

## about Sparkle

Sparkle is a leading global service provider offering full range of IP, Data, Cloud, Data Center, Mobile Data and Voice solutions designed to meet the ever changing needs of Internet Service Providers, OTTs, Media & Content Players, Application Service Providers, Fixed and Mobile Operators as well as Multinational Corporations. Thanks to a state-of-the-art global backbone of around 530.000 kms of fiber and through an extensive worldwide commercial presence distributed over 33 countries, Sparkle ranks #10 for voice traffic and #7 for IP globally. Through a

rich portfolio of services, a cutting edge network based on the latest technologies, a globally distributed sales force and advanced customer care capabilities, Sparkle is able to fulfil its mission of providing customers with top performing and tailored solutions worldwide. With a truly global dimension and a local outlook, Sparkle stays close to its customers to understand their needs and ensure they receive the very best care.

**Sparkle. The world's communication platform.**  
Find out more about Sparkle at [tisparkle.com](http://tisparkle.com)

  
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# Home Doctor

The innovative monitoring system  
for remote patient management (RPM)

 **SPARKLE**



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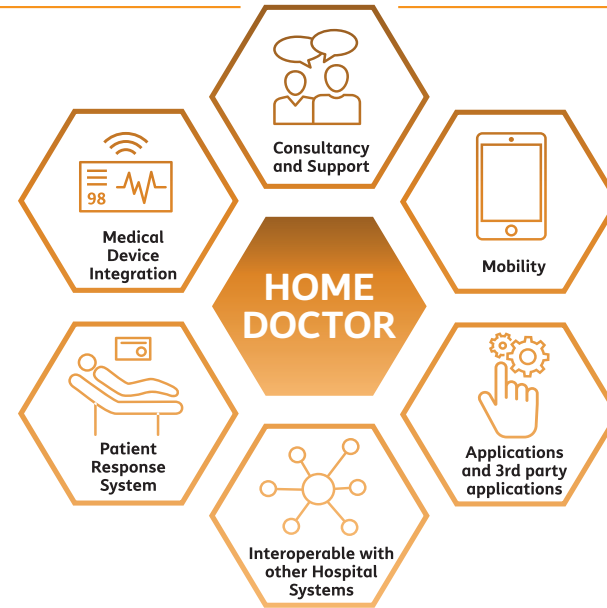

## Value Proposition

In the health sector, the main goal is to provide patients with the assistance they need. In many cases, it is convenient to monitor their health by communicating with a doctor also remotely, especially in the case of patients living in isolated areas.

Sparkle Digital Health solutions are designed to support entities like Insurance Companies, Hospitals, Chemistry Chains and Public Administrations to meet the needs of doctors and patients, in order to make the management of assistance activities easier, cheaper, more effective and innovative, in full compliance with patient privacy protection standards and current medical regulations. Solutions are provided for remote monitoring of the main vital parameters, teleconsultation, teleassistance, tediagnosis, remote reporting and remote assistance of patients.

## A New Innovative Solution

The Sparkle Home Doctor solution is a “PaaS” (Platform as a Service) service in Cloud **ISO 20000, ISO 20017 certified and Class certified CE medical device (IIa)**. The certification is valid all over the European Community. The main Home Doctor platform is installed in Italy and provides full disaster recovery capabilities.



## Customer Benefits

The platform allows customers to execute certified remote monitoring of the patient's main vital parameters, thus making it possible to manage them remotely, with the consequent enhancement of health response and minimisation of economic investment.

The physiological parameter, detected by medical device, is forwarded via a tablet or smartphone to the central platform, to which healthcare professionals can access from any location and assess the adequacy of the measures received. The Home Doctor service provides for the centralised management of the patient's registry and guarantees the security and protection against possible manipulation of personal health data through blockchain technologies.

The Sparkle infrastructural services are aimed at improving ehealth services by offering the possibility of carrying out numerous remote activities for doctors, nurses and patients.

The main ehealth applications that can be **integrated into the Sparkle Home Doctor platform** are:

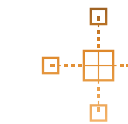
- high value products and services, aimed at general medicine, that enable new primary care models and offer proactive medical services (e.g. population screening campaigns managed by general practitioners)
- teleconsultation with assisted videoconference services
- secure storage of digital diagnostic images
- support in the management of healthcare, administrative and logistic processes
- support in the management of the operational centres dedicated to ambulance health emergency and assistance continuity

## The Advantages of Home Doctor



**A unique platform in line with regulations and open to the future**

Home Doctor is a “PaaS” service in Cloud that provides Disaster Recovery and Business Continuity in the event of failures or anomalies in the operation of the customer's IT network. The solution is **CE certified as a class IIa medical device and as a multiparametric telemetry system; with respect to data protection, it complies with European regulations on the GDPR**, ensuring the total privacy of patient's data according to the rules on the processing of sensitive information.



**Flexibility to address several targets**

The Home Doctor solution meets the various requirements in the field of telemedicine. It can be both offered to the **Public Administration in hospitals** as well as to **Private Clinics, Pharmacies, Medical Clinics and Insurance Companies**.



**Possibility to localise patient data**

The solution can be architecturally structured for usability in specific countries through the remotisation of patient data (export) in a local DB. Specific APIs will also provide guarantees of immutability of data through blockchain technologies.

For more information  
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