CYBAGE
Delivering Value, Scientifically.

Cybage enabled tech transformation and platform engineering for an automotive software company to extend unsurpassed dealership management features across 7,000+ users and 800 rooftops
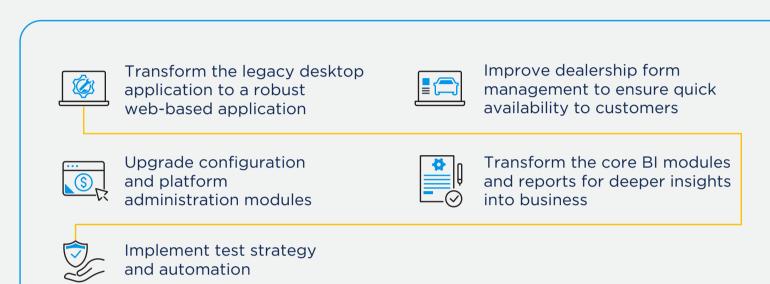
About the Client

A leading provider of end-to-end dealership management solutions for over 35 years

Provides the best in class software solutions that support critical dealership functions

Provides technology solutions for managing dealerships across RV, bus, heavy duty/class 8, marine, and power sports industries

Business Needs

- Transform the legacy desktop application to a robust web-based application
- Improve dealership form management to ensure quick availability to customers
- Upgrade configuration and platform administration modules
- Transform the core BI modules and reports for deeper insights into business
- Implement test strategy and automation

Solutions

PIE — PROCESS INTEGRATED ENGINEERING

Transformed vital sales, inventory, finance, parts, and services reports into an optimized, efficient, and user-friendly BI application

Did R&D for compatible OCR tools and performed process improvements to help a quick feature roll out for Parts and Services Accounting

Developed and configured various forms (for banking, government, insurance, etc.) to enable dealerships to quickly provide these to end customers
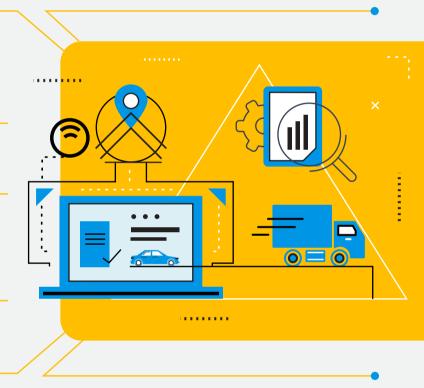
Streamlined and set up a mature Agile SCRUM based project management cycle

Developed core features such as vehicle booking, rate calculations, and business rules to transform the entire rental business module power sports industries

Added enhancements to modernize the user experience

Implemented unified multi-layer test automation framework by exploring automation tools

Developed key features across CRM, unit inventory, and accounting modules to ensure seamless application of business logic

Business Impact

- **100% growth in output** through increased pace of forms delivery to dealerships
- **200+ dealerships** catered using a **lift and shift** migration to **Azure Cloud**
- Successful **migration of key rental module** features and **BI module reports**
- **35% reduction** in **R&D costs**
- **Increased team transparency** and **accountability** due to effective integration of smoke testing and BVT automation to CI pipeline
- **Boosted customer confidence** for an **early go-to-market** because of improved quality of deliverables

Technology Stack

CSS3 | HTML5 | DevExpress | ASP.NET MVC | VB.NET | Angular — **Development Tools and Technologies**

C1 | Adobe PDF | INFRAGISTICS | Telerik | Azure DevOps

Se (Selenium) | APACHE JMeter | BlazeMeter | MSTest | sonarqube — **Testing**

Cybage Hi-Tech

- Automotive Retail
- Customer Experience & Market Research
- Digital Security
- Enterprise Workflow Solutions & Rules Engine
- Software Tools & Platforms
- Social & Collaboration Platforms
- Human Resource Management Systems

Engineering Strategic and Next-Gen Automotive Retail Solutions

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