server and devices. This allows the enterprise to update the configuration of devices, track objects and monitor condition.



Software embedded in the devices manages the communication with e-Objects Platform through the communication layer. The e-Objects Platform can receive or send data to the devices, manage data, and manage the device fleet. Thanks to a software API, tailored business applications can be developed to meet specific customer needs.

Optimize processes, reduce costs and create new revenue streams with a complete IoT middleware solution that helps to connect your objects to the network and provides monitoring, management and business services.



## End-to-end solution

The e-Objects platform gives you more than technology alone. Our solution incorporates both professional services and IoT expertise with the technical components to accelerate your IoT project delivery:

It comprises full design, implementation and management services. These include

- Consulting – business case, ROI, solution definition, requirement analysis, project planning;
- Architecture and design – embedded systems, communication modules and protocols, middleware platform, business applications (web and mobile);
- Development, integration, security, testing and validation;
- Deployment, operation, support and maintenance of the e-Objects Platform and tailored business applications;
- Hosting from the cloud, providing e-Objects Platform to you in SaaS mode.

We also work with specialist IoT hardware providers who, based on your specifications, can provide you with the equipment you need to complete your IoT solution, such as communication gateways and sensors. e-Objects Platform and Sogeti High Tech are vendor agnostic and will work with the hardware which best suits your requirements.





# Do more with IoT

IoT solutions offer exciting potential for driving new revenue streams with new business models and the development of innovative services.

Building your IoT capability on the e-Objects Platform will speed up the value creation process so that you quickly begin to derive benefits, including:

- **Business process optimization:** improved supply chain operations and maintenance; real-time communication and measurement
- **Quality of service:** enhanced availability of product and improved condition monitoring; early notification of issues, proactive management
- **Reduced operational costs:** through better equipment monitoring, automated status updates and reduced downtime.

## Your solution; your choice

With the e-Objects Platform from Sogeti High Tech, you're not locked in with any one network operator or hardware provider. We can work with anything or anyone. The platform can be supplied on any Linux or Microsoft servers depending on your technology strategy. We'll also help you to change your supplier as part of your new IoT platform if you're looking to switch.

The e-Objects Platform keeps things simple. It is based on a simple commercial model comprising service and license fees, giving you the flexibility you need to create a secure network of connected objects. We deploy and maintain the platform and overall solution on your behalf, so your teams can carry on doing what they do best, while we ensure your IoT network runs smoothly.

## Learn more

e-Objects Platform has been developed by Sogeti High Tech, specialists in providing innovative methodologies, testing tools and transformational technology solutions. Our customers gain access to unique technical skills combined with Capgemini's decades of experience of improving performance across both private and public sectors. With our services ranging from strategic consulting to business process outsourcing, we are ideally placed to partner with large organizations and deliver the right technology to help them meet their strategic goals for connecting the enterprise and beyond with IoT.

**Seize the IoT opportunity and accelerate your business performance with the eObjects Platform.**





## About Capgemini and Sogeti

With almost 140,000 people in over 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2013 global revenues of EUR 10.1 billion. Together with its clients, Capgemini creates and delivers business and technology solutions that fit their needs and drive the results they want. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™ and draws on Rightshore®, its worldwide delivery model.

Sogeti is a leading provider of technology and software testing, specializing in Application, Infrastructure and Engineering Services. Sogeti offers cutting-edge solutions around Testing, Business Intelligence & Analytics, Mobile, Cloud and Cyber Security, combining world class methodologies and its global delivery model, Rightshore®. Sogeti brings together more than 20,000 professionals in 15 countries and has a strong local presence in over 100 locations in Europe, USA and India. Sogeti is a wholly-owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange.

Together Capgemini and Sogeti have developed innovative, business-driven quality assurance (QA) and Testing services, combining best-in-class testing methodologies (TMap® and TPI®) to help organizations achieve their testing and QA goals. The Capgemini Group has created one of the largest dedicated testing practices in the world, with over 12,300 test professionals and a further 14,500 application specialists with Testing experience, notably through common centers of excellence with testing specialists developed in India and elsewhere.

The Ready2Series is a label from Capgemini & Sogeti, bringing a range of innovative, tried-and-tested products which we commit to implement quickly, affordably, and at low risk.

For more information, please visit:

[www.capgemini.com/ready2series](http://www.capgemini.com/ready2series)  
[www.sogeti.com](http://www.sogeti.com)

For more details contact

**Jean-Baptiste Costis**

M2M Solution Leader, Sogeti High Tech  
Park Avenue 2, 57 Avenue du Général De Croutte, 31100 Toulouse, France  
Mobile +33 (0) 7 86 42 40 46  
Assistant +33 (0)5 34 46 93 09  
[jean-baptiste.costis@sogeti.com](mailto:jean-baptiste.costis@sogeti.com)  
[www.sogeti.com](http://www.sogeti.com) / [www.sogeti-hightech.fr](http://www.sogeti-hightech.fr)