Jabil Software Services
(JSS)

Embedded Systems
Web & Mobile
IoT
Cloud
Wireless Networking
Wireline Networking

Davra™

CASE STUDY

Davra IoT Ecosystem Partnership

Customer Needs

Davra provides an end-to-end, reliable, scalable, and secure Industrial IoT platform permitting the rapid definition and deployment of industrial-grade IoT systems. The Davra platform provides services including edge device management, data management, application enablement, analytics, and security/compliance. The Davra platform is created to allow customers to focus on application-specific development to deliver value in the shortest possible time. Applications contain easily configurable widgets, with services written in Node.js or Python.

Davra required integration partners to support the configuration, deployment, and support of their IIoT platform. Accordingly, Davra approached JSS and a mutually beneficial partnership was established whereby JSS has become a certified solution integrator for the Davra IIoT platform. JSS supports the ongoing configuration, deployment, and support of the Davra platform for several worldwide customers.

Scope

Davra has engaged JSS to deliver several projects leveraging their IIoT platform, including:

- *Voting Application*: A remote voting application.
- *Mining*: Movement tracking of equipment used in mines.
- *Mass Transit*: Mobile communications management for mass transit networks (trains, freight, buses).
- *Natural Language Processing*: Real-time natural language recognition for passenger timetable queries (trips, timing, stops) for a metropolitan transit authority.

JSS established close relationships with each of Davra's customers and assumed responsibility for the end-to-end configuration and deployment of the IIoT platform for each customer. JSS retains end-to-end responsibility for the ongoing maintenance of these deployments.

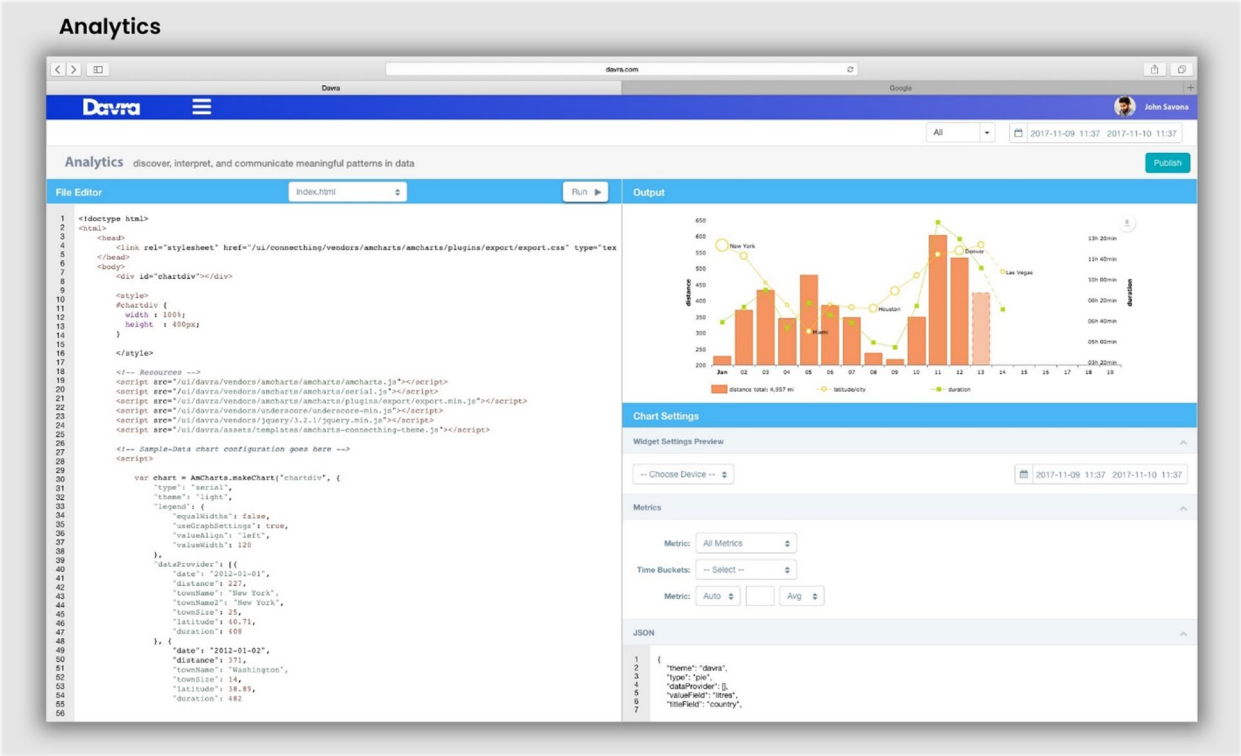
JSS leveraged several IoT developers and testers as part of each project, and leveraged programming tools including Python, Selenium/Selenoid, PostgreSQL, Node.js, JQuery, and Docker.

Deliverables

For each project, JSS provided a full suite of deliverables to the customer including the fully configured and deployed Davra platform, source code, and comprehensive documentation. JSS, Davra and each customer clearly agreed scope and schedule

expectations, and JSS leveraged a formal project management methodology to ensure the efficient delivery of each project.

A typical example of a Davra analytics display is shown below:



Strategic Value

The partnership between Davra and JSS is of mutual benefit to both companies, and to Davra's customers. JSS provides rapid and cost-effective configuration and deployment services, allowing Davra to expedite the deployment of their IIoT solution to new customers across a wide range of industries.

"JSS has proven an invaluable partner for the configuration and deployment of the Davra IIoT platform. JSS is eminently capable of efficiently deploying the Davra platform, facilitating the rapid growth of our business and high levels of customer satisfaction."

***Brian McGlynn**, Chief Operating Officer*

About Davra

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About Jabil Software Services (JSS)

Jabil Software Services (JSS) delivers a broad range of advanced software services across several industries, leveraging an experienced team of architects, software developers and quality assurance engineers. JSS specializes in the efficient development of embedded systems, web & mobile apps, IoT solutions, cloud solutions, and networking solutions (wireless/wireline).