



Vertical Technologies
Solutions Group

CAPABILITIES STATEMENT



Vertical Technologies is a Texas-based firm offering IT operational and developmental consulting. We are a System of Award Management (SAM) registered small business serving the community out of the Greater San Antonio metropolitan area. We are committed to solving your challenges and providing practical solutions in many areas.



OUR CAPABILITIES



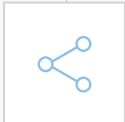
SOFTWARE DEVELOPMENT

We design, deploy and maintain all of your software needs. We are agile and lead the industry in web platform development. We will go above and beyond the competition to exceed your needs.



DATA CENTER

Our datacenter capabilities include rack and stack, CM, DR, CCD, cable management and backup/restoration of data.



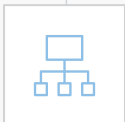
NETWORKING

Communication is the foundation of systems working well together. In 30+ years of experience, we have developed and designed through all facets of network communications including VLAN, VIP, WAN, LAN, MPLS, router/switch management and much more.



SECURITY

Viruses, penetration testing, firmware testing, STIG compliance, OVALs and much more, is necessary to maintain your security posture. We stay ahead of the curve with our best practices and policies that keep your data safe.



SERVER / STORAGE

Our extensive experience spans much of the UNIX and Windows servers on an infrastructure of SAN, NAS, CIFS solutions including higher functionality servers (MS Exchange, SharePoint, Databases, etc.).



VIRTUALIZATION

With all the new cloud technologies emerging in the market one needs a firm grasp on virtualization. Various areas we specialize in are VMWare, VDI, RHEL, CITRIX and Hyper V.

NAICS Codes:

561320 Temporary help services

541511 Software analysis and design services, custom computer

541512 Systems integration design services, computer

541513 Computer systems facilities management and operation

541519 Software installation services, computer

State of Texas NIGP Commodity Codes:

920-00 Data Processing, Computer, Programming, and Software Services

920-03 Application Service Provider (ASP) (Web Based Hosted)

920-14 Applications Software (For Minicomputer Systems)

920-40 Programming Services, Computer (Mobile Device Applications)

Federal Supply Codes:

D Automatic Data Processing and Telecommunication

H Quality Control, Testing, and Inspection

L Technical Representative

T Photographic, Mapping, Printing, and Publications, Technical Writing

R Professional, Administrative and Management Support

U Education and Training, Technical Training



KEY PERSONNEL



DANNY A. PALLONE II, MCP CCNA

PARTNER, VERTICAL TECHNOLOGIES

Dan Pallone has nearly 18 years of experience in information technology, including project management and engineering for hundreds of projects since 1998. His technical specialties include strategic planning and deployment for web based project solutions, software development site assessments, due diligence, and remediation. Mr. Pallone also participates in rule-making processes, providing technical expertise and industry-focused interpretations.

Mr. Pallone has significant experience in developing software solutions strategies for start-up businesses, vaulting old technologies into the cloud, and datacenter conversions. He is deemed a subject matter expert (SME) in many fields of development including cloud technology.

Prior to founding Vertical Technologies with his business partner, Mr. Pallone worked as an automation engineer for KCI, software developer for Rackspace, SME for Naval Surface Warfare Center (NSWC), Director of Information Technology at Strick Corporation and Chief Information Officer (CIO) for NextWave Systems LLC.

CARL J. DUGART II, BS

PARTNER, VERTICAL TECHNOLOGIES

Carl Dugart has over 12 years of experience in the field of information technology spanning the energy, medical, manufacturing and technology industries with extensive experience in infrastructure, software development and project management.

Prior to Vertical Technologies, Carl managed the IT Automation team at Acelity where he developed a portfolio of innovative projects and initiatives that drove reliability, availability and scalability across the enterprise. He also served on the Infrastructure Advisory Council where he led discussions that shaped the future of IT at Acelity.

Previously, Carl served as a solutions expert at IBM where he led the effort to define, build, and implement a business continuity plan that enabled CenturyLink's core business applications to recover in the event of a disaster or disruption. During his tenure, he also led the effort to transition Coca-Cola's Atlanta-based datacenter to a global services model by offshoring the commissioning of computing resources. .





ONLINE RESOURCE-MAPPING TOOL AND CERTIFICATION PROJECT

Texas School Safety Center | San Marcos, TX | April 2015-Present | \$240K | 754-15-TXSSC-01

Certification Project: Texas State University San Marcos (TSUSM) is looking to help schools throughout Texas become more prepared with the adoption of a consistent and effective Self-Certification assessment process. By answering a questionnaire and validating their experience in-depth to those questions, schools qualify their answers to lead them toward Certification of their facility. Exceeding an accelerated timeline, Vertical Technologies built a Certification Platform that is simple and scalable to meet those needs.

Online Resource Mapping Tool: Texas State University San Marcos (TSUSM) is looking to help schools throughout Texas become more prepared with a consistent and effective Emergency Operations Plan (EOP) adoption by filtering out the plans they already have on hand and delivering links, standards, training, and all other related materials to the facilitator in need. This includes providing a Content Management System (CMS) that is simple, scalable, and which possesses the ability to be reused for many diverse purposes. This contract will be aligned with the mission of both the Texas State University San Marcos (TSUSM), and the Texas School Safety Center Department (TSSCD) whose goal is the anonymous direction to online resources available to facility inspectors supporting the Emergency Operations Plan (EOP) with the University to conduct hazard response assessment deliverables.



SAM (SIMPLE ACCOUNT MANAGEMENT)

Acelity L.P. Inc. | San Antonio, TX | November 2013-Present | \$1.6M

Provided an API extensible ASP.net solution that deploys Linux/Windows Server operating systems to the cloud with on premise servers included in the virtual networking environment. Developed the management of network devices through APIs as well as a solution for IP address deployment within vLANs with the ability to load-balance incoming requests to virtual servers with auto-provision servers based on system load. The technology used for this project ranged from Bash scripts, .net code, VMWare/CISCO/BigIP5 & Brocade SDKs, MS SQL, Kickstart scripts, node.js, Perl scripts for CD/CI, Jenkins/GITHub, JQuery UI, and many others. .



RACKCONNECT

Rackspace Inc. | San Antonio, TX | February 2010 - June 2013 | \$19M

Integrating SaaS based cloud solution for Identity Management and enabling single sign-on and application provisioning across an enterprise of over 150 applications. Tightly integrating with Active Directory, Salesforce and Workday, SAM provides a turnkey solution for user activation and app assignment. Acelity employees can now access all of their web and mobile apps, both behind the firewall and in the cloud, with a single login.



G-BOSS GROUND BASED OPERATIONAL SURVEILLANCE SYSTEM

*Naval Surface Warfare Center (NSWC) | Crane, IN | October 2004-February 2011
\$1.2B | N0016410SNB04*

Provided an observation post code-base that is extensible and modular, and where all project deliverables will remain operational and always deliver on observation during upgrades or remote operation. G-BOSS is an integrated system and employs multiple detection and assessment technologies, all self-contained on a single mobile platform. G-BOSS can integrate signals from Unmanned Aerial Vehicles (UAVs) using the VideoScout video management system and from the Tactical Remote Sensor Suite (TRSS) unattended ground sensors (UGSs). The G-BOSS is a persistent surveillance system using RHEL, JAVA, JAVA Script, WINDOWS XP, MySQL, and all SDKs for each module to maintain this 24/7 surveillance as a persistent solution.



AUTOSTACK

Kinetic Concepts, Inc. | San Antonio, TX | June 2011-Present | \$1.4M

Provided a solution that can automate the stack of work to accomplish service desk level 1-3 tasks that might be repetitive and may include inconsistencies due to human error. Developed a solution that uses ASP.NET and MS SQL database backend to execute calls to SCO (MS System Center Orchestrator) to execute runbooks designed to make complex, cross-platform routines as simple as clicking a button. This program required Domain Login and Access Controls to each element for a departments use. The program started out small but grew to include many other aspects of daily operations for the Company. Spanning CITRIX / Software CD-CI / VMWare / SERVER Management / Datacenter Management / etc. When the company understood the diversity of this tool, they kept adding and expanding on this project.



COMMITMENT

Passion, respect, integrity, and a commitment to excellence are the driving forces of Vertical Technologies. We have the resources and technical ability to provide a solution that will exceed the requirements.

Our amazing team of professionals who make up our organization is a great source of pride. Our clients benefit from our singular focus and experience, and recognize that we are 100% transparent and accountable.

We make ourselves available 24/7 and always keep our clients' interests at the core of each engagement. This commitment to clients continues to drive repeat engagements from our clients. We feel that you deserve nothing less than excellence when it comes to your project needs.

We believe that our relationship with you, as with all relationships, needs open and clear communication. We want you to be as informed as possible to help you in your decisions concerning your project.

We understand how valuable your time is, so we make every effort to remain on schedule. We feel that you deserve our complete focus and attention in order to provide the best results possible.
