

Case Study: Enterprise Platforms/Brand Management

Upgraded Security and Verification for Product Solutions

Business Challenges

A leading provider of product security solutions faced significant challenges with their existing Track and Trace system, designed for use by their clients' admin. The system lacked the required verification settings and adequate security measures for both the business entities (users) and their associated products. As a result, the system was unable to provide reliable visual verification on success or failure and to report and redirect based on the authentication result.

What We Did

Primus successfully upgraded the client's Track and Trace system by introducing several critical features. We implemented a customized visual verification setting for their business entities and associated products. This enabled the admin user to customize the verification process and display specific failure or success messages based on authentication outcomes.

Additionally, primus integrated two-factor authentication across both web and mobile platforms, including Android and iOS, for labels and hangtags. This multi-layered security approach strengthened product verification and greatly improved user experience by providing a more secure and seamless system interaction.

Business Benefits

- **Enhanced Customer Service:** The system provides a tailored verification experience through Serial Number and Image Scan verification, improving authentication for entities and products.
- **Efficiency:** Visual Verification and settings management reduces manual intervention, speeding up processing and streamlining operations for web and mobile users.
- **Cost Savings:** Automation and two-factor authentication cut down on manual oversight and security risks, reducing operational costs and allowing resources to focus on strategic activities.

Technologies Used



.NET using Behavior-Driven Development (BDD) Testing Framework

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About Primus

Primus is a trusted technology solutions leader, dedicated to serving its partners for nearly 30 years with exceptional solutions that enhance business efficiency, increase productivity, and boost profitability. Our comprehensive suite of services includes Enterprise Data Solutions, Intelligent Automation Solutions, Cloud Engineering Solutions, and strategic resource planning, catering to various industry verticals such as Healthcare, Insurance, Telecommunications, Logistics, Food & Beverage, Media, Automotive, Real Estate, Manufacturing, Banking & Finance, and Energy.

About Primus Enterprise Platforms Practice

At Primus, our Enterprise Platforms practice is a core component of our primus service framework, delivering comprehensive solutions that integrate seamlessly across various business functions. We offer platform-driven services across our key service pillars, including Enterprise Data Warehouse Solutions, Cloud Engineering, Mobile Technologies, Intelligent Automation, and strategic resource planning—under the broader scope of our Enterprise Platforms practice area. Our expertise in deploying and integrating enterprise platforms enables organizations to streamline operations, enhance system performance, and achieve greater business agility. By offering end-to-end solutions tailored to each vertical, we empower enterprises to harness the full potential of their technology investments and drive sustainable growth in a dynamic digital landscape.

Certifications



AICPA
SOC 2 Type 2 report covering Security, Availability and Piracy



ISO 27001:2013, ISO 9001:2015



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