

WL • Connected Living solutions

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unlock the power of Internet of Things

through engaging Connected Services



Worldline

Fast-growing adoption of IoT & M2M and increasing demand for an innovative IoT Cloud platform

The continuous growth of the Internet of Things ecosystem and the development of artificial intelligence provide **new opportunities for an improved customer experience**. The focus is no longer on gadgets, it's on interoperable objects that can communicate and provide tailored solutions for end users. With Worldline's innovative IoT Cloud platform, companies can gain a deeper understanding of their customers: **increasing the level of services while minimizing costs and embedding their brand at the center of customer's life.**

The global Internet of Things market will grow to \$1.7 trillion in 2020 from \$655.8 billion in 2014; the global market intelligence firm IDC* says, as more devices come online and a bevy of platforms and services grow up around them. IDC also predicts that the number of **"IoT endpoints"**, connected devices such as machines, cars, refrigerators and everything in between, will grow from 10.3 billion in 2014 to **more than 29.5 billion in 2020!**

* IDC-Three Landmark Reports in the IoT Space-June 2015

With the multiplication of "IoT endpoints", companies will increasingly look to platforms and services to help them manage and analyze the streams of data from connected machines, cars, appliances, thermostats, smart watches, etc. CIOs are considering how to best manage the multitude of new devices that could enter their companies and how to make them secure, as well as deal with new types of data from multiple sources in real time. As **confidentiality and data privacy** are more critical than ever, companies need to create new management policies for these connected devices or find a trustworthy third-party company to deliver such a platform for their needs.

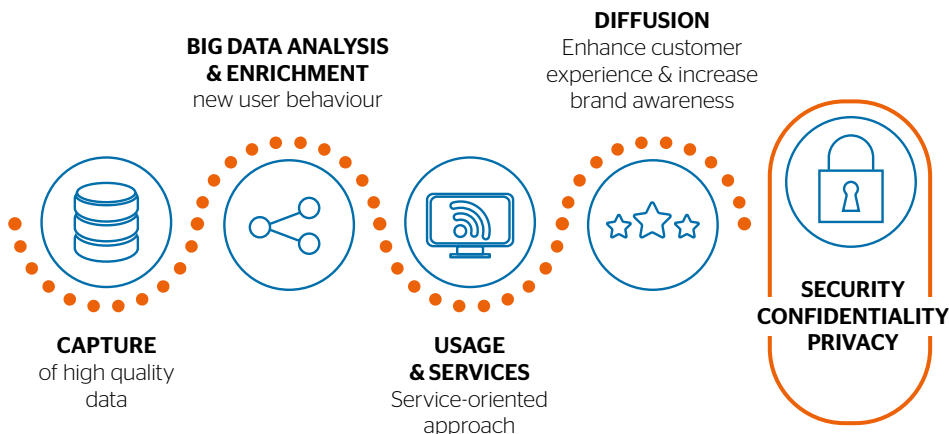
“ Whatever your object is, we can connect to it and help you engage with your customers in a profitable way.”

Interoperability is also a major sticking point for corporate adoption

Since 2009, Worldline has allowed its customers to become multi-service operators, by controlling an ecosystem of partners delivering services around connected objects. Cloud-based platforms help organizations manage, develop, and assemble their services in a secure way.

The platform also helps to market, sell, integrate, develop, and support M2M connectivity and cloud services across business verticals such as retail and automotive and industry.

These challenges bring new opportunities for enterprises to **enhance customer relationship** and brand intimacy, transforming themselves from a Product Centric to a Customer Service company. They can use the "voice of product", machine learning and artificial intelligence, to improve their offering developments and increase the level of customer experience thanks to tailor-made new services. Enterprises can also increase spare part business with appropriate provided services and reduce maintenance costs by predicting repairs.



Worldline is the leader for IoT transactions, with the assets and business models to support the creation of a highly innovative IoT business

Initially focused on M2M, Worldline Connected Living is now successfully developing new Internet of Everything business models

Previously product-oriented markets are shifting towards a more service-oriented approach, based on a more detailed understanding of customers. With the digital transformation of industries, IoT solutions are now moving towards even more innovative business models, based on the value of data.

There is still enormous untapped potential in connecting devices such as household devices, vehicles and fleets and industrial machines.

WL Connected Living solutions aim to connect these devices across the boundaries of their respective application areas and to unify the control and monitoring of device functions with a one-stop solution.

The previously separate worlds of home automation, consumer electronics and information and communication technology are about to merge.

Provide your customer with new services, enhancing the customer relationship and brand intimacy

Our WL Connected Living solutions will allow you to:

- transform your Products into Services to create more customer intimacy
- monetize innovative services and create value with specific products
- build your services ecosystem
- use fresh IoT data and analytics to optimize your own business



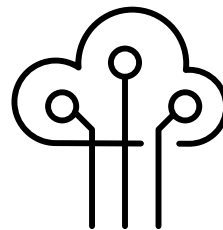
Our star features to make your digital transformation a success

- Unique combination of IoT enabler and end-to-end services in focus markets
- > 20 protocols managed
- Truly **open platform** with Push/Pull/Streaming data with 3rd parties
- Unique sales-related features that could be coupled with Worldline e-Payment services
- Bank-grade **Security & Privacy DNA**
- Multi-objects & multi-connectivity

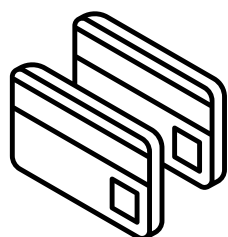
Objects connected in over **130** countries



More than **2M** objects connected

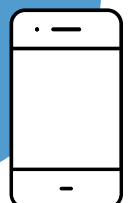
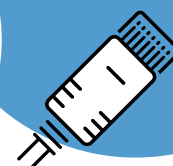


100K messages/sec. in Real-time



+70M transactions per day

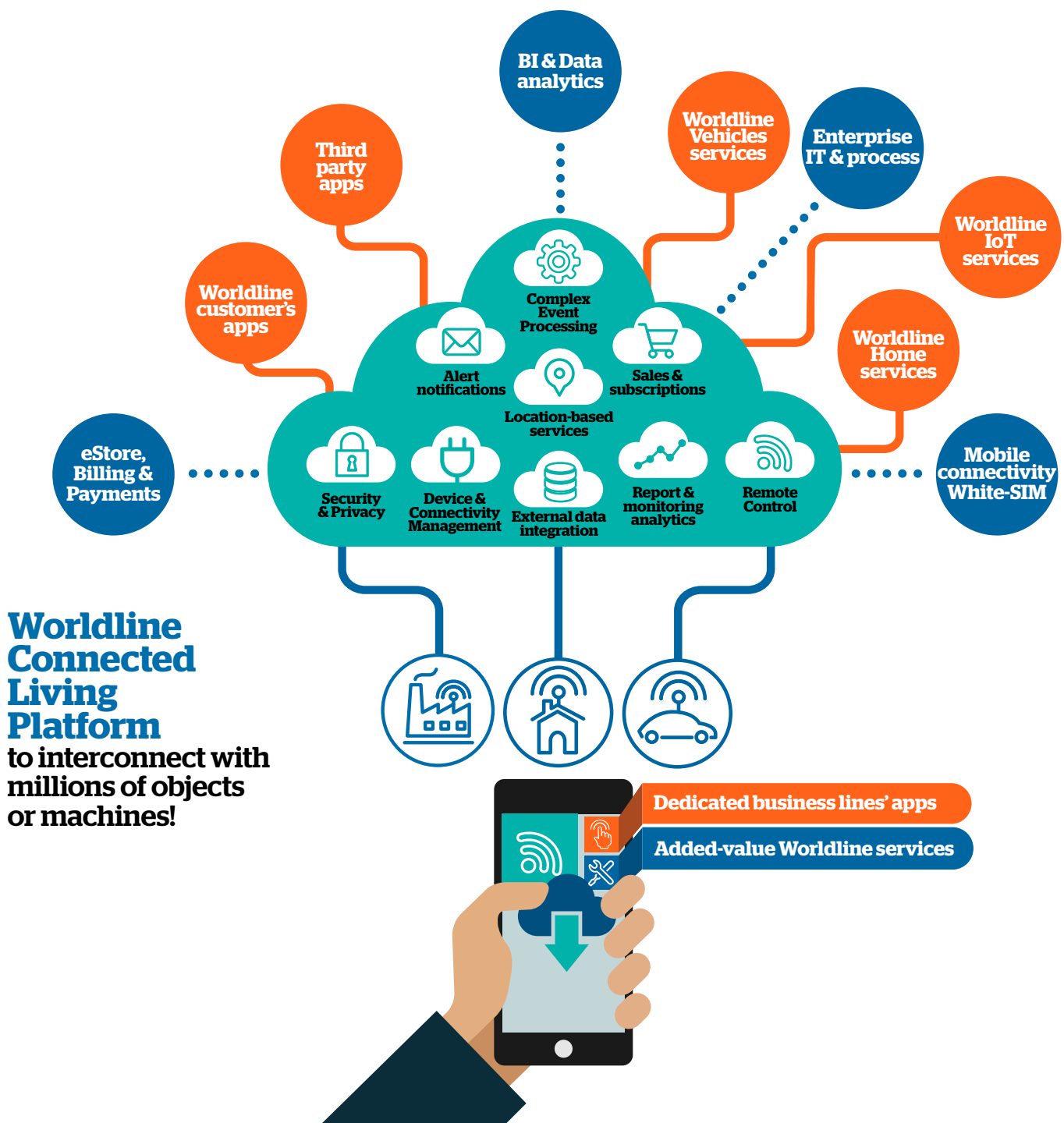
Wired & unwired connectivity



Connected Living product line relies on a high-capacity cloud-based platform for M2M and IoT

It consists of a horizontal IoT enabler called **Connected Living Platform**, a set of vertical applications and an own wireless connectivity network. Accordingly, Worldline currently offers enterprise and consumer solutions for various environments such as automotive, smart retail, machine builders and home. This high-capacity platform improves Internet of Everything applications' time-to-market and allows future-proof investments.

Worldline has proven experience in accompanying its clients in their full digital transformation, thanks to **added value services** from Mobile connectivity with **own white SIM**, until payment expertise, including BI and data analytics services.



Engage your customer via a leading connected vehicle solutions provider

New value-added solutions for fleets with WL Connected Trucks and EFFITRAILER™

Worldline supports MICHELIN® solutions, a Michelin group company specializing in fleet mobility, with the implementation of innovative connected solutions for B2B customers.

Worldline is well positioned in the markets for transaction processing, exchange and optimization of the use of data between customers and their users. It has developed the Connected Vehicles solution to support its customers in the automotive and transportation industries in what matters most to their business development: mobility. It has also helped to create the new EFFITRAILER™ solution, which provides clients with a value-enhancing services package that optimizes the management of their trailer fleet.

“EFFITRAILER™ improves haulage firms’ operating margins while strengthening the safety of their loads and enhancing delivery reliability. Thanks to the Worldline platform’s modularity and operational capacity, we rely on Worldline to develop innovative offers and to roll them out throughout Europe.”



Philippe Miret,
CEO of MICHELIN® solutions

Renault R-Link: the first car-based internet solution with embedded connectivity!

Worldline implemented the first mass-market IVI services aggregation platform including M2M, eStore and an in-car payment system. R-Link was designed to offer the best user experience to ensure continuous access to a large number of online apps. Renault R-Link exists in more than 50 countries and is considered a connected car benchmark. Renault will keep its competitive advantage with R-Link 2.

“With R-Link, Renault aims to offer customers not only the car that suits them, but in addition, the most cutting edge personalized and interactive services, at the best price, creating a global partner ecosystem with a winning business model.”



Jean-François Martin,
Director of Renault Services International



Tablets and smartphones are a natural gateway to the car

Parrot ASTEROID the biggest connected car apps provider

Worldline provides the ASTEROID market (app-shop) containing a wide range of apps for Parrot ASTEROID multimedia system, rolled out in more than 30 countries.

Parrot
ASTEROID



WL Connected Drivers: a solution to improve car experience

This solution is a Worldline Connected Car solution, is a smartphone app that connects cars through an OBD Dongle that is easy and fast to install. It assists car owners with high quality traffic and routing maps, best fuel price locations, vehicle health status, car repair and maintenance information, eco-driving advice...

Its Software Development Kit (SDK) allows third-party app developers to leverage the car context, both on the smartphone and on the Cloud, to produce **context-aware apps**.

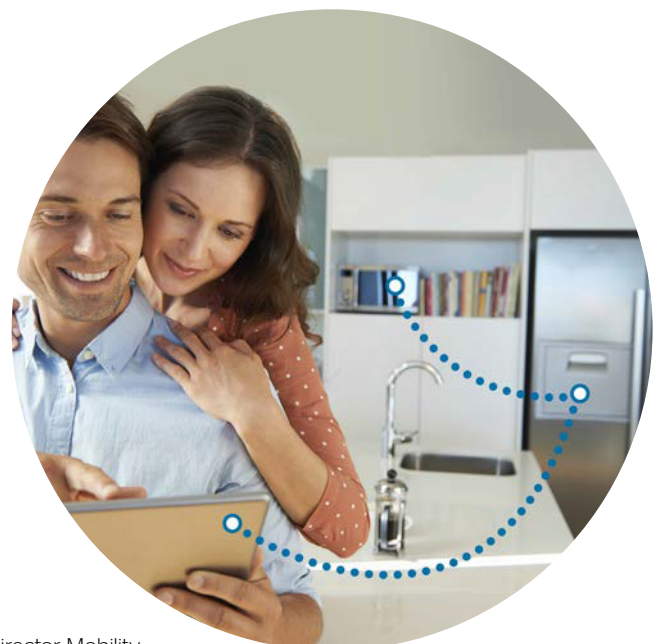
This is a **white label solution** that can be used by car repair and maintenance shops, usage-based insurance companies and aftermarket car makers. Additionally, its Functional Movement System app is useful for Connected Fleet Management apps.

Boost consumer lifestyle with smart connected home applications

A cloud platform for Connected Home Appliances for BSH

Using the Worldline Connected Living platform, BSH Home Connect is included in Bosch and Siemens's new range of smart home appliances. House owners can **interact with their household appliances in real time, anywhere and at any time**. Their after-sale experience is more convenient thanks to tailor made advices and efficiency of remote diagnostics. Home Connect is based on a home standard Wi-Fi connection and highly secured WL Connected Living platform hosted in the Worldline Cloud. Household appliances such as ovens and dishwashers will soon be available worldwide and able to **interact with other objects to offer even smarter services to users**.

“Our ambition is to stay one step ahead of clients' expectations in terms of mobility and simplicity. Whatever the product, we can connect it, optimize it and accompany our clients in their digital transformation.”



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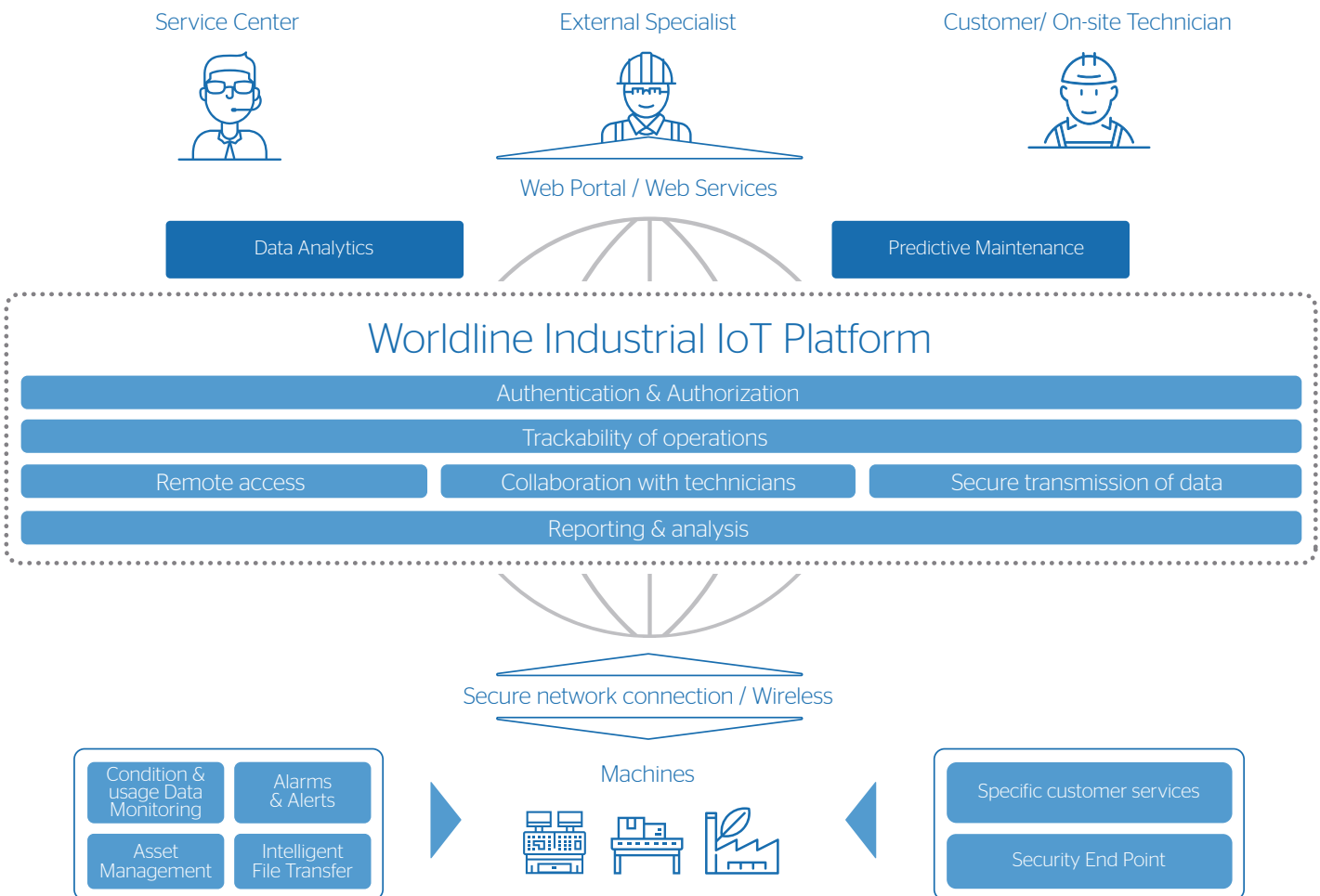
Olivier Stuckens, Managing Director Mobility & e-Transactional Services at Worldline.

Absolutely secure machine remote access

Worldline Remote Maintenance IoT Platform

Secure remote access to machines for maintenance purposes

More than 360,000 systems of Siemens in the area of Industry, Energy and Healthcare are serviced by our Industrial IoT Platform. It consists of the infrastructure and services created for the purpose of **safe authentication and authorization for the remote intervention of service technicians**, through numerous protocols and remote applications. It has multiple benefits: attractive SaaS business model, reduction of field service costs, shorter Time-to-Repair, more efficient planning of resources and advanced service procedures with data learning.



Worldline Digital Doorman IoT Platform

Secure remote access to production sites for external suppliers

This solution is made up of infrastructure and services **controlling access to the production site by external maintenance suppliers**. The platform can be offered either with a software licensing model, or as a service on a shared or dedicated platform in Worldline datacenters. Its efficient usage-based pricing model reflects the intensity of the client's remote activities and their specific requirements. This platform offers high system availability, integrity of data and authenticity of all users according to the latest security standards, based on Worldline's 40 years of expertise in operating critical platforms.



**Watch the video
of the Connected
Living offering**

For further information
infoWL@worldline.com

