Xoriant streamlines HMEx materials classification via Dynamics 365 platform

HMEx supports architecture, construction, high-tech, and other industries in classifying and managing hazardous materials to meet international fire and building-code compliance. Its HMEx Assistant solution is endorsed by the International Code Council (ICC). The solution assists fire-code officials in validating materials hazards to help ensure firefighter and public safety. Xoriant's engineering and in-depth industry expertise helped the client transform its legacy application to a software-as-a-service (SaaS) multitenant app that includes features to automate chemical classification and inventory management in compliance with international fire and building codes.
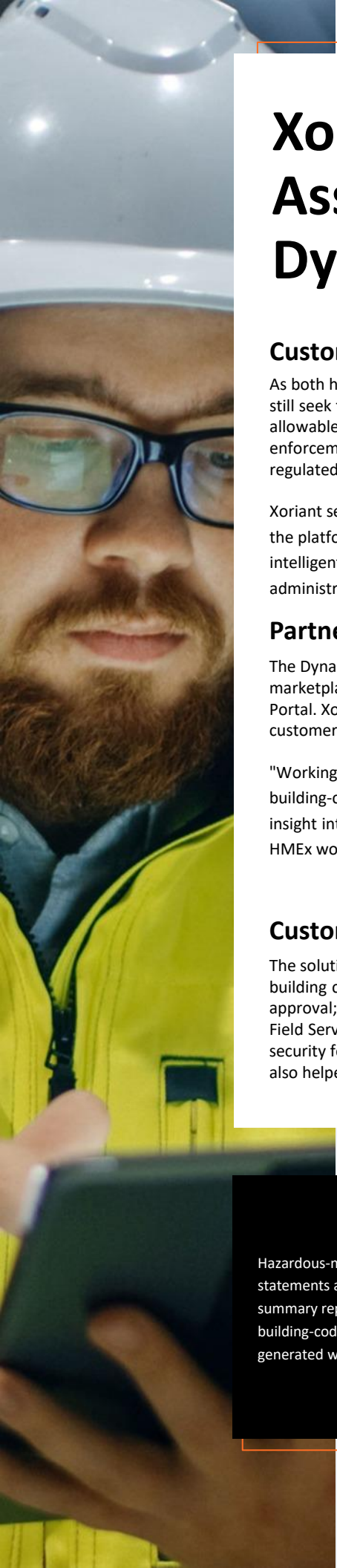
AT A GLANCE

Customer: HMEx Assistant LLC

Website: https://hmexassistant.com

Customer Size: Small (1 - 49 employees)

Country: United States

Industry: Chemicals and Agrochemicals

Products and Services: Dynamics 365 and Power Apps

Xoriant Corporation, HMEx Assistant LLC, & Microsoft Dynamics 365 and Power Apps

Customer Challenges

As both hazardous chemicals and the rules and regulations that govern their use have proliferated, HMEx customers still seek to quickly classify their hazardous chemicals, calculate, and compare inventory quantities to maximum allowable, and then generate the reports required by code officials to demonstrate compliance. In addition, code-enforcement officials often had difficulty validating the increasing volume of hazard classifications submitted by regulated businesses.

Xoriant selected Microsoft Dynamics 365 as the best approach for HMEx to address these issues globally, based on the platform's robust capabilities, flexibility, and security. Xoriant leveraged its in-depth experience providing intelligent cloud-based business applications—and its Dynamics 365 expertise—to develop a solution for HMEx administrators and customers that employs Dynamics 365 and Power Apps.

Partner Solution

The Dynamics 365 Sales module was integrated with Power Apps, and it included third-party integration with the ICC marketplace. A low/no-code, model-driven app was employed to enable management of Power Apps via the Admin Portal. Xoriant also helped create a General Data Protection Regulation (GDPR) compliance portal to protect HMEx customer data in the European Union.

"Working together, Xoriant and HMEx have successfully transformed chemical inventory management for fire and building-code compliance. I'm convinced that no matter how good our subject matter expert, without Xoriant's insight into cloud-based systems and applications, and their willingness to take on such a complex, technical project, HMEx would not be a reality today." —Lynne Kilpatrick, Principal, HMEx Assistant

Customer Benefits

The solution that Xoriant implemented for HMEx automates classification of hazardous chemicals to meet fire and building code regulations; enables rapid generation of reports required by code officials for inspection and permit approval; and easily integrates with multiple Dynamics 365 ecosystem components, including the Marketing and Field Services modules. In addition, the solution's bulk data upload feature eliminates errors, and payment data security features limit access to authorized users. Xoriant's understanding of the Microsoft commercial ecosystem also helped HMEx better utilize its licenses.

Hazardous-material inventory statements and hazard class summary reports needed for fire and building-code officials can now be generated within seconds.

Ensuring submission of complete and accurate chemical inventories can save an estimated $1,000 a day in costs of construction project delays.

The HMEx Assistant SaaS solution is strategically implemented by Xoriant on the Dynamics 365 platform, which has reduced manual calculations of chemical reporting by an estimated 98 precent, increasing efficiency and reducing costs.