



Modernizing Warehouse Workflow with Industrial Android Tablets



Challenge

The Manfredi Companies, leaders in the temperature-controlled food industry, faced significant challenges with their outdated Microsoft CE Tablets used for warehouse management. These tablets incurred high maintenance costs and lacked essential user management and control functionalities, which became increasingly burdensome as company operations expanded.

Solution

Liberty Fox Technologies (LFT) partnered with The Manfredi Companies to revolutionize their warehouse management system. They implemented cutting-edge Industrial Android Tablets integrated with Zebra scanners. This comprehensive solution involved meticulous hardware selection and the seamless integration of Zebra scanners to enhance data capture and streamline inventory management processes.

LFT leveraged MS Xamarin Forms and WebAPI for a modern rebuild, ensuring robust cross-platform functionality. Customized Android applications were developed to optimize critical tasks such as inventory tracking, order management, and real-time reporting.

Operating Leverage

The implementation resulted in a substantial reduction in maintenance costs previously associated with outdated technology. Enhanced user management and control functionalities significantly improved warehouse operations' efficiency. The advanced capabilities of Zebra scanners enhanced data accuracy and operational efficiency, facilitating smoother workflows and ensuring timely service delivery.

Technology



"We thank the entire team at Liberty Fox for helping us modernize our process by developing a fantastic android mobile application! Liberty Fox was able to go through our legacy code-base, make sense of the business logic and create a mobile application that runs faster and smoother on our new hardware! We have a few more projects planned so we look forward to working with the Liberty Fox team again!"

- Dan Migala
Software Developer & Database Administrator

