



# IT Strategy That Delivers

## Core Competencies

### 1. COTS and SaaS Integration

Our engineers have helped *mortgage finance agencies* realize up to ninety percent cost reduction by integrating COTS and software as-a-service (SaaS) products into their legacy ecosystems using industry standard integration patterns.

### 2. Enterprise Architecture, Portfolio Management, and IT Strategy

We have assisted federal agencies in managing product portfolios, evaluating technical alternatives, estimating costs, and developing roadmaps. We developed a framework to identify issues in application architecture and development processes.

### 3. Cloud Migration

WorkingVet has cloud migration experience on all major platforms: AWS, Azure, and Google Cloud Platform. We will configure your legacy applications to take advantage of elasticity and fault tolerance in the cloud like a true, cloud-native system.

### 4. Cybersecurity, Privacy, Vulnerability Management

Cybersecurity and Privacy are paramount to our democracy. To that end, we are committed to the development of strong VPN and Cybersecurity solutions for our nation. We provide Cybersecurity services to micro-businesses such as dentist offices as well as large healthcare systems.

### 5. Big Data

We design schemas and processes to extract the most out of your data assets in the cloud, on premise, or in hybrid ecosystems. Your data will move efficiently with Hadoop and Apache Spark ETLs to various downstream systems such as NoSQL, Elasticsearch, Apache Cassandra, Datawarehouse, Graph Database, or Event Hubs.

### 6. Real-Time Data Streaming

We build real-time data-streaming systems to analyze your data while it is in motion – whether it is for Supply Chain, Cybersecurity, Banking, or other vertical.

### 7. Machine Learning

We build prediction models with Apache Spark eco-systems. Data is one of the most important assets enterprises own. We help enterprises get more value out of the data they have - whether they want to improve business processes, or they want to improve hospital-patient's experience. We have experience in database engineering, data transformation, cleansing data, and choosing the right data features. Our engineers built an AI model to accurately predict sepsis based on real-time vital signs.

### 8. Event-Driven Architecture

We architect and build highly scalable systems with Event Hubs in the cloud to enable enterprises to react in real-time to business events. For instance, a mortgage loan processing company was able to cut down the time required to process monthly payments. The event driven system also enabled more accurate pricing for loan securitization.

### 9. Network & IT Infrastructure

Our engineers bring proven experience and certifications in IPV6, AWS (Amazon Web Services), and other cloud technologies. We are skilled in cloud monitoring tools, DevOps, containerization technologies such as docker, and can deploy to the cloud and to VMs (Virtual Machines) with CI (Continuous Integration) tools such as Concourse, Drone, and Jenkins.

### 10. Designing and Testing Clinical Platforms

WorkingVet offers expertise in designing and testing platforms for clinical use and workflows for healthcare back-office functions for medical and dental offices. WorkingVet also offers expertise in evaluating and integrating computer aided design software for dental prosthetics.

### 11. Custom Development

WorkingVet has provided application design, development, and integration services in verticals, such as health, banking, wealth management, mortgage securitization, mortgage origination, securitization, finance, and various non-profits.

## 12. Training

The customer applauded our new-hire training on the VA EHRM program for our modular approach to customize the content to each engineer's level of understanding of networking and PKI concepts as they pertain to the EHRM infrastructure. The training was so effective that the customer also required senior engineers to take the advanced modules.

## Company Past Performance

Veterans Affairs, Demand Management, Intake and Analysis

We developed a new streamlined intake process for IT projects, estimated size, cost, and complexity of new initiatives such as Community Care. Our architects ensured compliance with Enterprise Architecture while providing inputs to the development of reference models to prevent fragmentation and duplication across a large IT portfolio.

Veterans Affairs, EHRM IO

WorkingVet assists the VA in managing the deployment of a modern Electronic Health Record Management system to replace the legacy VistA system across 171 medical centers across the US. We provide oversight of design, deployment, migration, and support activities. Our roles span architecture, network maintenance, and program management.

Veterans Affairs, Cloud Operations and Migration Services

WorkingVet engineers monitor the AWS and Azure cloud services using various tools such as ScienceLogic and Splunk. We also provide DevSecOps services and cloud administration services.

Gainesville Family Dentistry, Gainesville, VA (Drs. Rama and Rashmi Goswami)

Customer Quote: "You were the answer to our prayers" when we resolved slow x-rays, slow claims uploads, error prone dental workstations, and network issues. Migrated infrastructure to state-of-the-art hardware and software.

Khouri Orthodontics Gainesville, VA (Dr. John Khouri)


Customer Quote: "Very thorough and very valuable outputs from your infrastructure review".

## Leadership Experience and Key Differentiators

Dr. Salil Bhende founded WorkingVet LLC to apply his clinical insights to information technology solutions in medicine. He brings knowledge of X-ray machines, CAD/CAM, CT Scanners, prosthetics, insurance processing, and back-office functions. Ashwin Gramopadhye joined Dr. Bhende as an officer of the company to bring IT expertise and technical leadership skills.

## Innovation and Recognition

1. "Priora" is an AI driven organization tool that runs entirely on your PC or server organize, compile, and summarize discrete pieces of enterprise or personal information such as log files, emails, scanned documents, pictures, messages from message queues, and blobs of data from your favorite database. to safeguard your privacy. In beta testing.
2. "Occucane": Our intern won two prizes at [Hoo hacks](#) 2022 (UVA's flagship hackathon) with a white cane to provide depth information from an ultrasound sensor via haptic feedback to the visually impaired user.
3. "Impact Aware": Our intern won first place across all tracks at GMU's [HackOverflow](#) hackathon in 2022. "Impact Aware" is a fault-tolerant mesh network designed to provide instant data about air raids to war zones, so they may quickly triage and respond to hits from enemy weapons.
4. We apply advanced numerical methods to develop novel algorithms to process data acquired from Software-defined radio and consumer radio platforms (Wi-Fi/Bluetooth) in support Signals Intelligence and Electronic Warfare products.

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| <b>Company Name</b>   | WorkingVet LLC <a href="https://www.workingvet.com">https://www.workingvet.com</a>   |
| <b>Incorporation</b>  | <b>State:</b> North Carolina; <b>Year:</b> 2019; <b>Type:</b> Limited Liability Corporation  |
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