



Smart Utilities Management in Properties

Revolutionize your property utilities with optimised monitoring and control
















Digital Twin's Utilities Management Solutions

In today's fast-paced world, managing a property effectively is more crucial than ever in order to ensure safety, security, operational efficiency, and process optimisation. Digital Twin offers a comprehensive smart utilities management and control solution that helps transform property environments which in turn:

- ✓ Saves and reduces overall utility costs for property investors
- ✓ Streamlines, automates, and enhances operations for both property managers and retailers
- ✓ Enhances and improves overall customer experiences
- ✓ Helps to better manage, control, and maintain utilities across a portfolio of properties

Digital Twin's smart utilities management solution covers a wide variety of utilities and technologies required to manage a property effectively. Digital Twin offers a highly flexible and customised solution, allowing for the integration of either Digital Twin's in-house hardware or 3rd-party hardware. In addition, Digital Twin can either leverage off existing technologies in the field or integrate new technology to ensure all requirements are met.

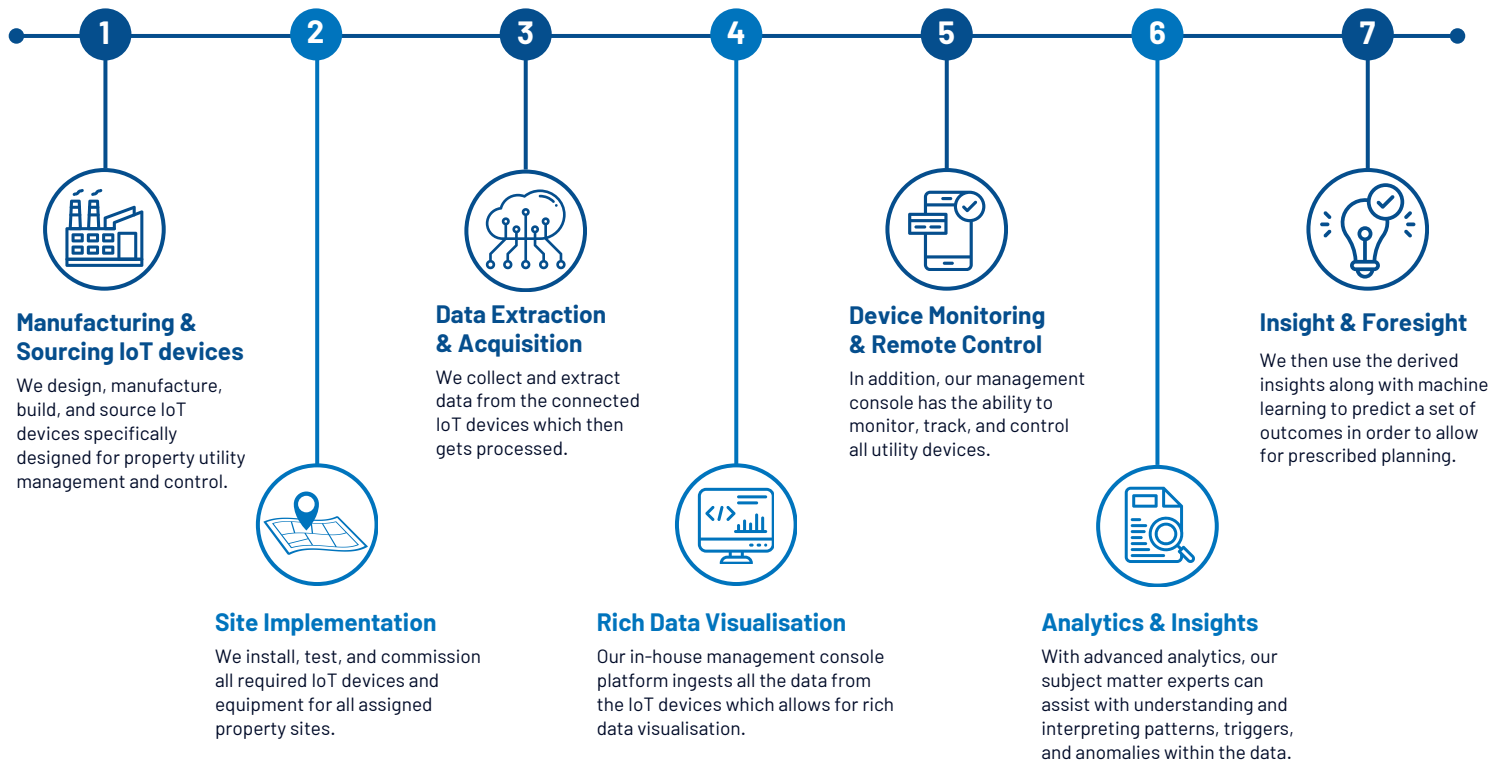
Utilities and Assets We Monitor and Control

 Electricity	 Generators	 Solar Systems	 Water
 LPG Gas	 HVAC	 Fire Detection	 Alarm Systems
 Surveillance	 Access Control	 People Counting	 Wi-Fi
 POS Systems	 Interactive Kiosks	 Asset Tracking	



Complete and Centralised Smart Utility Management Solution

Digital Twin offers a complete and centralised solution which includes manufacturing and sourcing edge devices and meters, site implementation and management, extracting real-time data, rich data visualisation, remote control, and device management, and finally consulting services, to develop actionable insights.



Key Features





Benefits

Save Costs

- ✓ Reduce utility costs through efficient property management and waste reduction.

Reduce Environmental Impact

- ✓ Lower a property's carbon footprint by optimizing the use of renewable energies and reducing unnecessary consumption.

Operational Efficiency

- ✓ Streamline business and property operations with automated controls and analytics, freeing up resources for other priorities.

Data-driven Decisions

- ✓ Empower your decision-making with comprehensive, accurate data across all property utility fronts.

Future Proofing

- ✓ Stay ahead of the curve with a centralised platform designed for scalability and the integration of emerging technologies.

Proven Case Studies

Our smart utilities management solution has proven to be highly beneficial throughout our Propco portfolio which covers the management, monitoring, and control of all assets and utilities.

Our Propco clients have the ability to monitor all utilities across thousands of property sites from one centralized platform, which provides the tools needed to make informed and proactive decisions. With our smart utility management solution:



Property owners are able to get a return on investment quicker

The automation and implementation of technology across an entire property allows for:

- Reduced operational costs.
- Reduced failure and breakage costs on a property.
- The ability to monitor and track energy/water consumption in order to adequately bill tenants.
- Increased profit / decreased loss.
- Risk mitigation.



Property managers are able to better manage, track, and control a property's facilities and tenants

Property managers are able to:

- Detect fuel theft or when generator fuel levels are low and need to be refilled.
- Identify where hotspots are located within a mall in order to allocate sufficient cleaning staff or adequately increase/decrease HVAC air systems.
- Better track and monitor required facility supplies. For example, property managers are able to adequately purchase enough cleaning supplies.
- Enhance and increase security through surveillance, CCTV, alarms, and access control systems.
- Manage energy sources, detect leaks, and reduce wastage.
- Increase tenant/customer health and safety with the detection of unsafe levels of gases and fire detection systems.



Proven Case Studies



Contractors are able to better support and maintain properties

With a smart utilities management system contractors are able to:

- Detect any breakage or anomalies on a property, which in turn allows for quicker response time. For example, water leaks can be detected instantly which allows for quicker response and maintenance/repair allocation, allowing for a significant reduction in water wastage.
- Predict and plan for required maintenance for better upkeep of a property and to reduce overall breakage costs.



Tenants are able to better operate their businesses

Tenants can better operate their businesses through the:

- Management and control of electrical usage, water usage, and HVAC systems in order to lower overall consumption costs.
- Remote ability to manage and control business assets. For example, tenants have the ability to switch their generators on and off.
- Monitoring and control of business assets. For example, tenants are able to monitor refrigeration systems to help keep food stock fresh with the ability to remotely increase/decrease fridge temperatures.
- Ability to monitor, manage, and control delivery/company vehicles and other business assets. For example, tenants can monitor vehicle usage and receive alerts on stolen vehicles.
- Facilitation of transactions with POS systems.
- Reduction of wastage on products, raw materials, water, and electricity which in turn dramatically reduces operational and wastage costs.
- Reduction of downtime with sufficient backup power systems.



Customers have better experiences when visiting properties

Customers who visit these properties have better experiences due to:

- Better upkeep of a property's facilities which ensures all facilities are functional.
- Fresh goods that are purchased don't lose quality due to insufficient storage conditions.
- Quicker and better customer support.
- Sufficient and informative customer navigation systems.
- Seamless and efficient transaction systems.
- Increased safety and security.
- More connectivity through available network / Wi-Fi systems.



Digital Twin (Pty) Ltd is proudly South African.



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