

Accelerating Mission Success with Appian Low-Code Solutions



Federal agencies face increasing pressure to modernize operations, improve oversight, streamline investigations, and deliver faster, more transparent services, yet outdated systems continue to drive up costs, slow delivery, and create vulnerabilities. **REI Systems helps agencies overcome these challenges** with secure, scalable low code solutions that accelerate digital transformation, support emerging technologies, and adapt to shifting policies. Our future ready approach maximizes ROI, minimizes rework, and **ensures modernization delivers lasting mission impact**, stronger cybersecurity, and better outcomes for the American public.

Why Agencies Choose REI

- Mission First
- Low-Code at Scale
- Maximize ROI (while minimizing rework)
- Future-Ready Platforms
- Proven Federal Partner
- Digital Transformation Expertise
- Subject Matter Expertise
- Centers of Excellence

Services

We deliver solutions up to 6 times faster through low code and Mindful Modernization™, ensuring speed, security, and scale across the full solution lifecycle.

- Strategy & Service Design
- Customer Experience Design
- Requirements Building
- Business Process Re-Engineering
- Custom Configuration
- CI/CD & DevSecOps
- Embedded AI
- Testing & Deployment
- Operations & Maintenance
- Digital Transformation Enablement
- CoE Establishment & Knowledge Scaling
- Thought Leadership & Advisory Services
- Subject Matter Expertise (SMEs) across domain areas
- Systems Integration

Low-Code Benefits



- Respond faster to evolving needs with scalable digital applications
- Boost efficiency through secure, DevSecOps-driven delivery
- Enhance productivity via automated workflows and smarter interfaces
- Improve user experience with intuitive, mobile-ready UIs
- Reduce technical debt and long-term maintenance costs
- Enable continuous innovation via built-in feedback loops and modular design
- Strengthen compliance with out-of-the-box security and audit controls

Mission Outcomes | Real Results for Federal Agencies



OFFICE OF THE COMPTROLLER OF THE CURRENCY (OCC)



Mission Challenge:

Modernize systems to support regulatory oversight and improved risk response.



What We Delivered:

Modernized 19+ applications using Appian, across 13 environments and 43 servers through Agile delivery, cloud migration, and ongoing O&M.



Outcomes That Matter:

- 2,000+ staff now operate on a modern supervisory platform
- 45 major and 24 minor releases delivered, boosting oversight speed and responsiveness



Why REI:

Collaborated to enhance Agile and DevOps practices, piloted AI/ML, supported OCC's first Appian mobile app, and piloted CI/CD pipelines, delivering scalable modernization that enhances financial oversight and operational agility.



FDA – CMARS

(CASE MANAGEMENT AND ADMINISTRATIVE RESOURCE SYSTEM)



Mission Challenge:

Outdated, siloed OCI systems lacked scalability, transparency, and audit-readiness.



What We Delivered:

Modernized FDA's criminal investigations by replacing the end-of-life AIMS with CMARS, leveraging Appian in a secure cloud. Delivered 50+ complex workflows for 20+ investigator roles, supported 6M+ records, and integrated REST APIs with SAFE Evidence Tracker using TIC.



Outcomes That Matter:

- 70,000+ weekly transactions across 230+ users
- 1,100–1,500 active cases managed annually
- Enhanced visibility, security, and operational efficiency
- Strengthened FDA enforcement with centralized oversight



Why REI:

We delivered custom UI/UX dashboards, replicated database instances for reporting, reusable PLSQL scripts for legacy migration, checklist-based UIs, leveraged DSP DevSecOps pipelines, Section 508 compliance, and passed live FDA pen testing, enabling FDA to investigate and enforce with confidence and speed.





FDA – FAS / ROMS (FIELD ACCOMPLISHMENT SYSTEM / REGULATORY OPS MGMT.)



Mission Challenge:

Legacy, disconnected and fragmented Field Operations systems and delayed operational insight.



What We Delivered:

Launched Phase 1 of ROMS with FAS in Appian. Completed 18 sprints, unified Field Operations workflows across Appian, AWS, and MuleSoft.



Outcomes That Matter:

- 1500+ users conducting 6,500+ transactions monthly
- 78% increase in UI/UX satisfaction
- 69% improvement in system performance
- 183% boost in perceived technical value



Why REI:

We used AWS Textract for OCR, MuleSoft APIs for real-time integration, Zero Trust security principles, and continuous user feedback via sprint reviews—delivering a scalable, secure Field Operations platform that drives adoption and field productivity.



ACF – CARS (CASE AND RECORD SYSTEM)



Mission Challenge:

Fragmented data collection and manual reporting hindered efficient oversight, increased compliance risk, and slowed data-driven decision-making for the Child Care and Development Fund (CCDF) program.



What We Delivered:

Appian-based modernization supporting 200 internal and 1,000+ external users. Features include workflow automation, SAIL, case management, and users & groups.



Outcomes That Matter:

- Higher Data Quality: More accurate and reliable child care data.
- Better Program Oversight: Enhanced monitoring and accountability for CCDF funds.
- Informed Decisions: Data-driven policy and program improvements.



Why REI:

We deployed early low-code automation, implemented accessibility-first design, and have plans to integrate AI for document extraction, helping ACF deliver faster, more transparent, and compliant grant management at scale.



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