Innovate, Transform and Connect with Capgemini Group and IGATE

The combination of IoT and Big Data will be the game changer in the next wave of computing

Formulating and advancing the culture of innovation

We live in a fast-moving, complex world of increasingly connected people and connected things that are creating vast new digital footprints. And with thousands of new types of connected devices emerging, creating billions of new Internet endpoints, the opportunities promise to be a game changer for any enterprise. But how do you get a better view of what's happening on the outside and a faster view of what's happening on the inside? We can help you transform, innovate and connect in this new world of the Industrial Internet and information landscape.

IoT and the Industrial Internet – the next wave of connected services

It's big and game changing. IoT is at least as significant as, if not more so than, the advent of the original Internet and the combination of IoT and Big Data will be THE game changer in the next wave of computing. But how can companies begin

their IoT journey and how can they make, rather than just save, money from IoT?

Capgemini Group and IGATE enable our clients to significantly increase their operational efficiency and revenues through 'e2e' designing and implementing new business and operating models along the entire value chain, leveraging smart products, services, innovations, supply chains and factories based on disruptive digital technologies.

We've many years of experience in the machine-to-machine market and have already helped clients use IoT to deliver new services more efficiently and cost-effectively, and to automate processes such as manufacturing and maintenance.

Our IOT services include, IoT/M2M Cloud Platform, Intelligent Context Aware Things (ICAT) Program IoT Platform Assessment Methodology, Predictive Maintenance, Smart Factory, Solution design and delivery on top of wearable technologies, machine to machine solutions and rapid concept and design prototyping.
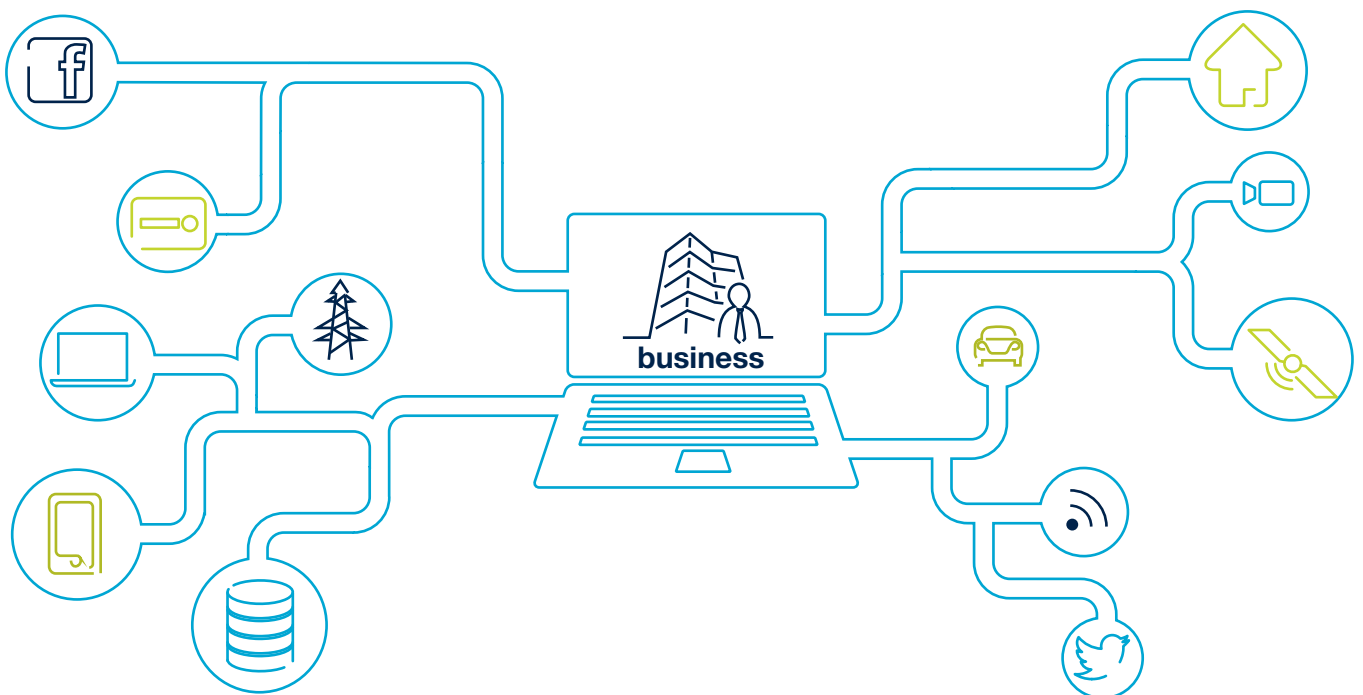
Digitizing the factory floor with Predix

IGATE, a trusted partner of GE for last 25 years, is already engaged with GE in building and supporting cutting edge applications on Predix like Visualization, Fleet performance, Outage Management, and Energy trading process

optimization. Both GE and IGATE know that this powerful platform provides the technical foundation for their clients to power industrial apps that capture, monitor and analyze machine data to improve throughput, reduce unplanned downtime and improve operational efficiency.

Big Data doesn't mean big problems

Capgemini's study Big & Fast Data: The Rise of Insight-Driven Business shows we're now at an inflexion point, where big data has created entire new ways of getting insight from data at a technology level. Organizations need to make data the foundation for every decision they take; taking control of the huge volume of unstructured data, processing all the data available, distilling it to provide specific insight that drives better business performance. This requires the cost effective management of huge volumes of information combined with the skills to deliver the right type of insight in the right way.

Together, Capgemini Group and IGATE bring leading data technology experts with business and industry sector expertise to help clients get better value from new big data sets from enterprise and external data, to stay one step ahead. We can also help clients take control of Big Data and transform their information landscape so that information is managed based on the value it delivers. We're also working

directly with the engineering teams of some of the software industry's most innovative startups to drive a more consistent managed approach to the big data ecosystem.

Business Data Lake – delivering Big Data to everyone

Embracing Big Data satisfies both local and corporate needs from an integrated environment. We call it the Business Data Lake. Capgemini and Pivotal co-created the Business Data Lake, a next-generation information management solution, combining Capgemini's extensive experience in delivering digital transformation with Big Data and Analytics skills with Pivotal's cutting-edge technology.

Now expanded to include more technologies, the result is an ODP compliant Business Data Lake, a new approach to enterprise reporting and information management that stores everything on one interface and provides key insights from data where and when they are needed.

The Business Data Lake is a fully-engineered, enterprise-grade data lake that makes big data initiatives radically simple. Using pre-configured building blocks, converged infrastructure, and an intuitive recommendation engine, this lets you focus on new capabilities—instead of new infrastructure. And a flexible, self-serve, virtualized ecosystem means you can prove the value quickly, scale out rapidly, and keep things like security and governance under confident control.

ODP – a common platform for Big Data to flourish

Open data touches on every part of our lives, but the current ecosystem is challenged and slowed by fragmented and duplicated efforts. Capgemini and GE are key partners in The Open Data Platform Initiative (ODP) - a shared industry effort focused on promoting and advancing the state open source software from the Apache Hadoop® ecosystem and Big Data technologies for the enterprise.

The ODP Core will take the guesswork out of the process and accelerate many use cases by running on a common platform, and freeing up enterprises and ecosystem vendors to focus on building business and data-driven applications.

Cloud Foundry – the cloud native platform that's faster and easier

As software transforms industries across the world, more companies are embracing software as a core competency to differentiate and capture new opportunities. Backed by some of the heaviest heavyweights in business, Cloud Foundry – the global industry standard for open cloud native application platforms - gives companies the speed, simplicity and control they need to succeed in a cloud-first world.

Capgemini and IGATE work with Pivotal Cloud Foundry to help organizations make the transition to cloud native enterprise with a complete platform for delivering software rapidly, consistently and reliably at scale.

Our credentials?

We've completed a number of successful IOT projects and PoCs across various industries:

- Fitness reward program using wearable devices (Samsung Gear, Jawbone, Fitbit etc)
- Indoor Positioning System for IROCS*, wirelessly locating objects or people inside a building
- Usage-based Insurance & Road Condition Monitoring, with Drive Monitor (smartphone-based telematics)
- Smart Mirror/Augmented Fitting Rooms, a Microsoft Kinect-based augmented reality solution
- Strategy for IoT platform for a global telecom and entertainment major
- IoT Analytics Platform for a major mining company.

And we've helped many companies maximise the opportunities of Big Data including:

- A global employment agency, to improve their ability to match job seekers with openings
- A global Telco, to enhance insight into network usage and identify new commercial opportunities
- A government tax office, to process debt payments more quickly using Big Data and Predictive Analytics.

Find out more?

Capgemini, Sogeti and IGATE have built up a strong capability in Big Data, Cloud, Mobile, Engineering, IOT and Distributed AI.

With dedicated R&D centres, a network of state-of-the-art laboratories and technology-specific Centers of Excellence around the world, these advanced skills are complemented by consulting skills, industry expertise and technology capability onshore and offshore.

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To find out more visit us online at
www.capgemini.com, www.sogeti.com, and www.igate.com

About Capgemini and Sogeti

Now with 180,000 people in over 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2014 global revenues of EUR 10.573 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. 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. 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.

IGATE

IGATE provides a full spectrum of consulting, technology and business process outsourcing, and product and engineering solutions on a Business Outcomes-based model. Armed with over three decades of IT services experience, IGATE's multi-location organization consistently delivers effective solutions to over 300 active global clients, including a large number of Fortune 1000 companies.

Our customer footprint spans across verticals such as banking and financial services; insurance and healthcare; life sciences; manufacturing, retail, distribution and logistics; media, entertainment, leisure and travel; communication, energy and utilities; federal government; and independent software vendors. IGATE is the brand name of IGATE Corporation and its subsidiaries.

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