



Digital Twin's Management Console

Unlock Real-Time Insights, Automation, and Control with our Console

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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.



Key Features and Benefits



Real-time Data Visualisation



Configuration over The Air



Firmware over The Air



Wide Range of Widgets



Data Visualisation Tools



Remote Monitoring & Control



Custom Dashboards



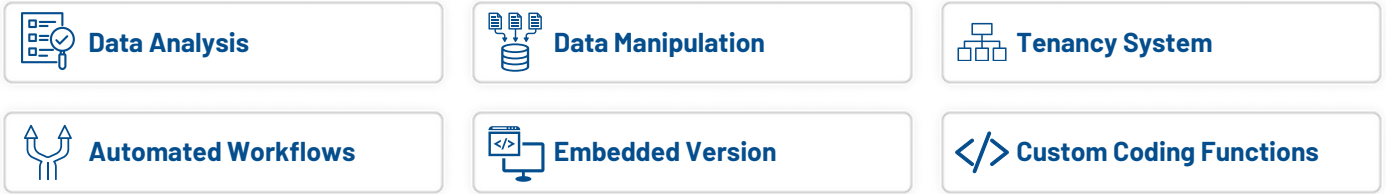
Automated Reports



Instant Alerts & Alarms



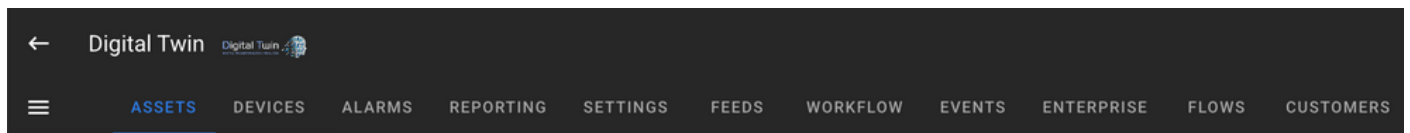
Key Features and Benefits



Overview of the Management Console

The management console is built on a robust and standardized architecture that enables users to seamlessly access, interact with, and optimize all data visualization tools and features.

Designed for scalability and efficiency, this architecture ensures smooth data ingestion, real-time analytics, and integration with industry-standard protocols. The console 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.

Events
Events provide 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.

Overview of the Management Console

Workflow



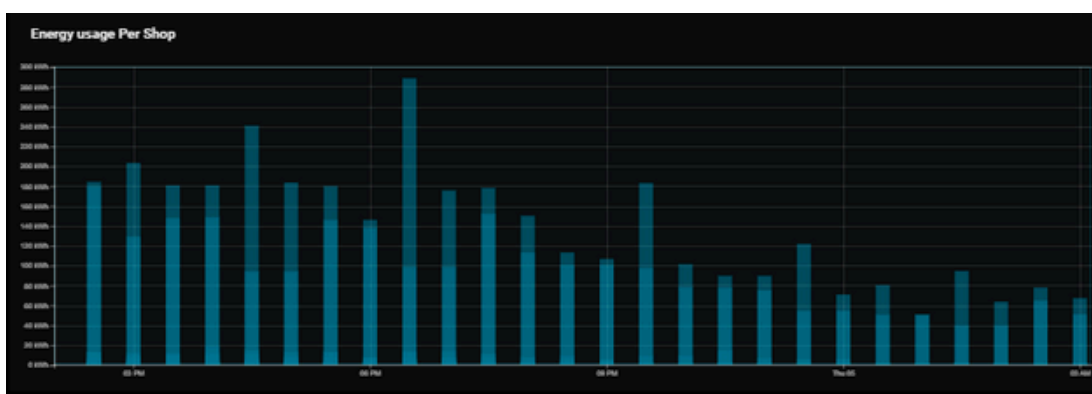
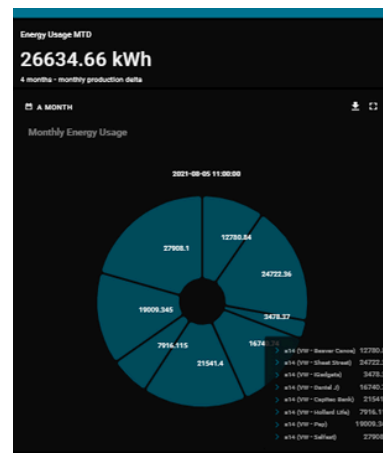
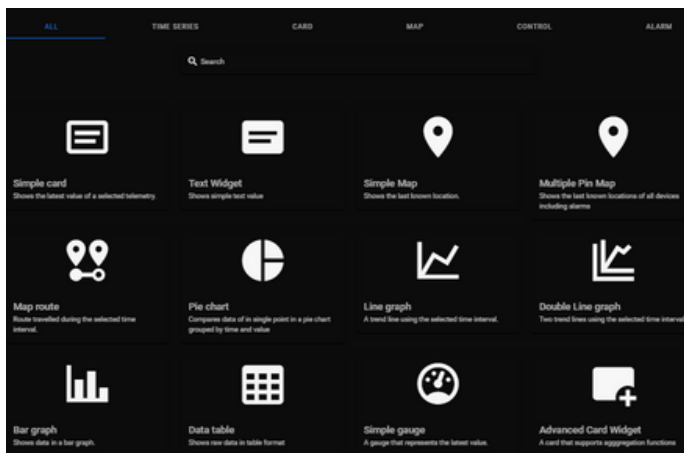
The workflow automation engine is utilised to run automatic site performance analysis events which in turn generate the site performance analysis events.

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.

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



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