IoT

Healthcare

IoT technology is proving to be an increasingly valuable tool for healthcare operations to help drive better patient experiences and outcomes.

The challenge for Healthcare

In our ever-changing world, the demands and expectations of our healthcare facilities keep increasing. Through the growing use of mobile connectivity, IoT sensors and wearables, healthcare professionals are able to increase supply chain management and asset tracking, improve the security and safety of patients and staff, gather vast amounts of valuable patient data and wholly improve the standards of patient care.

How IoT technology is benefitting Healthcare:

Remote Patient Monitoring

Known as the Internet of Medical Things (IoMT), IoT wearables and sensors are being used to drastically improve healthcare standards by facilitating the collection of a wide range of patient data, refining the quality of healthcare and chronic illness monitoring.

Medical Facility Access Control

Utilising IoT-enabled keyless technology is helping medical facilities improve the safety of patients and staff, improve emergency response procedures, protect and monitor equipment, and reduce the cost of staff turnover.

Hospital Equipment Tracking

A subset of asset tracking, Real-Time Locating Solutions (RTLS) utilise tags and IoT sensor technology to monitor the location and use of hospital equipment to increase output efficiency and reduce theft or loss.

Flexible & Portable Connectivity

From allowing paramedics to use tablets to securely access patient records in ambulances to facilitating the launch of makeshift/temporary healthcare facilities at short notice, mobile data & IoT technology is ensuring the healthcare industry always stays connected.

What is a Healthcare IoT Solution?
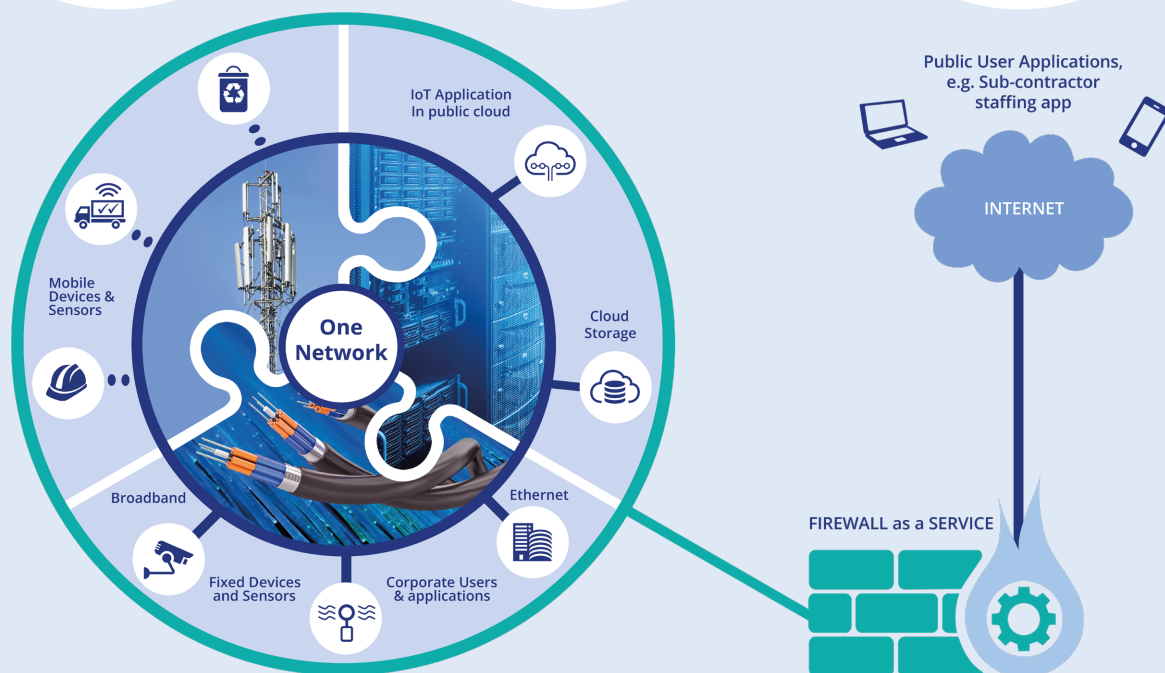
Here are the 3 key elements:

THE HARDWARE

Sensors, devices and SIMs installed, wherever they may be required, to collect and record raw data.

THE CONNECTIVITY

The link between the hardware devices and the cloud based software applications using intelligent networking and data connectivity.

THE APPLICATION

Smart applications and data analytics which translates raw data into information, alerts and action presented in a management platform.

IoT Application
In public cloud

Public User Applications,
e.g. Sub-contractor
staffing app

INTERNET

Mobile
Devices &
Sensors

Cloud
Storage

**One
Network**

Broadband

Ethernet

FIREWALL as a SERVICE

Fixed Devices
and Sensors

Corporate Users
& applications

Let Spitfire simplify the process by offering a secure private MPLS network for your IoT solution, significantly reducing the time spent configuring and securing your data network:

- Highly secure by avoiding public internet traversal
- MPLS / Private APN networks available
- Fixed public and private IP addresses
- Avoid need for encryption

- Single provider for all connectivity
- Flexible pricing plans
- Single bill and point of contact
- Easy to manage and support

One network, one supplier, one bill, one contract, one contact.

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