

# Digital Twin's Management Console

Helping you enhance your world

## Features and Benefits

- Real-time data visualisation.
- CoTA (Configuration over The Air) and FoTA (Firmware over The Air).
- Wide range of widgets crafted for rich data visualisation.
- Data tables, bar graphs, pie charts, line graphs, time distribution charts and many more custom data visualisation tools.
- Customisable dashboards tailored to your specific requirements.
- Remote device/site monitorisation and control.
- Automated reporting features allowing for data analysis.
- Instant alerts, notification, and alarming features.

## Digital Twin's Management Console

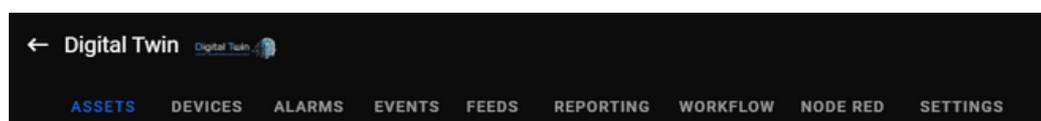
Digital Twin's management console is an executive tool providing a rich data visualisation experience as well as device management and control. Data visualisation, device management and device control are attainable through the communication and ingestion of raw data from our birds or any other system using a compliant industry standard open protocol or APIs, Webhooks, etc.



Digital Twin's management console is the perfect tool for monitoring and alerting on real-time performance metrics and alarms, as well as effectively improving efficiency through analytics and remote configuration of sites. With multi-layered visualisation and data analytical services, Digital Twin's management console offers a whole new level of data visualisation, monitorisation, and analysis.

## Overview of the Management Console system

The management console has a standard architecture by which users are able to access all data visualisation tools and features. This architecture is structured as follows:



### Assets

The assets section enable users to utilise various data points from multiple devices or sites, which can then be displayed and visualised on a single dashboard.

### Devices

Devices allow users to visualise various data points of a single device or site on a dashboard.

### Alarms

The alarms tab is a section within the management console allocated to viewing and interacting with any alarms, alerts and notifications received on devices or sites.

## Features and Benefits

- Extensive data analysis and data manipulation capabilities.
- Tenancy system allowing for more accessibility.
- Automated workflow engine.
- Embedded version of a flow-based development tool.
- Custom embedded coding functions for more advanced processing.

### Events

This section provides view and interaction capabilities with various site performance analysis events.

### Feeds

The feeds section is a real-time visualisation of a timeline of all events, alarms and alerts on devices or sites.

### Automated Reporting

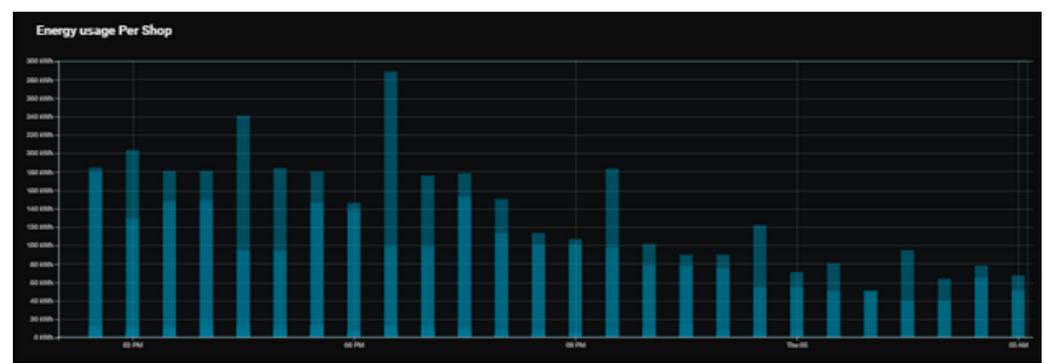
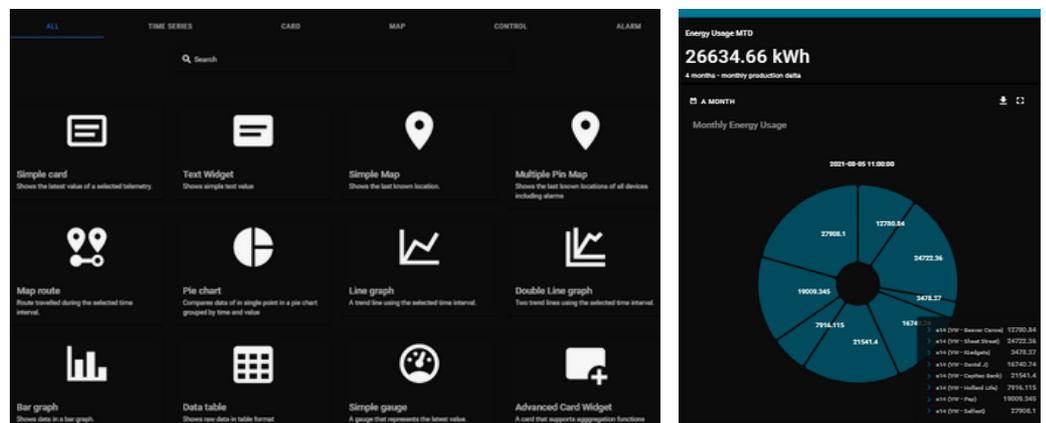
The reporting feature allows for users to create, customise, and automate reports based on various datapoints of a device or site. Additionally, all reports can be automatically emailed to multiple users.

### Workflow

The workflow automation engine is utilised to run automatic site performance analysis events which in turn generate the site performance analysis events.

### Flows

The flow section within the management console is essentially an embedded version of Node-Red which is a flow-based development tool for data visualisation.



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Digital Twin's management console provides all businesses with optimal tools needed to access, visualise, manage, control and analyse their data.