

VIDERITY APPLICATION DEVELOPMENT SERVICES

Powering Innovation with Scalable, Secure, and Intelligent Applications

Organizations across the public and private sectors face increasing demands for agility, security, and seamless digital experiences. Legacy systems often struggle to keep pace, while off-the-shelf solutions fail to meet evolving business needs. Viderity delivers high-performance, custom-built applications that drive efficiency, enhance decision-making, and support mission-critical operations. With expertise spanning cloud-native development, enterprise integration, AI-driven insights, and mobile innovation, we create future-ready solutions that scale with your needs. With over 15 years of proven success delivering for federal (DoD and civilian) and commercial clients, and with ISO 9001 for Quality Management and ISO 27001 for Information Security, Viderity ensures your projects are done right the first time.

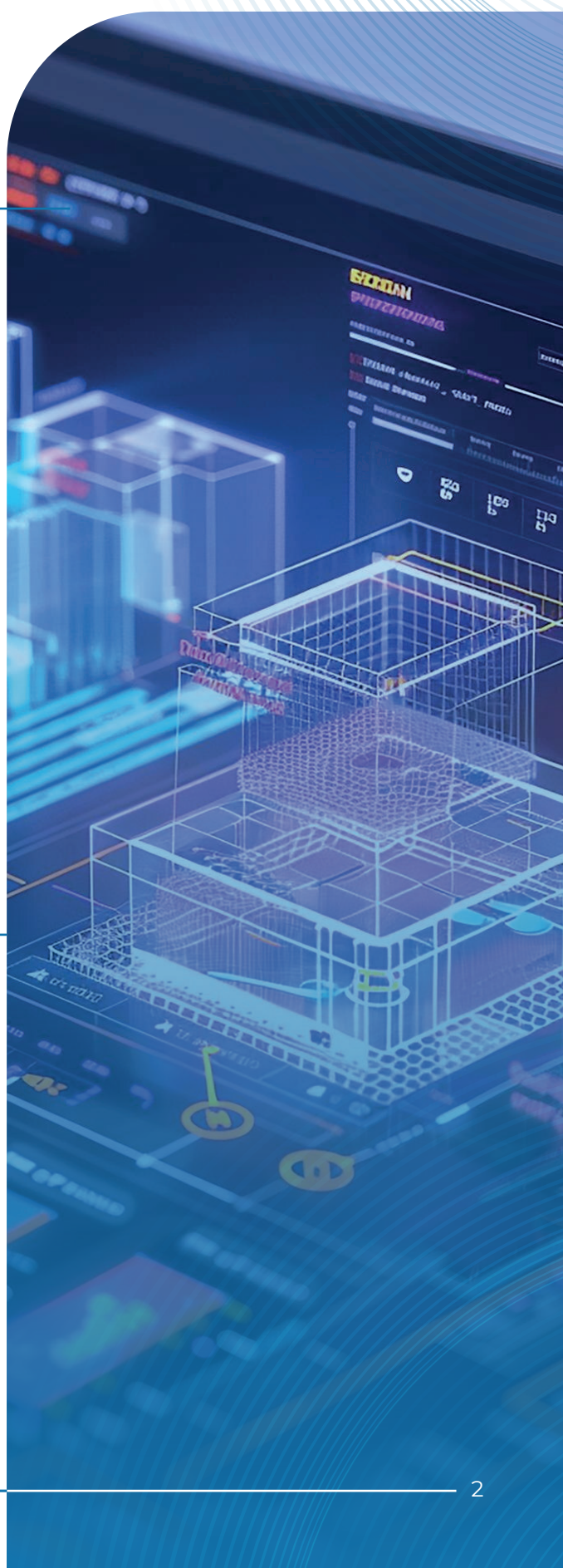
OUR CORE OFFERINGS

Full-Stack Development

- **Front-End:** React, Angular, Vue.js, Svelte, HTML5, CSS3, JavaScript, TypeScript
- **Back-End:** Node.js, Java, Python, Ruby on Rails, .NET, PHP, Golang, Kotlin
- **API Development:** RESTful, GraphQL, gRPC, SOAP
- **Microservices & Architecture:** Kubernetes, Docker, Istio, Spring Boot
- **Serverless Computing:** AWS Lambda, Azure Functions, Google Cloud Functions
- **Headless CMS & API-First Development:** Strapi, Contentful, Sanity, GraphQL

Content Management Systems

- **Traditional CMS:** Drupal, WordPress, Sitecore, Joomla, Umbraco for robust, scalable content management solutions
- **Enterprise CMS:** Adobe Experience Manager (AEM), Kentico for advanced digital experience platforms
- **Custom CMS Development:** Tailored solutions for unique content governance, workflow automation, and multi-channel publishing



Cloud-Native Development & Modernization

- **Cloud Providers:** AWS, Azure, Google Cloud, Oracle Cloud, IBM Cloud
- **Cloud-Native Development:** Containerization, Kubernetes, OpenShift, Terraform, Ansible
- **Multi-Cloud & Hybrid Cloud Architectures**
- **DevSecOps & Continuous**
- **Integration:** Jenkins, GitHub Actions, GitLab CI/CD, ArgoCD
- **Infrastructure as Code (IaC):** Terraform, CloudFormation, Pulumi

Enterprise & Government Solutions

- Scalable applications for federal and commercial clients
- Secure, compliant platforms using SailPoint, Okta for identity governance and access management
- Intelligent automation, RPA, AI-driven analytics with ServiceNow integrations
- Digital transformation, legacy system modernization, and sustainment of existing applications
- **AI & Machine Learning:** TensorFlow, PyTorch, Scikit-learn, OpenAI API

User Experience & Design

- **UI/UX Design:** Figma, Adobe XD, Sketch, Axure
- **Human-Centered Design & Accessibility Compliance:** WCAG, Section 508 compliance
- **Design Systems & Branding:** Material Design, Tailwind UI, Bootstrap, Foundation
- **Interactive Prototyping & Usability Testing**

Enterprise Integration & API Management

- **API Gateway & Management:** Kong, Apigee, AWS API Gateway, MuleSoft Enterprise Service Bus (ESB)
- **Integration:** IBM Integration Bus, Red Hat Fuse, Apache Camel
- **Legacy System Modernization & Data Orchestration**: Apache Kafka, Apache Airflow
- **Secure Data Exchange & Interoperability**

Mobile & Web Applications

- **Native Mobile Apps:** iOS (Swift, Objective-C), Android (Kotlin, Java)
- **Cross-Platform Mobile Apps:** Flutter, React Native, Xamarin
- **Progressive Web Apps (PWAs):** Seamless experiences across devices
- **Voice Assistants & Chatbots:** AI-powered NLP, conversational interfaces

Agile & DevSecOps Development

- **Agile Methodologies:** Scrum, SAFe, Kanban, Lean, supported by tools like Jira, Trello, Asana, Monday.com
- **Continuous Integration & Testing:** Selenium, Cucumber (BDD), Cypress, JUnit, PyTest
- **Performance Testing:** JMeter, LoadRunner, Gatling for scalability and reliability
- **API Security & Penetration Testing**
- **DevSecOps Integration & Zero Trust Security**
- **Infrastructure Automation:** HashiCorp Vault, Helm, Service Mesh



OUR DEVELOPMENT METHODOLOGIES

At Viderity, we offer flexibility in our development approach to meet your unique needs. In addition to our Agile and DevSecOps expertise, we support traditional methodologies like the Waterfall Model and comprehensive **development phases:**



01

Requirements Gathering & Analysis

Deep collaboration with stakeholders to define clear, actionable goals

02

System Design

Architectural planning for scalable, secure solutions

03

Implementation (Coding & Development)

High-quality coding with best practices

04

Testing

Rigorous testing to ensure functionality, performance, and security

05

Deployment

Seamless rollouts with minimal disruption

06

Maintenance & Sustainment

Ongoing support to keep applications running smoothly

FINISH



AGILE-SCRUM MODEL: Empowering Innovation with Agile Excellence

Our Agile-Scrum methodology ensures flexibility, collaboration, and high-quality outcomes.

Why Choose Agile-Scrum at Viderity?

- Certified Scrum Master guidance
- Comprehensive Scrum implementation
- Optimized daily scrums for productivity
- Incremental delivery of usable product increments
- Complex requirement handling with ease

The Viderity Agile-Scrum Process

- **Product Backlog Refinement:** Prioritize tasks with stakeholders
- **Sprint Planning:** Define sprint goals (2-4 weeks)
- **Daily Scrum:** Quick 15-minute stand-ups
- **Sprint Review:** Showcase deliverables
- **Retrospective:** Reflect and improve

Benefits of Agile-Scrum with Viderity

- Flexibility to adapt to changing requirements
- Collaboration through strong communication
- Speed with functional software increments per sprint
- Quality via rigorous testing
- Innovation through iterative feedback



WHY CHOOSE VIDERITY?

1. **Agile and Scalable Development**
   Rapid iterations to adapt to market changes and customer feedback in real time.

2. **Security & Compliance First**
   DevSecOps practices ensure security at every stage, meeting stringent federal and industry standards.

3. **Cloud-Optimized & Future-Ready**
   Cloud-native strategies optimize costs while enabling effortless scaling.

4. **Cost Overrun Mitigation**
   Through meticulous planning, agile iterations, and continuous monitoring, we minimize budget overruns while delivering maximum value.

5. **Accelerated Time to Market**
   Our DevSecOps pipelines, combined with Agile methodologies, ensure faster delivery without compromising quality.

6. **Sustainment of Existing Applications**
   We provide ongoing maintenance, updates, and modernization to ensure your legacy applications remain robust and relevant.

7. **AI-Driven Innovation**
   Leverage AI and ML for intelligent automation, predictive analytics, and NLP capabilities.

8. **Human-Centric User Experience**
   Intuitive designs that enhance engagement and efficiency.

9. **Data-Driven Decision Making**
   Advanced analytics for insights that drive growth and efficiency.

10. **Proven Expertise Across Sectors**
    Over 15 years of serving government agencies and Fortune 500 companies with ISO 9001 and ISO 27001 certifications ensuring quality and security.

A SAMPLING OF VIDERITY SUCCESS STORIES

- **Enterprise Digital Transformation**
  Modernized a government agency's digital ecosystem with cloud-native architectures, reducing costs while enhancing scalability, security, and user experience.

- **Cloud-Native Migration & Performance Optimization**
  Migrated a Fortune 500 company's mission-critical applications to a cloud-native environment, cutting infrastructure costs and boosting responsiveness.

- **Mobile Big Data & Dynamic Dashboards**
  Designed a mobile app with interactive data visualizations and real-time analytics for seamless access to insights across devices.

- **Enterprise Content Management & Web Development**
  Developed large-scale CMS solutions using Drupal, ensuring high-performance web experiences and accessibility compliance for nationwide audiences.

- **Award Management System Development**
  Built a custom end-to-end award management system, streamlining nomination, evaluation, and selection processes with enhanced transparency and automation.

- **IT Modernization & Enterprise System Support**
  Provided strategic IT modernization under large-scale contracts, including cloud migration, cybersecurity enhancements, and enterprise application support.

LET'S BUILD THE FUTURE TOGETHER

Viderity is a HUBZone and WOSB-certified professional services firm that empowers organizations through digital innovation, strategic consulting, creative design, advanced technology, and operational excellence. We don't just implement technology, we help clients reimagine how to leverage it to drive transformation, enhance outcomes, and deliver lasting impact. With a proven track record across diverse industries, Viderity offers solutions that seamlessly align with organizational missions, delivering measurable value across Federal, both DoD and civilian, and Commercial sectors. Our consistent Exceptional ratings on Contractor Performance Assessment Reports (CPARs) reflect our unwavering commitment to excellence. Backed by a highly credentialed team, with over one-third holding advanced degrees (master's or doctorates) and professional certifications, Viderity ensures superior results in every engagement.

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WBENC
SBA WOSB Woman Owned Small Business
HUBZone Historically Underutilized Business Zone