Company Overview

Unicon, Inc. is a provider of information technology professional services. The company’s expertise is in software application development, open source technologies, and education technology solutions. Unicon combines its extensive technical experience, software development methodology, and project management practices with a client-centric focus to deliver technology solutions that solve business challenges.

Unicon delivers quality service to clients. D&B evaluated Unicon’s past performance by surveying Unicon clients. Unicon scored an overall performance rating of 90 for SIC 7371/Computer Programming Services category. Unicon’s past performance review indicated the company’s customer satisfaction. To determine the rating, past customers indicated their satisfaction in quality, reliability, cost, delivery/timeliness, responsiveness, and customer support.

Since 1993, Unicon has provided technology services and solutions to hundreds of organizations, including major universities and colleges, Fortune 100 companies, and global publishers. Clients value Unicon’s large-scale consulting firm professionalism and effective delivery of capabilities while enjoying the powerful agility, personalized service, and close relationships of a small company. Unicon considers this to be its greatest strength: “large company abilities, small company values.”

Unicon forms long-lasting relationships with clients by jointly working to create the best solution to meet their specific business needs. Unicon helps navigate clients through every stage of their IT projects. Organizations outsource complete or significant portions of their projects to Unicon for software engineering, systems integration, and hosting and managed services.

Software Engineering

Unicon’s software engineering (application development) services include Greenfield projects, custom software development, development on existing open source software, and proprietary software development. Unicon’s business and IT professionals use contemporary tools and methods for solution design, agile development, quality assurance, implementation, and maintenance. Unicon quickly delivers greater value to clients using the Scrum process and Agile engineering practices, producing highly successful and on-schedule solutions.

Systems Integration

Unicon’s systems integration services connect disparate applications across the enterprise to form one scalable, reliable, improved solution. With over 20 years of experience in integrating systems, clients can count on high-quality, high-performance results. Unicon develops or adapts solutions while leveraging industry standards for data and APIs.

Hosting and Managed Services

Unicon hosts open source, custom, and proprietary applications in the Amazon Web Services (AWS) public cloud for clients who face limited cloud expertise, resources, and/or time constraints. Unicon can host applications in AWS GovCloud, an isolated AWS region designed to host sensitive data and regulated workloads. AWS GovCloud helps clients support their U.S. government compliance requirements, including the International Traffic in Arms Regulations (ITAR) and Federal Risk and Authorization Management Program (FedRAMP). Services include initial implementation, or migration of a current on-premises application. Unicon has staff certified in many current AWS certifications, including AWS Certified Professional level Solutions Architects and DevOps Engineers. Unicon is an Advanced Consulting Partner and Public Sector Partner in the AWS Partner Network (APN).

Managed services for AWS include pro-active management along with incident and ticket-based support. Pro-active management is applied to capacity planning, reliability/availability, and the security posture of deployed services. Also covered are the deployment of monitoring, instrumentation, and alerting as well as incident response, and service desk requests.

Registration/Certifications

Schedule 70 Contract #: GS35F338GA
Special Item No. 132-51 IT Professional Services
DUNS# 956222467
CAGE Code 36FG6
EIN 860731129
Corporate Status: Privately-held S Corporation

NAICS Codes:
511210 Software Publishers
518210 Data Processing, Hosting, and Related Services
541511 Custom Computer Programming Services
541512 Computer Systems Design Services
541519 Other Computer Related Services
611420 Computer Training

IT Consulting Services

• Software Engineering
• Systems Integration
• Hosting and Managed Services
• Project Management
• Consulting and Mentoring
• Platform Evaluation
• Implementation Planning
• Installation and Configuration
• Branding and User Experience (UX)
• Performance and Scalability
• Technology Due Diligence
• Accessibility
• Technical and Functional Training
• SLA-Driven Technical Support
• Data Migration
• Disaster Readiness and Recovery
Team Roles

Unicon's team of highly knowledgeable, IT professionals includes the following roles:

- Program/ Project Manager
- Software Architect
- Business Analyst
- Technical Lead
- User Experience Architect
- User Experience Developer
- Software Developer
- System Administrator
- Software Engineer in Test
- Quality Assurance
- DevOps Engineer
- Cloud Architect

Certifications and Partnerships

- PMI Certified Professionals
- Certified Information Systems Security Professional (CISSP)
- Certified Cloud Security Professional (CCSP)
- Internet 2 | InCommon
- Apereo Foundation
- IMS Global Learning Consortium
- Amazon Web Services (AWS)
- Better Business Bureau

Industry Expertise

In government environments, Unicon knows that software control and cost are often critical factors. Unicon has expertise in open source software and greenfield development, to return control of IT to government organizations and allow for custom application and solution development. Unicon harnesses the skills of experienced Software Developers, who specialize in Java, .NET, PHP, Python, Javascript, HTML5, and CSS3.

Adaptors of open source software are free to access, modify, and redistribute the source code of the software. Open source software can play a key role in helping organizations develop the capabilities they need to efficiently and quickly achieve the best solution at reduced cost.

Unicon has specific expertise in enterprise deployments of open source software for identity and access management (hosted or on-premise); analytics; portals; integration technology; and mobile computing. In-depth experience includes: Central Authentication Service (CAS), Shibboleth®, SimpleSAMLphp, Grouper™, midPoint, uPortal®, Sakai®, Moodle™, and Student Success Plan (SSP).

In addition to open source application engineering, many clients take advantage of Unicon’s User Experience (UX) services. These services are comprised of two domains: UX design and UX development. UX design involves UX designers who participate in initial phases of discovery for business analysis and user research, incorporating business goals and client requirements into a visual design solution. UX development encompasses front-end web development and cross-browser support. UX developers are involved in the latter phases of development and deployment; the developers understand technical requirements, technologies, browsers and devices, and industry standards to build interfaces that accomplish the design.

Current Clients

California Community Colleges

Unicon has been working with the California Community College (CCC) system since 2010. The system is one of the largest higher education systems in the nation. It is comprised of 72 districts, 113 colleges, and enrolls 2.1 million students. The colleges also offer opportunities for personal enrichment and lifelong learning. Unicon has worked on several projects for CCC, including CCCApply (the statewide online admission application center for CCC), CCCAssess (a common assessment technology and administration platform), and the MyPath Student Services Portal.

Cisco Systems

Cisco Systems selected Unicon in 1998 as the technology provider for the software systems development that supports Cisco Networking Academy program. Since 1997, Cisco Networking Academy has helped over 6 million people prepare for careers in IT. Today, Unicon continues to support course and content management solutions for the Networking Academy, one of the largest online learning programs in the world.

Pearson Higher Education

Unicon’s relationship with Pearson Higher Education began in 2005, and has centered around greenfield development, integration projects, and hosting and managed services projects. Pearson Higher Education has been focused on student success for a long time. From award-winning textbooks delivered in print or on e-readers and mobile devices, to interactive learning experiences delivered in the MyLab/Mastering products, all of the programs are developed and nurtured in partnership with world-renowned authors, experts, and most importantly, college faculty that bring the products to life.