# Xoriant
## Success Story

# Transformative Web App Solution for Enhanced Analytical Chemistry and Lab Operations

*Empowering lab technicians with a powerful web app to streamline operations and higher greater productivity*

With chromatography at the heart of their operations, the client innovates products that are used across clinical testing, environmental safety, drug discovery and development, food safety as well as vaccine research.

## Challenges

Catering to industrial, government, and academic laboratories, the client aimed to streamline operations. They used the legacy desktop application to simplify the daily tasks of their lab tech technicians.

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| Lack of technical support and absence of a code base for their Visual Basic 6 (VB6) based platform | Navigating through a vast volume of over two million product data records during searches | An outdated interface significantly hampering the team's overall productivity |

## Collaboration

Leveraging their existing legacy desktop application as a foundation, we opted to design and implement a new web app which worked seamless with the on-premise data base.

**Implemented**
Web app using Power Apps to streamline crucial processes for meticulous preparation, separation, post-analysis procedures

**Integrated**
Barcode scanner to scan packed material as per volume, size requirements to ensure faster packaging processes

**Designed**
A Power Apps Platform no-code low-code approach to ensure accessibility and user-friendly navigation

**Ensured**
Robust security by leveraging Azure AD to deliver user verification and multi-factor authentication capabilities for access

**Built**
A seamless integration with other business software like Chromeleon and AX system

## Business Value

**Streamlined**
Material packaging process with the barcode scanner implementation

**Boosted**
Productivity by automating and streamlining interface

**Simplified**
And faster maintenance with reduced downtime bolstering overall system reliability

## Technology Stack

**Power Platform | Azure Integrations | Azure DevOps**