IT Infrastructure Development for Smart Device Manufacturer

PHP

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About the Client

A startup from London, the manufacturer of smart devices was looking for a competent partner who can help them to visualize & implement the process right from production line management to final delivery of the product at the doorstep of the customer.

They eyed a rapid growth as it was one of the pioneers in the smart device market.

Challenges

- Startup CEO was having a smart device product idea and he was started its production but in terms of information technologies, his startup was not competent enough to manage the whole business digitally.

- CIO of manufacturing company reveals 'We were running out of capacity & support and needed an end-to-end solution that could scale with the business over the next five years' Finding a technology partner who can thoroughly understand their business & help in production line management, inventory management, order management, (Shipping) product delivery updates with an online portal – Website front-end, back-end, mobile apps, and business intelligence reports and dashboards was a major challenge for them.

eLuminous Solution

Deployment

To bring their vision into life, eLuminous began carrying out the entire process study & provided a prototype which could give them the end-to-end solution. We have divided it into modules for the production line, inventory management, order management, product shipment management (Shipping management). Module wise proficient teams were assigned & implemented inventory management with Stripe, introduced the latest AWS services like CloudWatch, CloudFront for smoother operations.

We have used the tools viz. Atlassian Confluence, JIRA, and Testrail for complete project management. Integration of these modules was done & provided an online portal including all the e-commerce features with a colossal range of smart products.

The cherry on the Cake

With this digital solution, our Business Intelligence Consultant has recommended an intuitive dashboard for them where they can see the real-time reports for the production line, inventory, product tracking, stock maintenance, shipping etc.

This helped them in getting 360-degree insights, so they can stay informed about the current happenings and can have a bird's eye view of the business.

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Benefits to the Client

- **Team Augmentation:**
  They have got extended hands with domain expertise who can give end-to-end I.T solution (from consulting to market the products) for their business growth.

- Increased potential for online, in-store sale, inventory management & order management.

- By partnering with us, they were able to tap into a wealth of international knowledge in more developed markets & reduced cost by 29%.

- Reduced time-to-market for newly launched smart products.

- An additional advantage was the BI solution which provides 360-degree insights by a single click.

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