



CASE STUDY

APPLICATION DEVELOPMENT SHAREPOINT SERVICES



CCS
technologies

www.ccs-technologies.com

About Client

An Integrated Business Solutions technology company based in Norway, catering to the Oil & Gas, Shipping and Energy industries. Their core product (business platform) is designed and developed in SharePoint technologies to improve business processes, quality systems, customer relationship management, QH&S and other core functions of any business serving the energy and shipping industry.

Business Need

- ▶ Meet the client's financial goals through increased productivity and efficiency and to streamline and handle large operative processes, that have grown in complexity along with the company's growth.
- ▶ An information hub that syncs with ERP and other systems to streamline information for business operations
- ▶ Achieve better data handling through increased data availability, minimized duplication of data, and better forecasts.

The Challenge

For many organizations, most data and information are unstructured. One of the biggest challenges was to provide one single platform for organizing both structured and unstructured data with high levels of security through organization's business processes.

CCS Solution

CCS being the development partner for the company was involved in the entire product development life cycle of the multilingual business system developed in on premise SharePoint and Microsoft 365 platform.

The highly customized on premise product was developed using SharePoint Server Object Model and Client Side Object Model with advanced reporting using Microsoft reporting service and Web parts. Data sync with other systems using integration service and API enabled the product to server as a single point collaboration platform. End to end process automation done through custom workflows streamlined entire operational processes. The system extends the SharePoint alert and provides seamless integration with MS Outlook through a plug-in.



DevOps driven Microsoft 365 based version of this product provide a powerful multi device collaboration platform with Modern SharePoint Online and Microsoft Teams. The product with rich user experience use Fabric UI and responsive design with SPFx (SharePoint Framework). Optimum use of technologies like Power Apps forms, Power Automate process, Adaptive cards, PNP provision etc. makes this product seamless. For optimum performance of voluminous processes, Azure Services like Azure Functions, Azure Logic Apps, and Azure Storage Queue are used.

Business Benefits

- ▶ Best in class collaboration platform for enterprises
- ▶ Automation of various business processes.
- ▶ High availability and accessible from anywhere.

Single place for information.

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