

Case Study

Data Transformation via HeroPath drives decision making

BUSINESS CHALLENGE

Industry:

- ▶ Energy

Brief Company Description:

- ▶ Energy

Area of Focus:

- ▶ Advanced Data Analytics

- ▶ Our client had been equipped with numerous IoT Sensors which capture readings on a per-second basis, allowing them to identify and address potential problems before they occur
- ▶ However, the data was being retrieved and analysed by a third party, using a time consuming manual process, and delivered to the client only once daily
- ▶ This inhibited their ability to make data-driven decisions and take action quickly. To be effective, they needed a way to access accurate data, much more frequently.

KEY INITIATIVES

- ▶ A lift and shift of the client's existing on-premise architecture into the cloud, including data ingestion of a mass amount of historical sensor data
- ▶ Data transformation via our HeroPath platform, with a solution which ingests data from the sensors, transforms it, and displays it in interactive dashboards
- ▶ Data visualisation to display up-to-date statuses of IoT sensors.

RESULTS

- ▶ Near real-time analytics, received every 20 minutes (72 times more frequently)
- ▶ A more data-driven approach to decision-making - advanced data analytics that the user can engage with to find answers and make data-driven decisions on the fly
- ▶ The ability to decrease downtime and increase productivity by finding efficiencies and solving problems before they occur