Transformed business
Internet of Things (IoT)

Do you want to discover what your data is really telling you? Liquid Telecom is innovating and improving the way its customers experience their digital transformation journey by providing IoT solutions which cover the end to end process- From smart devices, secure connectivity to state-of-the-art platform capabilities. From simple to complex deployments, we will assist you every step of the way.

What is IoT?

The Internet of Things (IoT) represents a concept of enabling internet connectivity for devices or things allowing them to send and receive information. IoT creates value through optimizing operations and enhances customer satisfaction by improving how these connected devices work, collect and analyse the data collected.

IoT solutions are vital for any business as they look to embrace their digital transformation and create new services that will enable them to compete effectively at present and in the years to come.

Why Liquid Telecom?

Liquid Telecoms understands that an IoT solution can't come off the shelf, it can't be bought as a square package and shoved into a round hole.

Everything starts with a clear understanding of what needs to be achieved. What is the goal that we aim to achieve by considering this solution? Reduce costs and downtime? Maximize productivity, safety and efficiency? This is a question which sits at the core of any IoT development with Liquid Telecom because the business goal directs how we develop the solution, the technology considered, and the methodology adopted.

Liquid Telecoms is a one-stop-shop providing a range of IoT solutions. We save you from the inconvenience of juggling multiple partners while trying to figure out how to maximize your IoT investment. We ensure you get the value you want and the peace of mind you need all in one place.

Benefits:

- **Maximize revenue –** Improve your insight into operational activities allowing you to easily detect inefficiencies and act on them.

- **Reduce time to market -** Fastrack your deployment timeline through the use of existing frameworks which can be customized to meet your specific requirements.

- **Single pane of glass -** Ability to integrate into your existing systems and processes to provide you with a single dashboard which gives you control of all your operations.

- **Real-time alerts -** Receive alerts, in real-time, when anomalies are detected allowing you to act as quickly as possible.

- **Historical data -** Learn from the past by accessing and analysing historical data to ensure you are continuously evolving your business.

- **Data analytics** - Convert raw data into insightful, meaningful information which will allow you to make data-driven decisions.

- **24/7, 365 access to your data -** Track and have visibility into the conditions and performance of your assets from anywhere and at any time.

- **Improve customer experience -** Give your customers better Estimated time of Arrival (ETA) predictions and also provide awareness into how their packages have been handled throughout the supply chain.

- **Installation covered -** A specialized mobile team ready to manage your installation.

- **End to end solution -** We provide you with the entire solution from accredited devices, secure connectivity, state of the art platform access and customer support throughout.

LIQUID TELECOM

Building Africa's digital future

Internet of Things (IoT)

Features:

- **Secure environment -** We provide you with accredited devices and secure connectivity and platform access.
- **Bi-directional communication -** Two-way device communication allowing your devices to send and receive information.
- **Variety of supported devices -** Devices support Low Power Wide Area Networks (Sigfox ready, LoRa enabled), cellular, satellite and short-range communication (Bluetooth, RFID, WIFI and Zigbee).
- **Fully agnostic and technology-neutral platform -** Access to a platform which allows you to run multiple solutions that can all be integrated into a single dashboard view.
- **Alert generation and accessibility -** Develop conditions/triggers upon which alerts can be developed and distributed via SMS, email, as a WhatsApp message or as notifications through a customised mobile application.
- Visual reporting - Visually appealing scheduled and automated reports which bring your data to life.
- **Multiuser hierarchy -** Allow access to your data based on an individual's level of responsibility within your company.

- **Geo-fencing capability -** Virtual fencing allowing you to know when your assets are entering or leaving a specific area.
- **Predictive maintenance -** Reduce the occurrence of lost production hours and unplanned maintenance by predicting when your assets are performing below par and in need of maintenance.
- **Web and mobile access -** Access to a user-friendly dashboard via the web and through your smartphone which allows you to view all your operations in real-time and on the go.
- **Customised mobile application -** Development of custom mobile applications for both Android and iOS.
- **Integration channels -** A range of integration channels which include REST API, MQTT and JMS among others.
- **Holistic approach -** We provide you with a holistic approach where our dedicated team of IoT specialists work with you from the concept phase to the deployment of a fully-fledged solution.

Liquid Telecom, your digital transformation partner

We believe in the ambition and potential of the African business. That is why we combine our expansive reach, reliable, high-speed connectivity, state-of-the-art data centres and innovative digital solutions to augment your digital experience. Because we are not just a telecoms company. We are your digital transformation partner.

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