

Woman Owned Small Business



CAPABILITY STATEMENT

Cybersecurity ❖ Systems & Software Engineering ❖ R&D

Treada Technology Group is an IT solutions company providing cybersecurity, systems & software engineering, and R&D. We provide strategic consulting services and develop solutions for Federal Government and commercial organizations. As a **certified Woman-Owned Small Business**, we are committed to our client's success, partnering with them to bring innovative solutions that support their missions.

What sets us apart from the competition?

- ❖ Agility and "getting things done" attitude
- ❖ A culture of innovation and continuous improvement
- ❖ An intense passion for excellence

Our approach, leveraging our leadership team and extensive industry experience, mobilizes the right people, processes and technologies to help organizations meet their mission objectives as quickly as possible. Our company models some of the best characteristics and practices of highly successful companies in industry today such as Google, Apple and Facebook. We strive to make innovation our business.

CORE CAPABILITIES

Cybersecurity

Our Cybersecurity services and solutions assist clients in rapidly improving security posture based on more than 30 years of experience in the field. We have been a proponent of "building in security" for decades and take a secure systems engineering approach. Our staff are degreed engineers with systems engineering training and security experience. Our services include:

- ❖ Broad CISO Support and Consulting
- ❖ Strategy, Policy, and Guidance development
- ❖ Vulnerability and Risk assessments
- ❖ Security Architecture / Engineering
- ❖ Assessment & Authorization—RMF, SP800-53
- ❖ Applied Cryptography, PKE/PKI, FIPS140-2
- ❖ Mobile & Wireless Security

- ❖ Insider Threat, DLP and endpoint security
- ❖ Software Assurance

Systems and Software Engineering

We have significant experience in systems and software engineering. We assist clients with the entire Systems Engineering Process, including:

- ❖ CONOPS Development
- ❖ Requirements Engineering & Management
- ❖ Architecture Review and Analysis
- ❖ Risk Management Process
- ❖ Test & Evaluation
- ❖ Implementation Support

We apply Agile Development Methodologies for software development, delivering small but frequent batches of usable capabilities to end users. This allows success to be measured *early and often*. We easily adapt to evolving requirements as well as gain feedback from end users on the usefulness of delivered capabilities. Our team is proficient in languages including Python, .NET, JAVA, and embedded languages.

Research & Development

Treada Tech leverages highly qualified and seasoned researchers, plus tight relationships with the research community and academic institutions to assist clients with R&D planning, emerging technology research, rapid prototyping, proof-of-concept development and technical assessments / evaluations. We leverage our agility and proven methodologies in several areas including applied cryptography, mobile technology, Big Data, Smart Cities/IoT, sensors and High Performance Computing.

SELECT FEDERAL NAICS DESIGNATORS

- 541511 – Custom Computer Programming Services
- 541512 – Computer Systems Design Services
- 541513 – Computer Facilities Management Services
- 541519 – Other Computer Related Services
- 541715 – R&D Physical, Engineering, Life Sciences

CONTRACT VEHICLES (as a subcontractor)



GSA IT Schedule 70



GSA Alliant



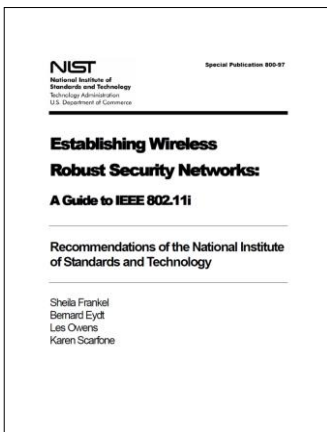
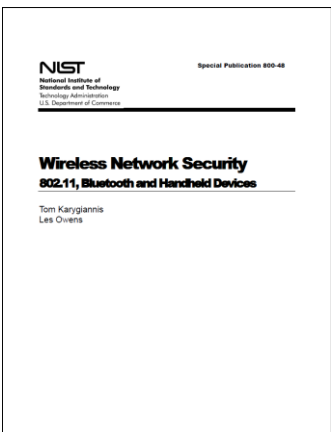
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Plus GSA's newly Highly Adaptive Cybersecurity Services (HACS) Special Item Numbers (SINs) on IT Schedule 70, in support of the President's Cybersecurity National Action Plan (CNAP) and the Cybersecurity Strategy and Implementation Plan (CSIP).

SELECT CLIENTS



SELECT NIST SPECIAL PUBLICATIONS by Treada Tech Principals



NIST SP800-48—Wireless Network Security (guidance on Bluetooth, Wi-Fi and handheld security)

NIST SP800-97—Establishing Wireless Robust Security Networks (guidance on 2nd generation 802.11 security)

SELECT INNOVATIONS by Treada Tech Principals

Patent # 7,516,485—Method and apparatus for securely transmitting encrypted data through a firewall and for monitoring user traffic

Patent # 6,874,026—Method and apparatus for filtering packets using a dedicated processor

Patent # 6,647,418—Method and apparatus for filtering packets using a dedicated processor

Patent # 6,338,140—Method and system for validating subscriber identities in a communications network

Patent # 6,158,008—Method and apparatus for updating address lists for a packet filter processor

Patent # 6,092,110—Apparatus for filtering packets using a dedicated processor

Patent # 5,930,362—Generation of encryption key

Patent # 5,875,394—Method of mutual authentication for secure wireless service provision

Patent # 5,481,611—Method and apparatus for entity authentication

GENERAL INFORMATION

Registered Name: Treada Technology Group

Year Incorporated: 2016 State of Incorporation: Virginia

SBA Certification: Woman-owned Small Business—8(m) Corporation Type: LLC

D-U-N-S Number: 080413256

CAGE Code: 7QYP1

NIST SP800-171 compliant

CONTACT INFORMATION

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OUR CORE VALUES

We believe that Core Values are essential to creating an environment of excellence, trust and respect. They govern how we treat each other, and how we treat our clients. They are the underpinnings of Treada Tech:

- ❖ Innovation
- ❖ Client Service
- ❖ Diversity
- ❖ Teamwork
- ❖ Respect
- ❖ Fairness
- ❖ Agility
- ❖ Excellence
- ❖ Entrepreneurship
- ❖ Professionalism
- ❖ Integrity
- ❖ Trust

TREADA TECHNOLOGY GROUP—A certified Woman-Owned Small Business

