



REDHAWK
TECHNOLOGIES

Values, Purpose and Case Studies

All you need to know about us to ADVANCE WITH CONFIDENCE.



**Empathy
Integrity
Creativity
Transparency
Collaboration**

Our core values.

WORDS TO LIVE BY

From the design and implementation of our unique business model, through the delivery of our services and the types of people we hire, everything we do is measured against our core values.

We know we can count on each other.

You know you can count on us.

Our purpose

SERVE THE MID MARKET

Mid market companies and nonprofits struggle with innovation. They can't leverage the same staff-augmentation models that enterprise companies do and they rarely have the resources required to support and maintain what's delivered. Still, they must invest to remain relevant.

We're committed to your success!

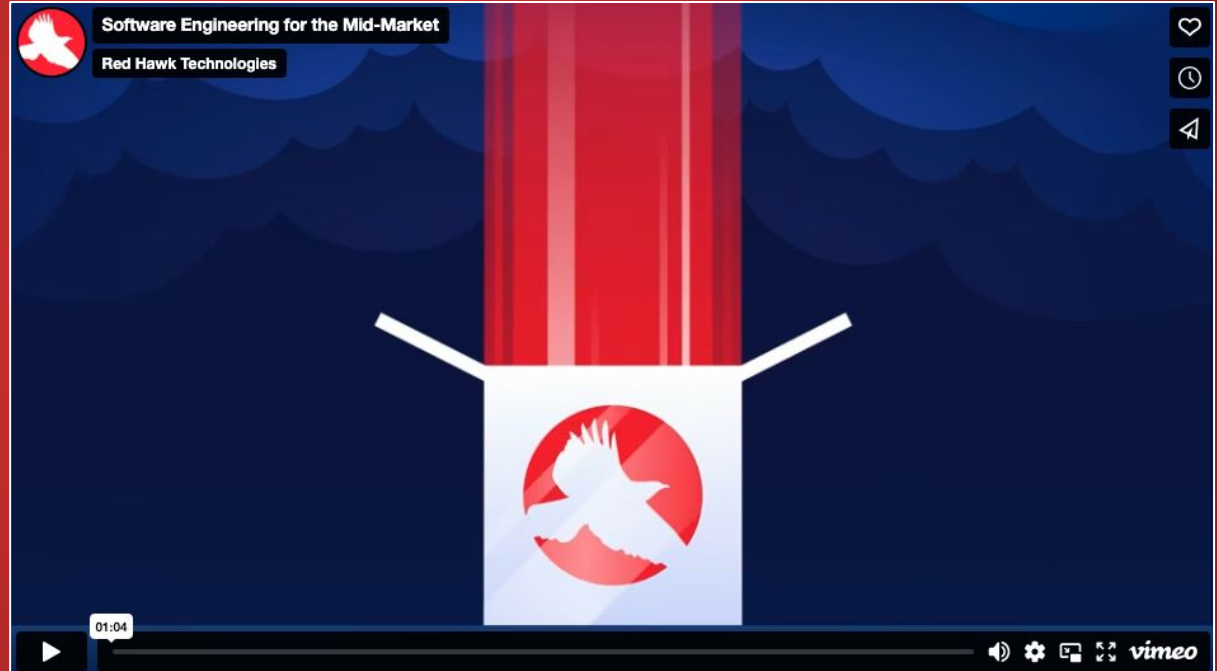


THERE IS A BETTER WAY.

Learn more in 60 Seconds.

Mid market businesses like yours rely on developers for custom software and applications, but you also need predictable costs, products that function and delight, and long-term support and enhancement. That's why we offer services through our award winning **Software-Development-as-a-Service** business model.

Watch our brief video to learn more.



CREATE AND PROTECT

Red Hawk provides services through a fractional team of experts. We allocate the appropriate resources at the appropriate times and become SMEs for our Client's custom software solutions.

CREATE CUSTOMER VALUE

We focus on value creation for our Clients and never charge for downtime.

PREVENT KEY PERSON RISKS

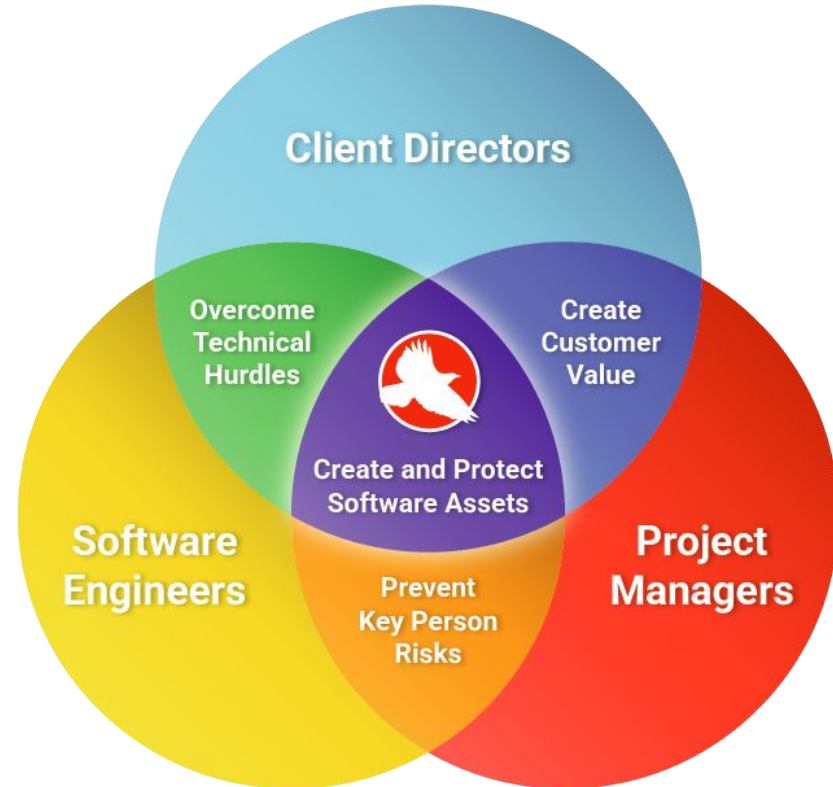
Our proprietary operating system drives collaboration and prevents key person risks.

OVERCOME TECHNICAL HURDLES

Our Principals have over 25 years of experience and our Sr. Engineers average 14 years of experience. We overcome complex hurdles.

We are the

DREAM TEAM



WE EXIST TO SERVE YOU

**“It’s no longer the big beating the small,
but the fast beating the slow.”**

**— Eric Pearson, CIO
International Hotel Group (IHG)**



IT'S AWARD WINNING

**Development as a
Managed Service**

Our award winning business model is designed specifically for the mid market.

Bundling services and distributing cost evenly over 36 months provides the financial and operational stability you need to invest in game-changing technology and to continue to operate custom software you've invested in previously.

We'll help you maximize the value of your digital assets while controlling costs.



We are...

AWARD WINNING

Don't just take our word for it. [Check out Red Hawk Technologies on Clutch](#) and read verified customer reviews.



UX Design	Backend	Low Code	API Technologies	CRM
• MIRO • Adobe	• .NET Framework • .NET Standard • .NET Core • PHP • MSSQL Server • MySQL • Firebase • Node.js • Python • Perl • Ruby	• Caspio • Cognito Forms • Power Automate • PowerApps • TeamCentral	• GraphQL • REST • SOAP • WebSocket	• Dynamics CRM • HubSpot • Salesforce
Mobile Platforms				ERP
• Android • iOS				• Dynamics AX
Frontend		RPA's	BI Platforms	• Epicor • SAP
• Angular • Blazor • Flutter • NativeScript • React • Typescript • Vue.js • HTML • CSS • JavaScript • JQuery		• OpenRPA	• Google Looker Studio • Microsoft Power BI	
	CI/CD	Test Automation	Messaging Services	HCM
	• ADO Pipelines • Github Actions • YAML	• Puppeteer • Playwright • Selenium	• Firebase • RabbitMQ • Supabase • SendGrid • Twilio/MessageBird	• Paycor • ADP • UKG
		Cloud Infrastructure		Software Comp Analysis
		• Azure • AWS • Google • Containerization		• CAST Highlight • Red Hawk ASPM
			Payment Processors	
			• Bill.com • Payrix • Stripe	

SCALABLE OPERATIONS - PoC

Flexible Office Space Brokerage Firm

Problem: Operations are trapped in manual workflows (CRM, Google Search, Excel, Email). Analysts are maxed at 1–2 concurrent projects.



BEHAVIOR AND SCALE

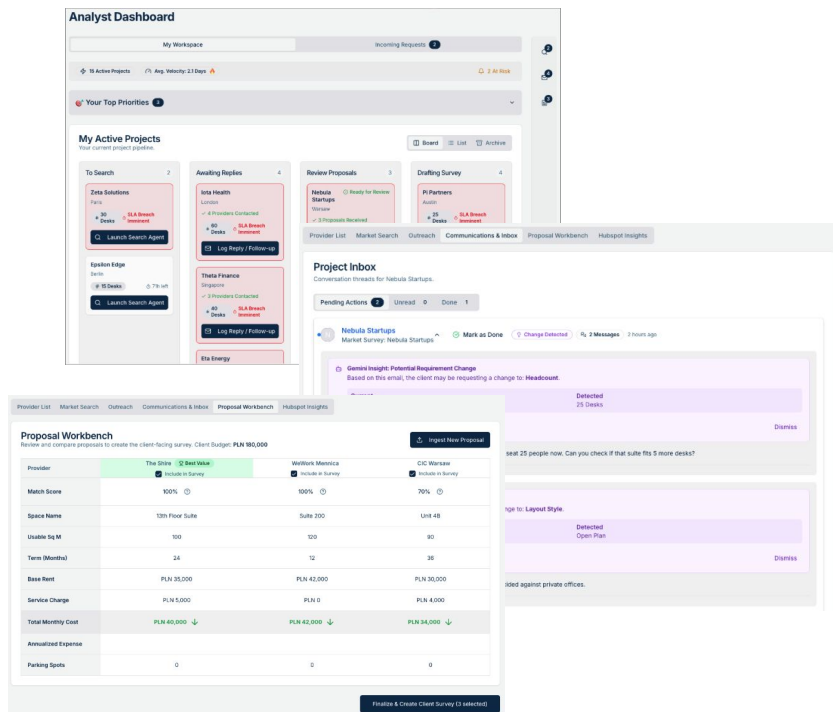
THE GOAL

[DISCOVER MORE →](#)

The primary goal of the project was to execute a digital transformation for a boutique brokerage firm by fundamentally changing analyst behavior, moving them from being "data janitors" spending 80% of their time on administrative tasks to becoming "Strategic Partners." This was achieved by delivering an AI-first, clickable prototype—a behavioral blueprint—that would enforce guardrails and active prioritization, proving the firm could realistically scale its project capacity by 3x (from 1–2 to 6+ concurrent projects) and thereby de-risking the eventual technology investment by validating the new operating model before writing any code.

SCALABLE OPERATIONS

KEY RESULTS



How a Clickable Prototype Turned Analysts into Strategic Partners

Why behavior—not features—should drive your digital transformation.

The key results and outcomes of the project were:

- ✓ **3x Productivity Scale:** The clickable prototype proved the team could realistically scale their capacity from **2 to 6+ concurrent projects**, validating a 3x increase in productivity without adding headcount.
- ✓ **Behavioral Shift:** Analysts were freed from administrative tasks (the "Admin Trap") and transitioned from "Task-Takers" to "Strategic Partners," focusing on high-value work like negotiation and client service.
- ✓ **Investment De-Risked:** The firm's CEO was able to experience the future

AI Chatbot PoC

Independent Producer of Specialty Hydrocarbon Products in North America

Problem: Critical product, safety, and regulatory knowledge at Calumet was scattered across emails, documents, and institutional memory, resulting in slow, inconsistent customer service responses and a heavy dependency on senior staff.



SECURE AI

THE GOAL

[DISCOVER MORE →](#)

The primary goal of this AI Chatbot Proof of Concept was to move beyond theoretical demos and earn leadership's confidence that an internal AI chatbot could responsibly and securely use proprietary company data to support the Customer Service Representative (CSR) team. The project was specifically scoped to prove a measurable reduction in the time spent answering complex, compliance-driven questions, ensure all generated answers were grounded, traceable, and secure, and establish a foundation with clear Key Performance Indicators (KPIs) to support a strategic decision on future scaling and adoption.

KEY RESULTS



An Internal, Secure Azure AI Chatbot Proof of Concept

Red Hawk implemented a **Retrieval-Augmented Generation (RAG)** architecture that allowed the customer to safely “chat with its data”—and nothing else. The proof of concept:

- ✓ Ingests real enterprise data
- ✓ Indexed for relevance and precision
- ✓ Generate grounded answers only
- ✓ Simple and practical user experience
- ✓ Secure by design

This didn't start as a production rollout. It was a **controlled enterprise AI proof of concept**, intentionally scoped to validate value, security, and accuracy before scaling.

ESTIMATING APP - PoC

Commercial Construction

Problem: Outdated legacy Microsoft Access application used to manage complex project bids.



ESTIMATING MODERNIZATION

THE GOAL

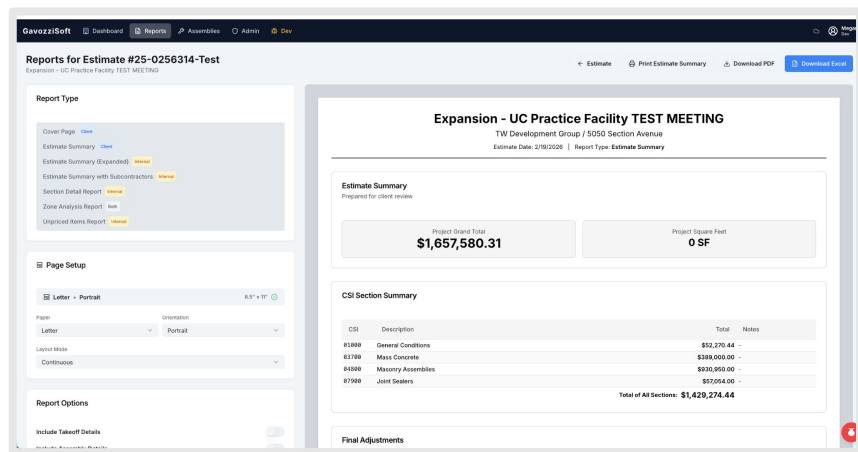
A commercial construction organization was operating with a legacy Microsoft Access estimating system to manage complex project bids.

The objective was clear, replace the Access-based estimating with a cloud-based construction estimating platform built for scalability, workflow automation, and long-term growth.

But before investing in full development, leadership required validation.

ESTIMATING APP

KEY RESULTS



Building a Custom Construction Estimating Web Application Prototype

It was a high-fidelity clickable prototype simulating a fully functional construction estimating web application.

Stakeholders could:

- ✓ Create estimates
- ✓ Navigate zone-based cost structures
- ✓ Test subcontractor override workflows
- ✓ Generate reports
- ✓ Validate data organization
- ✓ Identify refinement opportunities

The prototype provided a real-world simulation of the future cloud-based construction estimating tool.

FULL REIN

Providing ongoing software development, support and maintenance services for their Medical Professional Marketplace SaaS Application

HRMS Integrations, iOS, Android and Web Applications requiring frontend and backend development utilizing Azure, PostgresQL, Node.js, and Ionic Angular



OPTIMIZING the DELIVERY of CARE

THE GOAL

Full Rein's mission is to optimize the delivery of care within the medical industry through affordable technology solutions. The goal for the Full Rein SaaS Application Red Hawk is continuing to develop, support and maintain, is to circumvent the need for staffing agencies, significantly reduce costs for medical facilities, and streamline workflows to create operational efficiency.

KEY RESULTS



Software Designed for Medical Professionals and Facilities

Full Rein is a Software As A Service (SAAS) platform that circumvents the need for staffing agencies by giving Medical facilities and professionals the autonomy to control employment needs with software that fits the technology of the 21st century.

MEDICAL FACILITY APPLICATION

- ✓ The Medical Facility application is an advanced, easy-to-use medical professional hiring and payroll solution. Features include; credentialing, searching, scheduling, recruitment & retention, payment processing, rating system and messaging.

MEDICAL PROFESSIONAL APPLICATION

- ✓ The Medical Professional application offers a total solution for job searching by city and specialty, fast credentialing and onboarding, scheduling, and tracking pay.
- ✓ Medical professionals earn residual income by referring other professionals, which continues to drive qualified candidates to the Full Rein marketplace.

OVATION HEALTHCARE

Red Hawk Developed a Client Portal, Enhanced Reporting Capabilities & Visibility with Embedded Power BI

ASP .NET MVC Web Application | Microsoft.Net 8 SDK | Power BI



VISIBILITY and MODERNIZATION

THE GOAL

Ovation Healthcare is the premier provider of shared services to independent hospitals, health systems, and their leadership across the nation. Red Hawk developed a Cloud-based reporting portal featuring asynchronous web UI navigation with compartmentalized role-based access for end users. Healthcare leaders have greater insights to their operations so they can focus on patient care.

KEY RESULTS



The Ovation OI Client Portal offers Power BI managed reports accessible by specific user and role.

The Client Portal enables staff to easily register new users through Microsoft Entra and give them a managed role-based view of their reports.

- ✓ The slide-out sidebar menu gives users quick & easily navigable access to their reports and individual pages within them.
- ✓ A hidden Admin area of the site is accessible to users with appropriate rights to be able to manage report access to users based on roles and Power BI workspaces.
- ✓ All navigation within the embedded report is driven by the user through the sidebar menu and a custom breadcrumb component asynchronously.

"Our customer engagement has increased by over 70%. We've gained the ability to roll out new solutions quickly without needing additional developers, which has been great for cost savings and time. We're 80% more productive."

Bill Uran, VP of Enterprise Solutions
Ovation Healthcare

EAGLE LOAN COMPANY

Enhance, Support and Maintain Loan Application Software

Custom Software Solution for Consumer Loan Applications

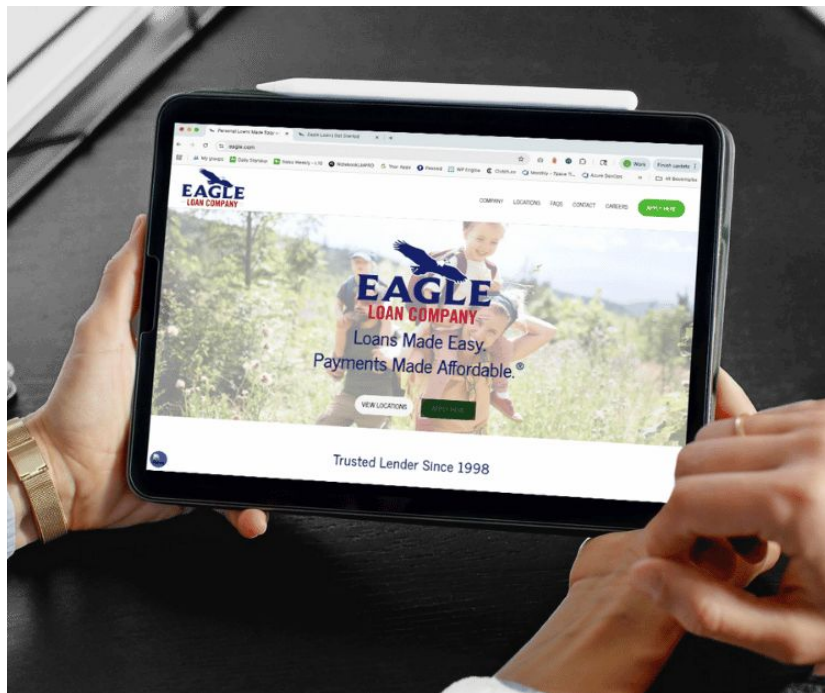


IMPROVE QUALITY AND SECURITY

THE GOAL

Eagle Loan Company (aka Eagle Financial Services, Inc.), had a poor vendor experience and needed a new software engineering partner capable of providing development and technical support services to improve the quality and security of their consumer loan application software.

KEY RESULTS



Significant improvement among administrative users and leadership.

Red Hawk completed an audit of the custom application, migrated services away from the underperforming vendor, created a backlog and roadmap for improving security, analytics, and the consumer experience. **Red Hawk's average response time for support requests has been less than 5 minutes.**

- ✓ **Product Roadmap:** Client has a well defined product roadmap and is prioritizing work that generates enterprise value.
- ✓ **Tech Support Services:** User confidence has increased dramatically as issues have been addressed.
- ✓ **Improved UX:** Now that the application is stable, Red Hawk is developing a new front-end to significantly improve the consumer experience.

We reached out to Red Hawk Technologies due to an immediate need to transfer support of our 'online consumer loan application' solution. Within a few short months, our assigned Red Hawk Project Manager and Engineers were able to obtain the database and code and began providing support, along with bug fixes and improvements.

The additional aspect that Red Hawk brings to the table is creativity and design. We are working with them to deliver a complete overhaul of our 'online consumer loan application' solution. The focus is to 1) improve the customer experience and 2) better serve our finance branches and furniture stores by providing timely and more complete customer information.

Red Hawk has been very responsive from a client servicing standpoint. No matter what the complexity of the issue, they promptly devote the proper attention to finding a resolution. Red Hawk is truly our partner. We have built a strong relationship and appreciate their care and pride in supporting Eagle.

Maria Reynolds

CHIEF TECHNOLOGY AND INNOVATION OFFICER

SHEPHERD COLOR COMPANY

Increase Sales by Demonstrating Product Quality

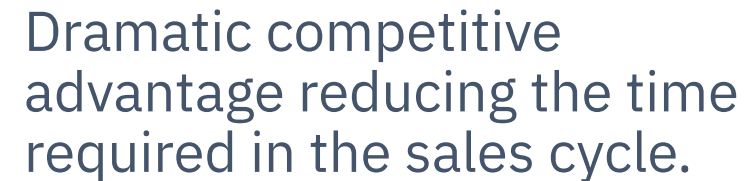
Custom iPad application to visualize product attributes in three dimensional space



FOCUS ON QUALITY

THE GOAL

Shepherd Color Company manufactures inorganic pigments, producing the highest quality products in the market. The best way to represent the value of their pigments is to demonstrate its reflective quality and compare their products to their competitors. This requires an interactive 3D user experience.



- ✔ **Product Comparison:** Visualize products based on application types, hues, reflective quality and compare to competitors.
- ✔ **Sample Request:** Integrations with back-office workflows automates fulfillment processes when samples are requested.
- ✔ **CRM Integration:** Integration with Dynamics CRM automates lead capture and updates records when prospects request technical data sheets and pigment samples.

“Red Hawk excels at quickly understanding the business needs from the client's perspective. Their solutions are stable, architecturally well designed and built for long term value. You can trust them to act in your best interest. They've been a great Partner for Shepherd Color for over a decade.

I've been in IT management for close to 30 years and Red Hawk is by far the best software development company I've dealt with. They truly operate with the client's long term interests in mind, even when not financially advantageous to them. I also appreciate that they take an architectural approach to develop very robust and creatively designed solutions. Their engagement process is far superior to what I am used to as they take great care to first understand their client's business before designing the solution.”

Rich Lindner

Business Solution Manager | Shepherd Color

ADVANCEPIERRE FOODS



Streamline Sales with Workflow Automation

Web Application for Sales Automation



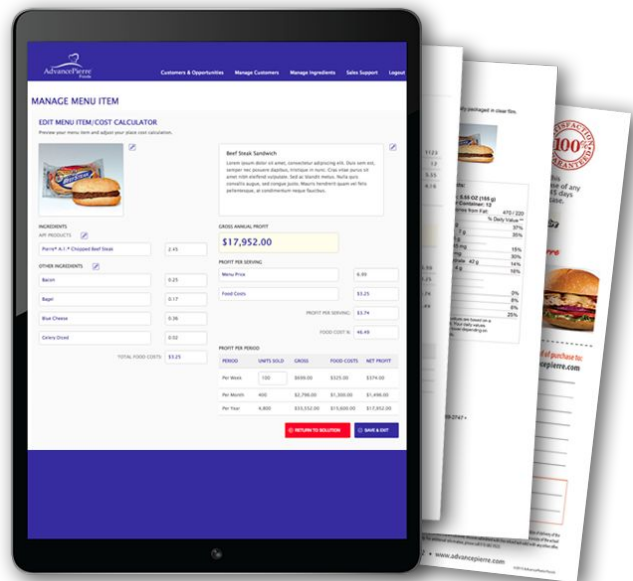
STREAMLINE SALES WITH AUTOMATION

THE GOAL

DISCOVER MORE →

Red Hawk produced a web application that allows sales representatives to generate menu items for prospective buyers. The application calculates the prospect's gross annual profit based on their weekly sales of menu items. All of the details are captured in a PDF that is shared with the prospect, making it extremely easy for them to add the product to their menu.

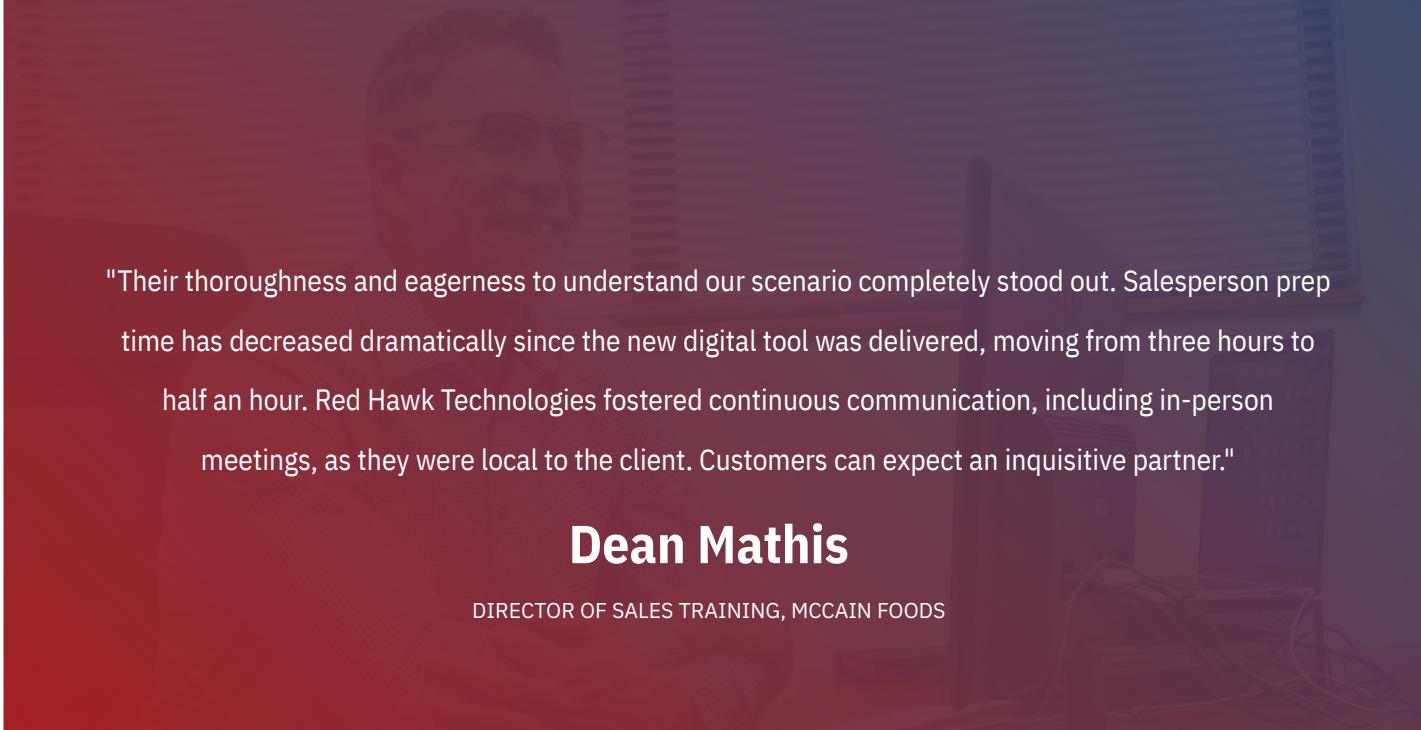
KEY RESULTS



20% increase in sales within the first 90 days.

The new web application revolutionized sales at AdvancePierre Foods by leading with value rather than product.

- ✓ The application creates a seamless sales workflow. The ease of use has translated into significant results and a 20% increase in sales.
- ✓ The application is integrated with the product database (ERP), sales system (CRM) and a digital asset management system (DAM) for product photography.



"Their thoroughness and eagerness to understand our scenario completely stood out. Salesperson prep time has decreased dramatically since the new digital tool was delivered, moving from three hours to half an hour. Red Hawk Technologies fostered continuous communication, including in-person meetings, as they were local to the client. Customers can expect an inquisitive partner."

Dean Mathis

DIRECTOR OF SALES TRAINING, MCCAIN FOODS

CHAMPION WINDOW



Improves CX and Increases Conversion Rate

Custom Software Application



SIMPLIFY AND PERFORM

THE GOAL

DISCOVER MORE →

To reduce load times and increase conversion rates. Champion Window had two systems responsible for managing appointment availability data. Red Hawk helped them roll out a change management initiative to reduce their dependency on one system.

KEY RESULTS

15x faster load times and increased conversion rates.

The new appointment app and caching solution has had a positive impact on Champion Window consumers.

- ✓ Screen load times were reduced from an average of 15 seconds to a sub-second response time.
- ✓ There has been a significant reduction in the number of consumers exiting the sales process during the scheduling process.

“Red Hawk's ability to consistently deliver enhancements that directly impact our customer experience and operational speed has been invaluable. Their work on our booking tool has allowed us to try new things and refine our process for better outcomes. We view them as a critical partner in our ongoing growth strategy.”

Sean Grace
Digital Marketing Manager | Champion

OHIO STATE UNIVERSITY

New Approach to University Promotion

Web Application



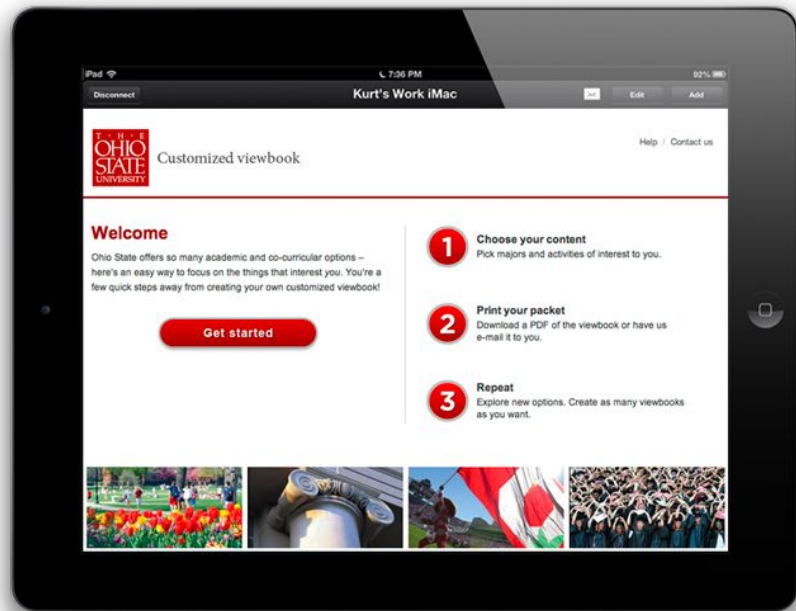
PERSONALIZED CONTENT MANAGEMENT

THE GOAL

DISCOVER MORE →

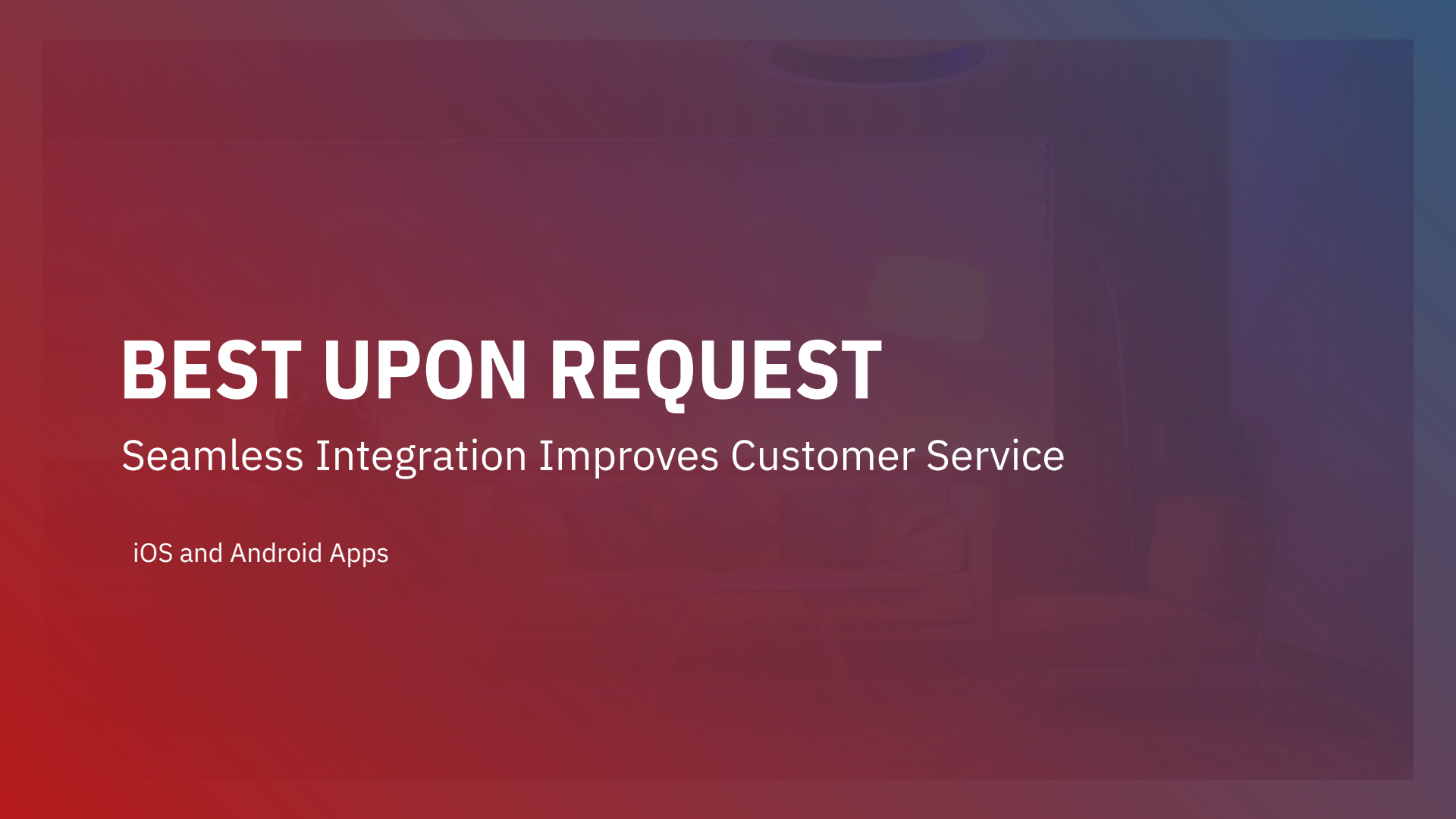
To provide personalized viewbooks for prospective students. Red Hawk developed a web application that allows prospective students to select areas of interest and generate a downloadable PDF to share with influencers. Content is curated automatically based on their interests and combined into a branded PDF.

KEY RESULTS



Eliminating traditional printing and mailing of viewbooks saves costs and yields a 42 percent conversion rate.

In three simple steps, prospective students of The Ohio State University can easily generate a viewbook specific to their interests, download a PDF or request that the PDF be sent to them via email. Simple, elegant and easy-to-use, this application is now being closely tracked by OSU to measure ROI.



BEST UPON REQUEST

Seamless Integration Improves Customer Service

iOS and Android Apps



ELEVATING THE CUSTOMER EXPERIENCE

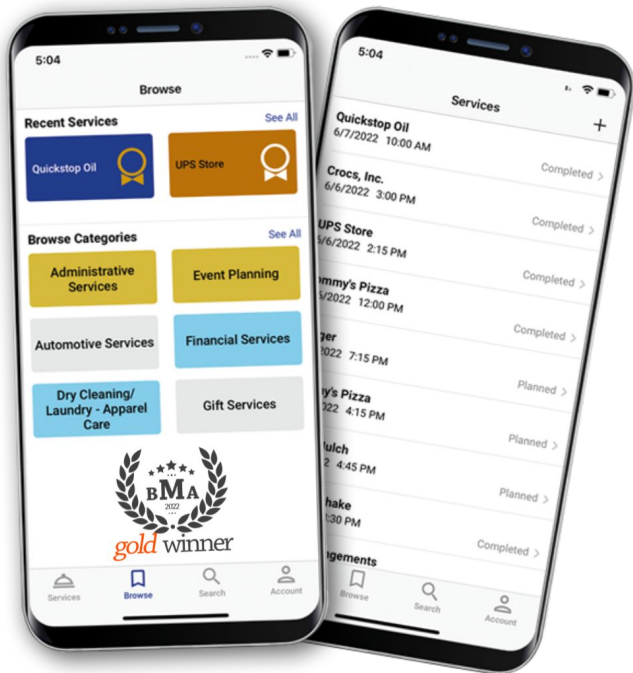
THE GOAL

DISCOVER MORE →

To easily and efficiently connect the BEST customers to concierge services and create significant efficiency gains for internal staff. Working together, we developed a plan to seamlessly integrate mobile phones with their best-in-class customer service.

BEST UPON REQUEST

KEY RESULTS



Customers request concierge services. BEST concierges fulfill customer requests.

The Android and iOS mobile applications developed for Best Upon Request significantly improves their customers' experiences and reduce manual processes for employees.

The Concierge-facing app has reduced the time internal team members spend on administrative tasks by 50%.



Improved Customer Communication: Customers can

communicate and track requests on the go, plus view service history and access vendor options.



Expanded Reach: The new app enables BEST to expand their customer reach and enhance their capabilities.

“Red Hawk Technologies is extremely responsive to our needs, and they work fast in terms of development.”

Bill Mills

CEO | Best Upon Request



Mobile Apps Expand Market Share

Consumer App



INTEGRATION AND SECURITY

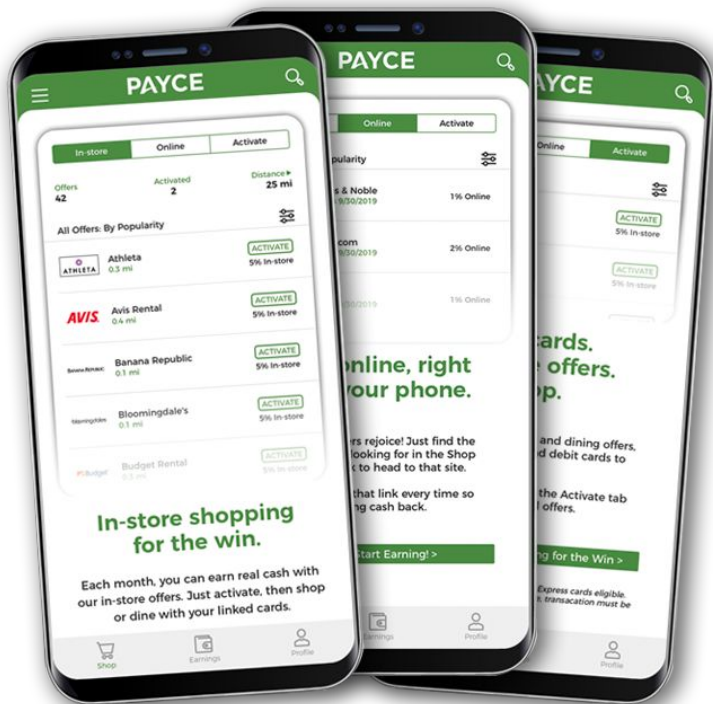
THE GOAL

DISCOVER MORE →

In order to grow their market share, Payce Pays contracted Red Hawk to develop an iOS and Android application that provides Integration with Payce Pays APIs. They also require the addition of new features specific to mobile applications, including user authentication using Apple, Google and Facebook.

PAYCE

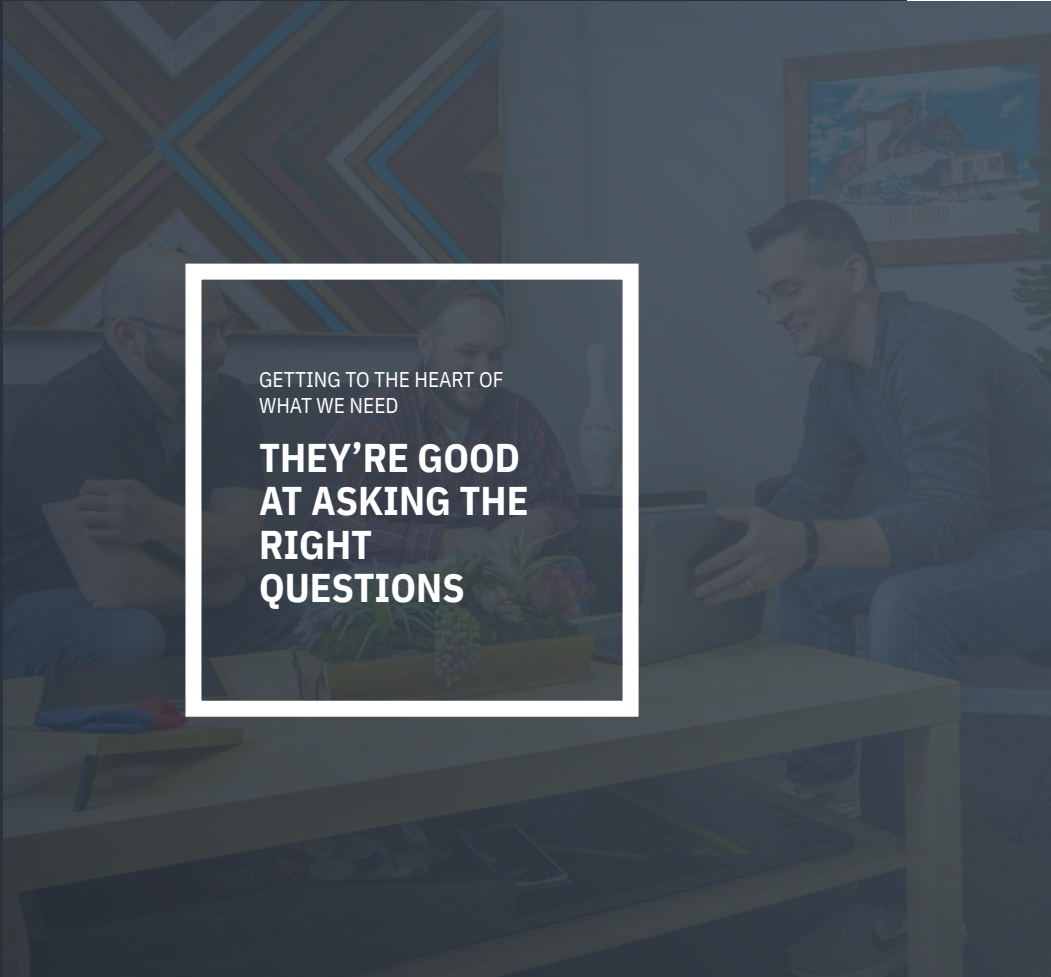
KEY RESULTS



A significant increase in new subscriptions.

The new and improved Payce consumer app has a positive impact and attracts a new audience.

- ✓ The Payce consumer app helps consumers earn cash back on purchases and find deals.
- ✓ The app is more appealing to a younger demographic that prefers mobile applications over websites.



GETTING TO THE HEART OF
WHAT WE NEED

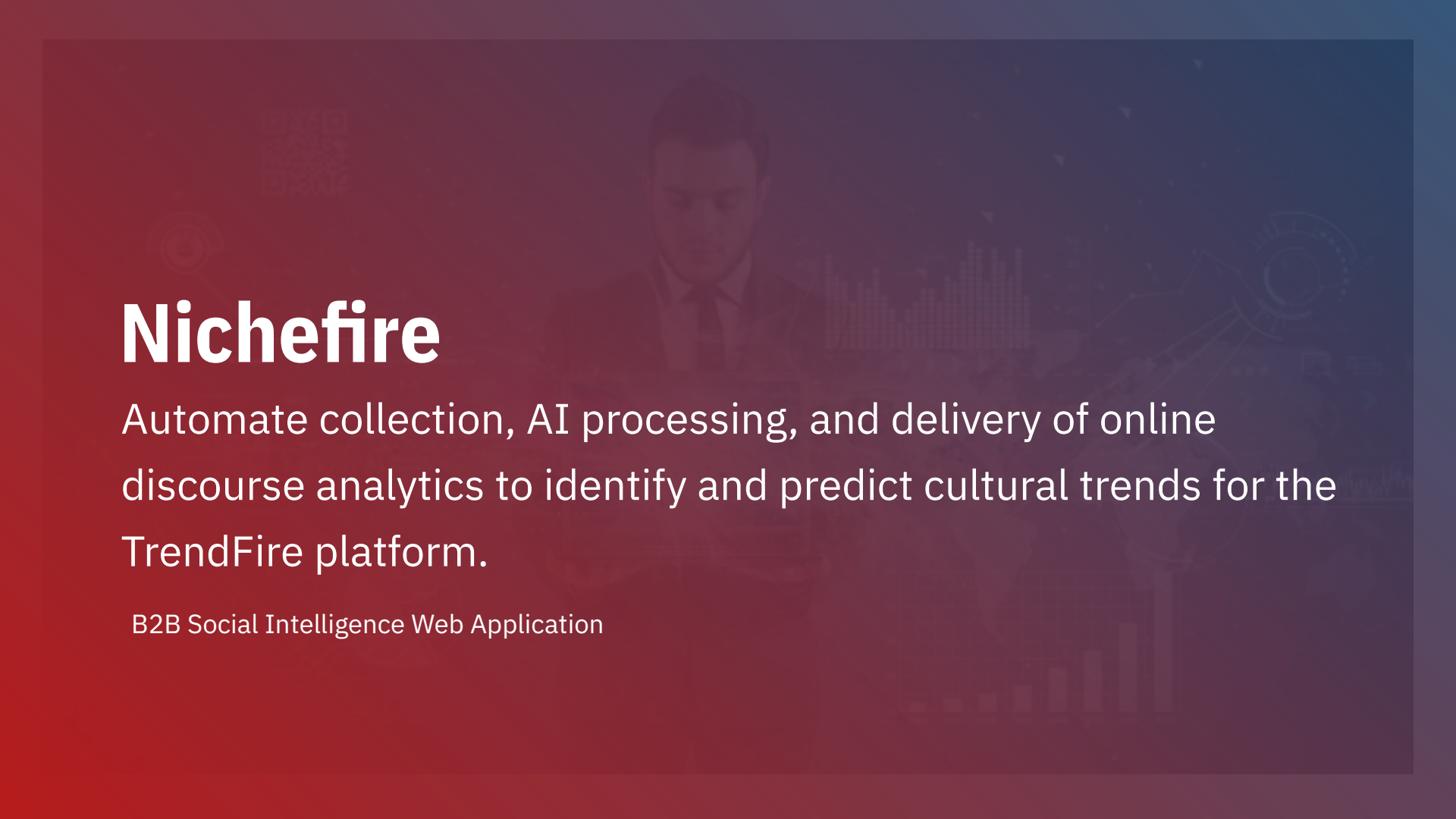
**THEY'RE GOOD
AT ASKING THE
RIGHT
QUESTIONS**



"Red Hawk Technologies' work has allowed us to send messages to over 20,000 users. The team's deep understanding of our needs and their UI knowledge strengthens the ongoing partnership. Their helpfulness, dedication, and flexibility are hallmarks of their work.

Nick Ziegler

DIRECTOR OF MARKETING STRATEGY, PAYCE



Nichefire

Automate collection, AI processing, and delivery of online discourse analytics to identify and predict cultural trends for the TrendFire platform.

B2B Social Intelligence Web Application



AUTOMATION and COST REDUCTION

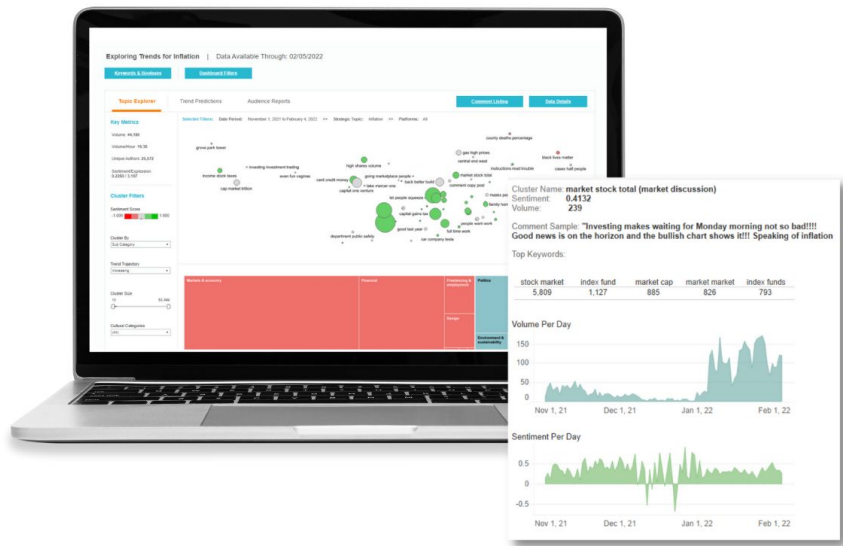
THE GOAL

New Job Architecture Automates Collection, AI Processing, and Delivery of Online Discourse Analytics to Identify and Predict Cultural Trends for the TrendFire Platform

KEY RESULTS

TrendFire™

Get Faster Insights with Smarter Trend Analysis.



Automate Analytics, Increase Flexibility and Reduce Costs

A robust job architecture was designed and implemented to gather, process, and analyze social media data for the TrendFire platform. This architecture is fault-tolerant, scalable, and cost-effective, enabling the automated identification and prediction of cultural trends.

- ✓ **Analytics collection, processing, and delivery to customers is fully automated.**
- ✓ **Social data collection from additional sources is now possible.**
- ✓ **Nichefire no longer pays for idle resources in Google Cloud.**

BRIDGE PAYMENT

Enhanced Android payment application with QR Code scanning functionality for accurate data entry

.NET Framework Web Application / Native Android Application



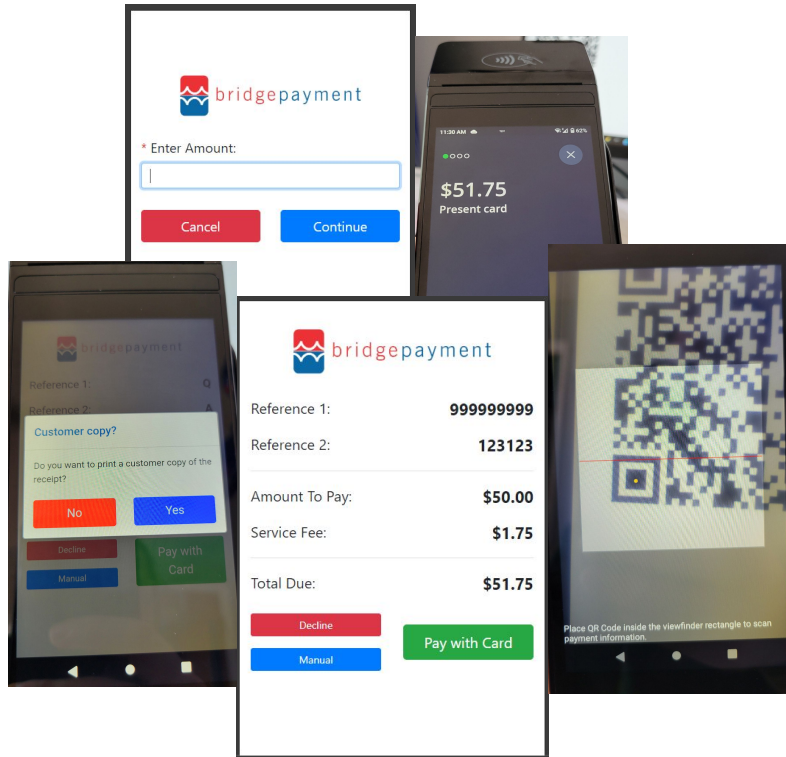
VISIBILITY and MODERNIZATION

THE GOAL

[DISCOVER MORE →](#)

Bridge Payment is a company that specializes in credit card processing for government agencies. Red Hawk built an Android harness application for payment terminals, which connects to a .NET Framework web application and allows users to pay with their credit card. Red Hawk updated this application to include QR Code scanning functionality to read the data that is necessary for the transaction, which eliminates the possibility of data entry errors by users and ensures accurate payments.

KEY RESULTS



Accurate payment processing with an easy user experience.

The payment app with QR Code processing allows merchants to receive payments easily and accurately, eliminating the possibility of errors caused during manual data entry by removing the need for customers to enter information.

- ✓ The payment app allows for many different payment flows. Customers can enter the transaction data manually or scan a QR Code containing the data to skip to the payment page. Customers can complete the payment on the terminal by swiping/tapping/inserting their Credit Card, using Apple Pay / Samsung Pay / Google Wallet / etc., or manually entering their CC information.
- ✓ QR Code scanning speeds up the payment process significantly and removes the user data entry process, eliminating the possibility of data entry errors.
- ✓ A secure admin portal allows Bridge Payment to configure the payment app and determine if QR Code scanning should be allowed per-terminal, as well as what format to expect the QR Code data to be.

ELCA OUTREACH CENTER

Replaced Access Application, Improved UX and Reporting

Microsoft Canvas PowerApp Development



REPLACE THE LEGACY ACCESS APPLICATION

THE GOAL

[DISCOVER MORE →](#)

ELCA, a faith-based organization that provides services to meet a variety of basic needs in the Kenosha, WI community, were encountering numerous challenges as a result of their application. Red Hawk developed a Canvas PowerApp in their Office 365 environment to replace access. The PowerApp is used to check in clients and track the services provided.

KEY RESULTS



Replaced Access with a PowerApp and SQL Database.

The PowerApp enables staff to easily register new clients and update existing records.

The new Reporting dashboard allows ELCA to rapidly demonstrate the value provided when applying for program funding.

Removal of duplicate records during migration to SQL eliminated errors and simplified client data management.

The no-code interface of the PowerApp empowers ELCA to continuously improve their application.

UNITY FINANCIAL

Replaced Access Application, Improved UX and Reporting with
Powershell

Microsoft Powershell 7



EMPOWER ACCOUNTING TEAM WITH DATA & AUTOMATION

THE GOAL

[DISCOVER MORE →](#)

Unity Financial, who specializes in life insurance and financial planning, needed a solution to help their accounting team access data and process information faster with less manual work. Red Hawk implemented a PowerShell Application to provide additional layers of data for reporting as well as automated file transfer. This resulted in more high quality data being available, resulting in more accurate financial statements for reporting.

KEY RESULTS



Replaced Access Application, Improved UX and Reporting with Powershell

The Powershell script provided a 500% increased rate of speed for processing join conversions.

Files that previously required manual interaction to move are now automatically transferred, freeing up time. The new script also automatically creates folders for missing data, which was also a time consuming task.

The previous file's data lacked readability and insight, forcing the client to go searching for necessary information. The new file provides ready to read quality data, and more of it, some 15-20 lines of additional client specific information.

“The main benefit with the project is the improvement in the quality of our data and the accuracy of the financial statements as a result. I do expect to cut days out each month from tedious manual tasks.”

Kevin Losekamp

VICE PRESIDENT &
TREASURER, UNITY FINANCIAL

NEW PERCEPTIONS ❖

Replaced Access Application, Improved UX and Reporting

Caspio



From Legacy to Leading Edge

THE GOAL

[DISCOVER MORE →](#)

New Perceptions, a vital non-profit empowering individuals with intellectual and developmental disabilities, faced a critical challenge. Their core operations relied on an aging Microsoft Access database they'd outgrown. With Microsoft's impending end of mainstream support in 2025, the need for a more robust, scalable, and secure replacement became paramount. They required a solution that could seamlessly migrate their complex data, streamline operations, and empower their team to continue delivering impactful services.

KEY RESULTS



Replaced Access Application, Improved UX and Reporting with Caspio

- **Enhanced Staff Experience:** Significantly improved staff efficiency and user satisfaction, streamlining daily workflows and empowering them to focus on their core mission.
- **Scalability for Future Growth:** The system is designed to handle an increasing number of users and data volumes with ease.
- **Fortified Security & Compliance:** Leveraging Caspio's robust infrastructure, powered by AWS and SQL Server, New Perceptions gained access to enterprise-grade security features. The platform's adherence to industry-leading compliance standards, including SOC 2 Type II, PCI, GDPR, HIPAA, and FERPA, provided peace of mind and ensured the protection of sensitive data.
- **Proactive Future-Proofing:** By migrating to Caspio, New Perceptions effectively mitigated the risks associated with Microsoft's elimination of mainstream support services, ensuring business continuity and operational stability for years to come.

“Working with Red Hawk Technologies on our migration from a Microsoft Access database to a Caspio database was a great experience. The transition was smooth, and their team provided expert guidance every step of the way. The Caspio platform has significantly improved our workflow with its user-friendly interface and easy migration. I'm extremely satisfied with the results and highly recommend Red Hawk Technologies for anyone looking to upgrade their database system.”

Sarah Kring

Director of Adult Services
New Perceptions

EAGLE INFRASTRUCTURE SERVICES

Subsidiary: Applied Consultants

Private Equity: First Reserve and Nautic Partners

Field Service Mobile Application, Middleware and
Administration Portal

Flutter, SQL, Deno, Node, Supabase, Firebase, and Git.



EFFICIENCY and ACCESSIBILITY

THE GOAL

Eagle Infrastructure Services Inc., partnered with Red Hawk Technologies to modernize its reimbursement process for field engineers and consultants for their subsidiary Applied Consultants. To meet IRS standards and requirements on reporting, Eagle needed a streamlined system to handle reimbursement requests efficiently. They were previously using spreadsheets and paper-based methods, requiring frequent calls to the main office for status updates. To enhance efficiency and accessibility, the company sought a custom digital solution that would automate the process and provide employees with real-time access to their records.

Red Hawk Technologies developed a user-friendly platform that streamlined the reimbursement process, allowing employees to submit, track, and manage their requests electronically. By working closely with key stakeholders, the solution was tailored to meet the specific needs of Applied Consultants, ensuring a seamless transition from manual tracking to a fully automated system. The new platform improved response times, reduced administrative workload, and provided employees with instant visibility into their reimbursement statuses.

EAGLE INFRASTRUCTURE SERVICES

KEY RESULTS

Streamlining Reimbursement Management

These outcomes highlight how Red Hawk Technology's custom solution helped Eagle Infrastructure Services and their subsidiary, Applied Consultants:

- ✓ **Real-time** access to reimbursement requests, with a major reduction in support requests.
- ✓ A key feature of the platform is its **offline** functionality, allowing field employees in **remote locations** to access and update reimbursement data. Once connected, the system syncs seamlessly, ensuring uninterrupted access to critical information.

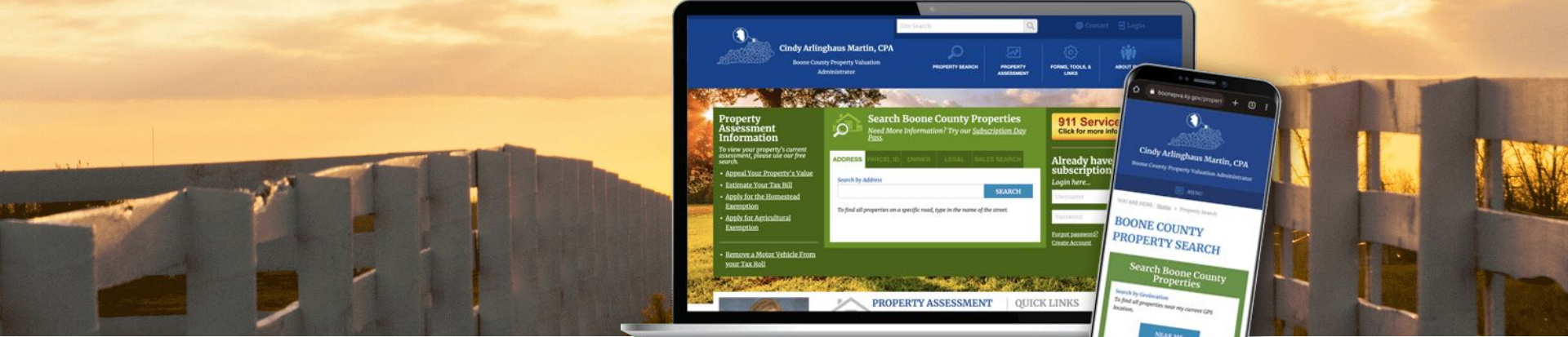
“Our partnership with Applied Consultants and Eagle Infrastructure Services has been a testament to the power of digital transformation in the oil and gas industry. By developing a custom reimbursement platform, we've streamlined processes for field employees, ensuring seamless access to critical financial data—even in remote locations. The success of this project demonstrates our commitment to creating scalable, user-friendly solutions that drive efficiency and innovation. We look forward to continuing our collaboration and expanding this platform to support even more teams across Eagle's network.”

David Koger

Senior Software Engineer | Red Hawk Technologies

Boone County PVA

Web Application for Real Estate Agents Creates New Subscription Revenue for Boone County PVA



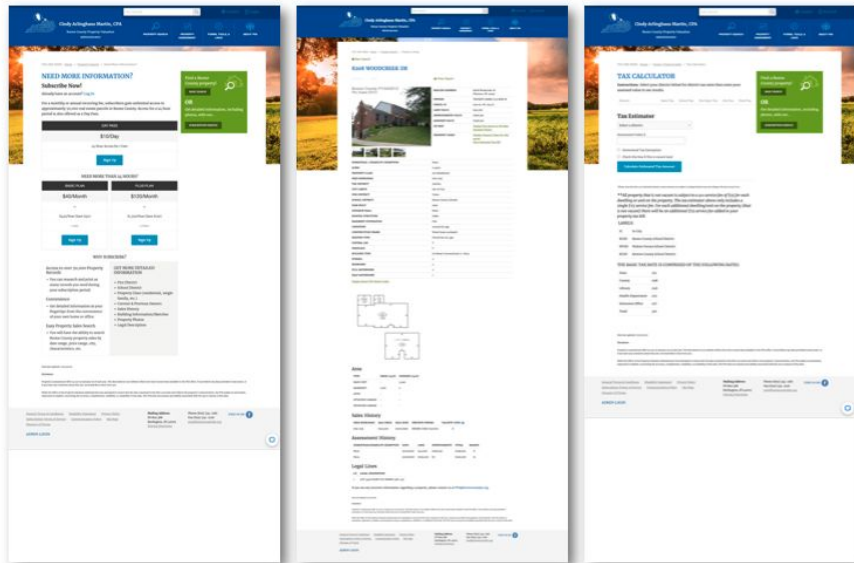
Increase PROFITABILITY

THE GOAL

[DISCOVER MORE →](#)

The Boone County Kentucky PVA office contacted Red Hawk Technologies with their idea to generate a new revenue stream. This application would allow realtors to subscribe to a web tool to research properties.

KEY RESULTS



Red Hawk developed a web application that allows realtors to select from multiple subscription packages, create accounts, automate recurring payments, manage subscriptions and access additional property data.

Thanks to Red Hawk's integrated approach, BCPVA seamlessly:

- ✓ Launched an interface for realtors to manage their accounts and subscriptions.
- ✓ Took advantage of integrations to manage user accounts and property data.
- ✓ Increased revenue.

A background graphic featuring a row of sharpened colored pencils in various colors (red, orange, yellow, green, blue, purple) pointing upwards. The pencils are slightly out of focus and have a soft, glowing effect. The background is a gradient of dark red to dark blue.

Northern Kentucky Community Action Commision NKCAC ❖

New mobile application



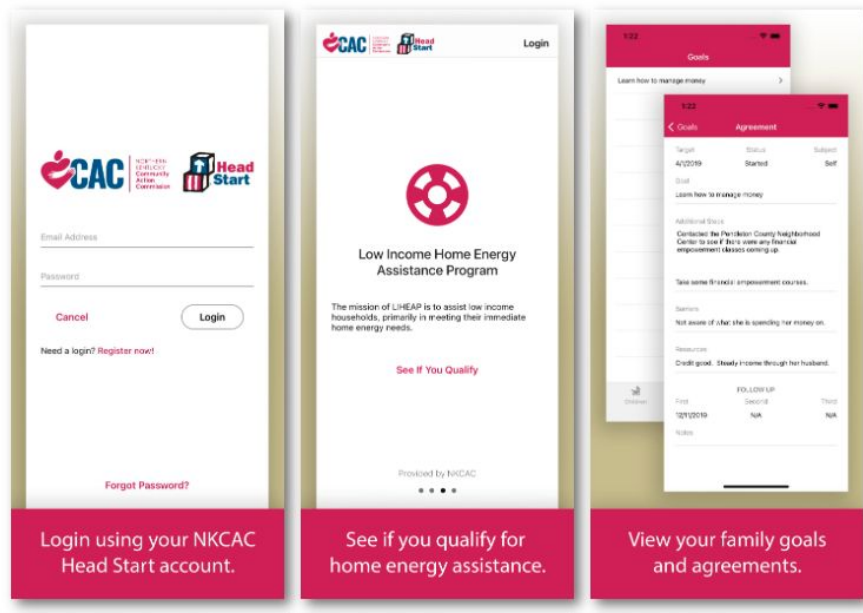
VISIBILITY AND COMMUNICATION

THE GOAL

[DISCOVER MORE →](#)

Northern Kentucky Community Action Commission, a nonprofit, sought a mobile app to enhance parental visibility into their Head Start program. Their goal was to provide equitable services and elevate the quality of life for those they serve. The organization works to promote, educate, and advocate for their community.

KEY RESULTS



MOBILE APP DEVELOPMENT

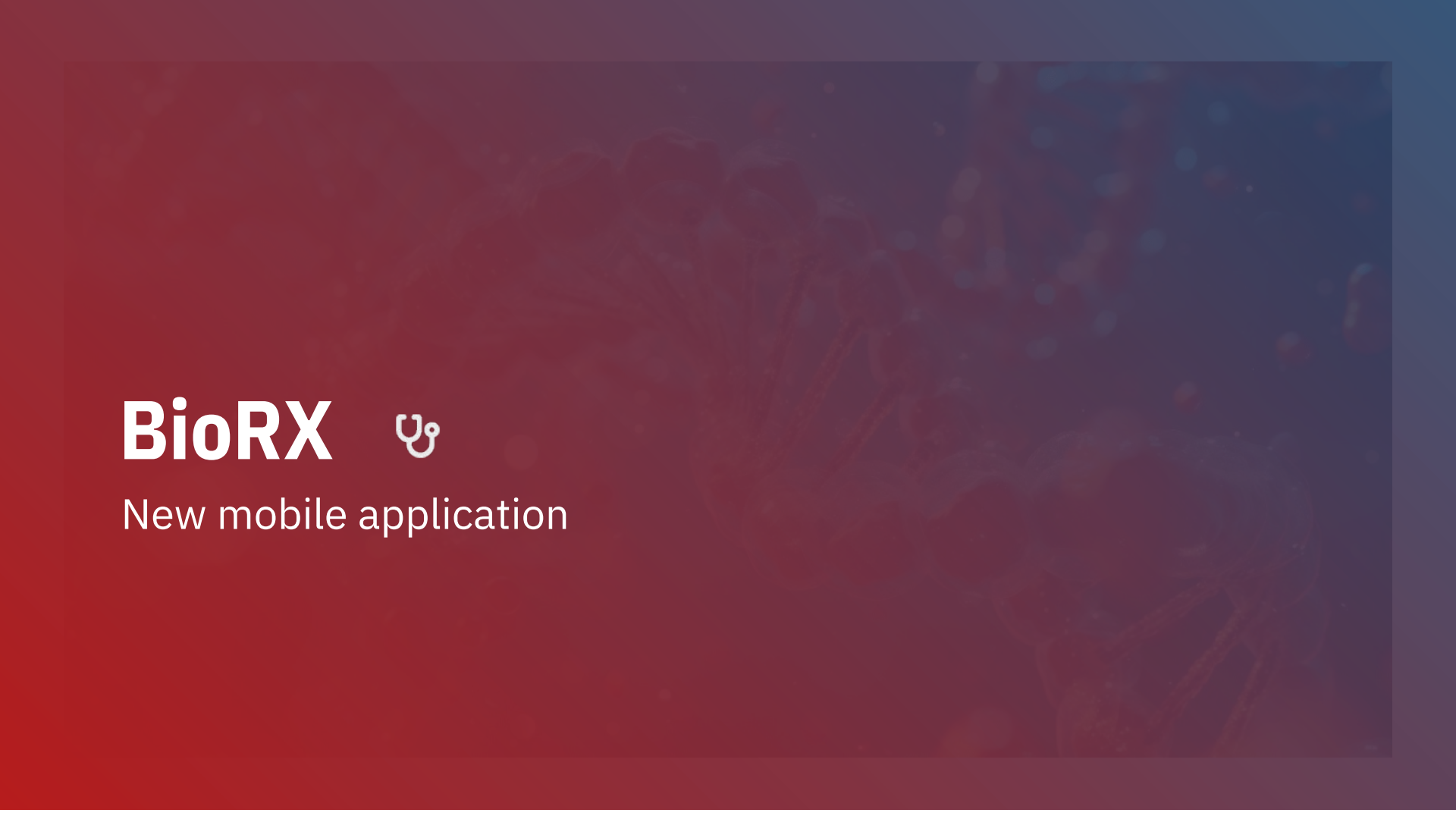
With the goal to provide parents visibility into the local Head Start program and a simple way to track progress, the solution consisted of:

- ✓ Create an iOS and Android application that allows parents to keep track of their child's attendance, nutrition, behavior and family goals.
- ✓ Integrate the app with ChildPlus, a best-in class software the CAC has been using for years to manage their Head Start program.

“Matt and Ron and their whole team are great to work with. They took the time to really understand the organization's needs, offered suggestions and provided feedback, and anticipated any pitfalls that could arise in the development of the app. They think outside the box to provide solutions and are extremely thorough.”

Rhonda Chisenhall

Vice President Community Development



BioRX 

New mobile application



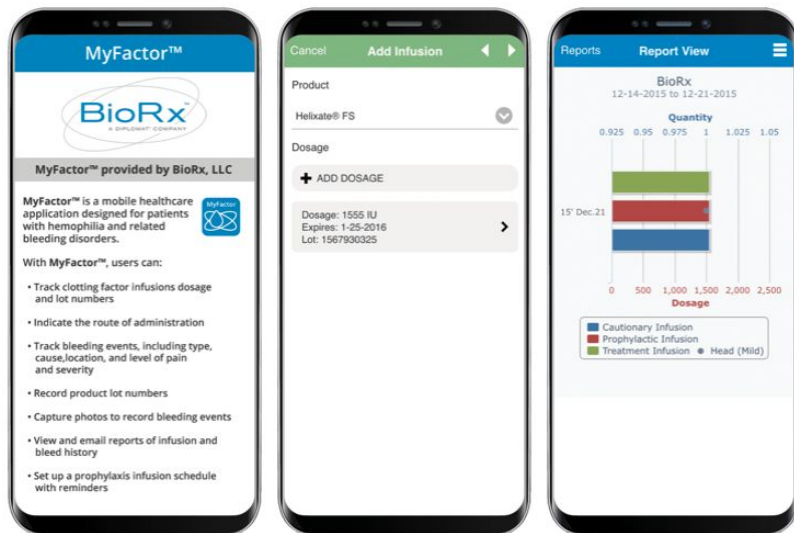
VISIBILITY AND COMMUNICATION

THE GOAL

[DISCOVER MORE →](#)

BioRX approached Red Hawk with a goal for a mobile healthcare app that would help patients with hemophilia and related bleeding disorders.

KEY RESULTS



MOBILE APP DEVELOPMENT

MyFactor, by BioRx, enables hemophilia patients to record bleeding episodes and treatments, and facilitates easy sharing of information with their health care team, including caregivers, physicians, pharmacists and nurses. The most significant features enabled:

- ✓ Logging of factor infusions using a wizard interface and recording related product lot numbers by using the device keypad, scanning a barcode or taking a photo.
- ✓ Viewing and sharing reports of infusion and bleed history by date range, keyword or event type.
- ✓ Setting up push notification reminders to record an infusion event.

PRESTONE



iPad sales app that calculates customer savings



DRIVE SALES

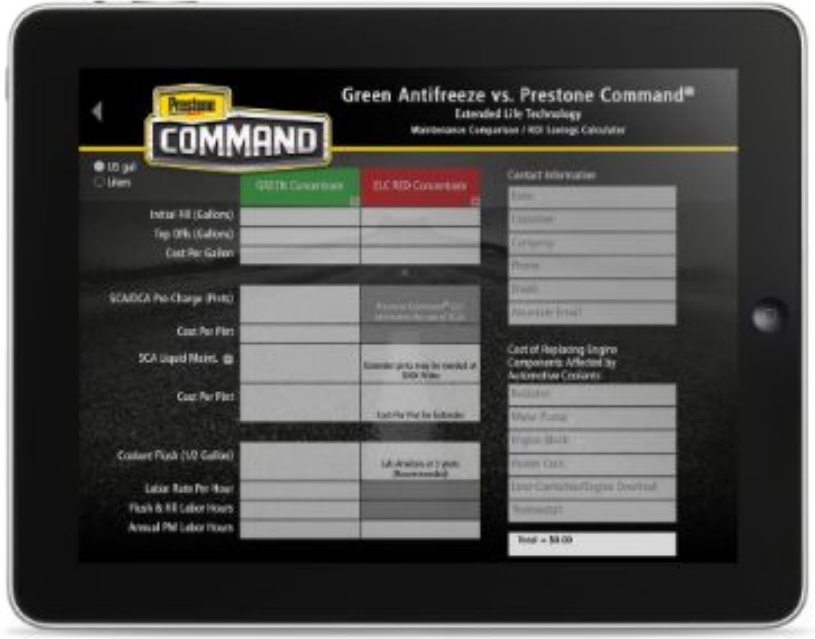
THE GOAL

[DISCOVER MORE →](#)

Red Hawk partnered with DeanHouston, a B2B advertising agency, the goal was to develop an iPad app that features a complex savings calculation tool. The app will allow reps to estimate customer savings during sales calls with fleet managers and email the results for future reference.

PRESTONE

KEY RESULTS



Drive Sales of Premium Product

The payment app with QR Code processing allows merchants to receive payments easily and accurately, eliminating the possibility of errors caused during manual data entry by removing the need for customers to enter information.

- ✓ Potential customer savings calculated.
- ✓ Product comparisons provided to determine the best fit.
- ✓ Results are sent to the prospect's email from the app.

“Red Hawk has provided DeanHouston with everything from phone and web apps to custom tools for merging disparate data sources into useful content. They are great partners to have when faced with daunting technological challenges, and unlike many developers, they understand user experience on a fundamental level. Just as important, their customer service is excellent and their integration with our internal teams is seamless.”

Jim Molloy

VP Digital Development



REACH MAGAZINE

Creating Real-Time Opportunities for Customer Engagement

iPad Application



AUTOMATE GIVEAWAYS

THE GOAL

[DISCOVER MORE →](#)

ReachUSA Magazine reached out to Red Hawk Technologies to develop a digital ticketing solution that they will be able to use at live events, in order to create a new revenue stream.

KEY RESULTS



Created a new Revenue Stream and Reduced Operational Costs.

Red Hawk developed a web application that integrates with a third-party credit card reader and payment gateway. It allows consumers to purchase digital raffle tickets in real-time at events.

- ✓ A user-friendly interface for consumers to select the number of raffle tickets to purchase, swipe a credit card and enter an email address
- ✓ Auto-generated raffle tickets that are sent to the consumer's email
- ✓ An admin feature that allows ReachUSA to select winners and download data

“Red Hawk really came through for us with a way to sell raffle tickets to win “Marvin’s Harley,” benefiting the Marvin Lewis Community Fund. In just a few weeks, they designed and executed an innovative solution for a self-serve iPad kiosk for purchasing tickets. The solution allows a credit card to be securely processed and for raffle numbers to be issued by email. Not only did Red Hawk produce the solution on-time and on-budget, we’ll be able to repurpose it for future promotions.”

Ric Welker

VP Direct Response Media

BOARD WIZARDS

Portfolio Company: Edcetera
Private Equity: Eden Capital

Replaced Access Application, Improved UX and Reporting with Caspio



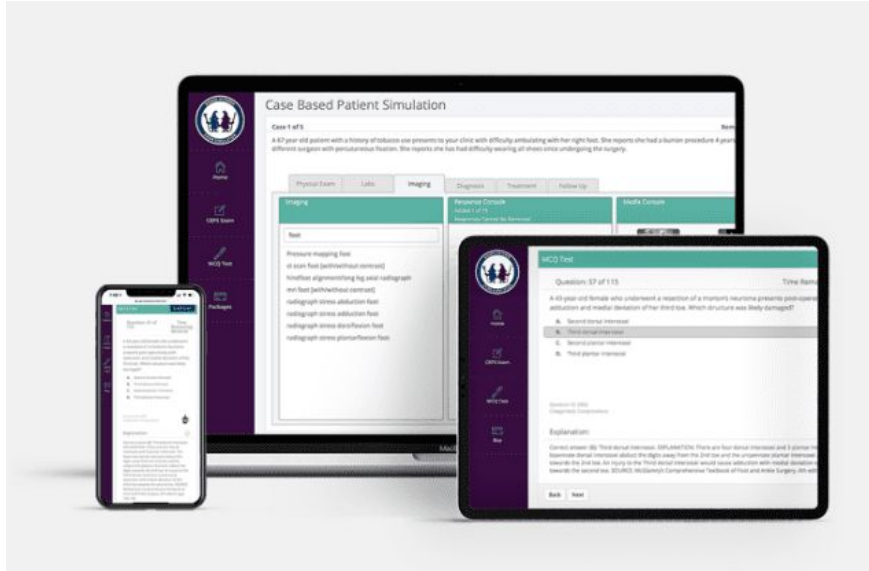
UPDATE and IMPROVE

THE GOAL

[DISCOVER MORE →](#)

Board Wizards is an interactive website tailored for podiatry students preparing for board exams. Backed by Eden Capital and part of Edcetera, it provides specialized resources and quizzes to help students succeed. They partnered with Red Hawk Technologies to enhance security, streamline user management, provide efficient tools for professors, and automate manual processes to improve efficiency.

KEY RESULTS



Update Higher Education Study Application

The following achievements were realized:

- ✓ Enhanced platform functionality
- ✓ Increased customer satisfaction
- ✓ Improved user experience
- ✓ Enhanced Security
- ✓ Improved User Management
- ✓ Process Automation
- ✓ Payment Options
- ✓ Custom Reporting

“Our opportunity to support Board Wizards and Edcetera has given us unique experience in website maintenance and support, two-factor authentication, and user experience, both with the Board Wizards team and their users. We are excited to continue enhancing their platform and environment as they grow their user base.”

Kali Thompson

Senior Project Manager | Red Hawk

INVAR SYSTEMS

Breaking free from their parent company

Azure DevOps Migration



MIGRATION

THE GOAL

[DISCOVER MORE →](#)

Invar Systems, a leading integrator of warehouse logistics and automations, partnered with Red Hawk Technologies to migrate their Azure DevOps (ADO) environment from a shared instance with their former parent company to a new, wholly owned and controlled ADO instance. This case study explores the challenges and solutions encountered during the migration process, highlighting the benefits achieved.

SOLUTION

We leveraged open source tools, scripts and its expertise in Azure DevOps to develop a comprehensive solution.

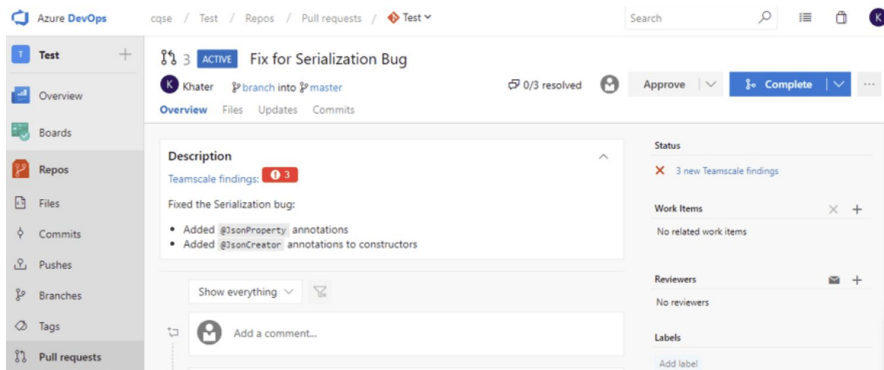
Our team worked closely with Invar Systems' subject matter experts (SMEs) to gather requirements and ensure a smooth migration.

Red Hawk Technologies utilized a phased approach, beginning with a **discovery phase** to assess the existing ADO environment and identify potential risks. This was followed by a **planning phase**, where a detailed migration plan was developed. The **migration phase** was executed in a controlled manner, with regular monitoring and communication to ensure minimal disruption.

KEY RESULTS

The successful migration of Invar Systems' ADO environment resulted in significant benefits for the organization:

- ✓ Clear separation from parent company
- ✓ Improved security and control
- ✓ Increased efficiency and productivity
- ✓ Scalability and flexibility



3Rivers Federal Credit Union

Automated Appointment Notifications

Microsoft Teams Integration



INTEGRATION

THE GOAL

[DISCOVER MORE →](#)

3Rivers Federal Credit Union modernized its customer service operations by implementing automated appointment notifications. By integrating TimeTrade by **Engageware** with **Microsoft Teams**, the bank eliminated manual processes, reduced client wait times, and streamlined communication. This project highlights how automation drives efficiency and enhances customer experience.

SOLUTION

Automated Appointment Notifications in Microsoft Teams

- Seamless Integration: Red Hawk Technologies connected TimeTrade (Engageware) with Microsoft Teams.
- Instant Alerts: Employees received automated appointment notifications directly in Teams when clients arrived or rooms were booked.
- Clarity Over Complexity: Notifications were concise and actionable, following StoryBrand principles: *"If you confuse, you will lose."*

KEY RESULTS

The Power of Automated Appointment Notifications

- ✓ Better Customer Experience: Reduced wait times led to smoother in-branch visits.
- ✓ Higher Efficiency: Staff could focus on customer service instead of managing manual notifications.
- ✓ Streamlined Communication: Appointment updates flowed directly into Teams, keeping employees informed in real time.

"The TimeTrade automated appointment notifications are nice to have, if you are not near the tv/bullpen to know when someone checks in at the teller line. " from the 3Rivers Branch Manager at Richmond Central.

NATIONAL SEED DISTRIBUTOR



Creating Real-Time Opportunities for Customer Engagement

iPad Application



CONSOLIDATION and MODERNIZATION

THE GOAL

Our client, a leading North American provider of native seeds and erosion control products, partnered with Red Hawk for a crucial business transformation. Their 20-year-old ERP system, built by a retiring developer, lacked scalability and modern features, hindering growth. Additionally, post-acquisition integrations require consolidation of multiple legacy systems. Their primary goal is to modernize and unify their ERP system, enabling continued growth and operational excellence.

"We are currently working on delivering a scalable and secure ERP solution to modernize legacy systems and streamline operations. Our approach enhances security, improves inventory management, and integrates newly acquired businesses. This transformation ensures long-term efficiency, scalability, and visibility, setting the foundation for future growth."

Anne Sawyer

Delivery Operations Manager | Red Hawk

NATIONAL SEED DISTRIBUTOR

KEY RESULTS

ERP System Modernization and Integration for Seed Distributor's Continued Growth

These outcomes highlight how Red Hawk Technology's custom solution will help the National Seed Distributor once the project is complete:

- ✓ Enhanced security, streamlined user management, reduced costs, and scalable growth.
- ✓ Efficient and user-friendly inventory management, customizable options, detailed transaction views, and item and lot level management.
- ✓ Greater efficiency, reduced order processing time, and enhanced visibility into inventory activities.

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Project

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 -  Mobile Application
 -  Web Application
 -  Database
 -  Workflow Automations
 -  iPad Application
 -  Managed Services
-
-  Construction