

Air Force Pitch Day – Invited Small Businesses

| Topic: AF191-009, PEO: C3I&N | |
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| Firm Name | Firm Description |
| Architecture Technology Corporation | Architecture Technology Corporation's core technical areas are next-generation networking, cybersecurity, airspace traffic modeling, high-performance computing, information management and engineering for complex hardware/software systems. |
| Astrapi Corporation | Astrapi Corporation is a leader in spiral-based modulation. Astrapi's technology will support performance advances across a wide range of radio communications, including more efficient cellular networks, lower demands for spectrum usage, greater resistance to rain fade, more efficient and reliable microwave networks and the next generation of high capacity multimedia, field communications and deep space communications. |
| Axellio Inc. | Axellio Inc. is a leading innovator in all NVMe Flash Hyper-Converged Infrastructure and Edge Computing systems uniquely designed to run tier 1 storage-intensive workloads. Axellio delivers computing platforms built with its advanced FabricXpress architecture to deliver superior performance, economics, capacity, scalability, space and power utilization and flexibility. |
| Barrier Group, LLC | Barrier Group, LLC is real-time sensor-based artificial intelligence and intelligent learning with extreme accuracy. Their products have demonstrated results that far exceed others in the market. With more than a five year track record, Barrier Group has perfected the art of Real Time Data Analytics and Intelligence. |
| Bazze & Co. | Bazze & Co. provides tools with robust stand-off capability to identify and track malicious cyber actors. |
| BlackLynx | BlackLynx is a team of former national security professionals and talented engineers. They provide the hardware and software solutions needed to transform large data streams into actionable solutions, empowering warfighters and decision-makers to operate at the speed of relevance. They can accelerate existing hardware, commercial off the shelf systems, and develop custom solutions tailored to operations 'at the edge,' including space, intelligence and special operations. |
| CrowdAI | CrowdAI uses cutting edge deep learning techniques to automatically detect features from satellite and aerial video and imagery. CrowdAI has some of the most accurate deep learning models in the industry and partnered with leading satellite and aerial imagery providers. Their fast, flexible models allow for detection and categorization of numerous features across large geographic regions. |
| DUJUD LLC | DUJUD LLC has developed precision 3D laser imaging systems for various applications and currently has focused on different 3D printing methods and processes. DUJUD LLC is working to fill the technological gaps in the additive manufacturing industry by pushing the limits of 3D printed resolutions down to the micron-scale for metal structures. |
| EMAG Technologies, Inc. | EMAG Technologies, Inc. develops and markets innovative software and hardware solutions for analysis, characterization and diagnosis of radio frequency and wireless systems and devices. Their integrated simulation software tools and non-invasive field measurement instruments provide unprecedented insight into the inner workings and hidden complexities of high frequency devices and sensors, RF systems, and massive wireless networks. |

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| Geosite Inc. | Geosite Inc.'s enterprise SaaS platform enables customers to leverage spatial data for more rapid and accurate planning and operations. This platform is a dual-use technology for both commercial and military customers, giving access to the proliferation in satellite and distributed sensor systems and allows users to manage building intelligence products and common operating pictures. |
| GeoSpark Analytics | GeoSpark Analytics develops artificial intelligence algorithms delivered through a SaaS platform that automates risk and threat intelligence using data from news, social media, satellites, and unclassified government and non-governmental organization sources. Their Hyperion platform helps make decisions faster by identifying and forecasting emerging events on a global scale to recognize threats, mitigate risks, avoid disruptions and leverage opportunities. |
| GhostWave Inc. | GhostWave Inc. saves assets and missions by avoiding collisions. Their product offers a low cost, high performance DAAS solution that is different from any current technology. Their 24 GHz, low-cost automotive sized RF Noise radars are immune from localized jamming or interference and are being implemented on UAVs to enable clandestine sense and avoid systems. |
| Gigavation Incorporated | Gigavation Incorporated provides security to device communication protocols by seamlessly adding intelligence into the protocol stack itself– enforcing intelligent and granular encryption, while simultaneously guarding against attacks from malicious devices and the insider threat. |
| ICR Inc. | ICR Inc. was founded with the mission to be the first to identify and solve the Intelligence and Defense Communities' toughest engineering and operational problems by establishing a true partnership with their customers. |
| Notch Inc. | Notch Inc. is developing software defined antennas using RF metamaterials. This would enable systems with simple antennas to steer their antenna radiation pattern to boost communication range while simultaneously providing anti-jamming capabilities. The metamaterial technology is inexpensive to manufacture, light and expends negligible power. |
| Onclave Networks, Inc. | Onclave Networks, Inc. isolates and contains segmented Operational Technology devices through their Secure IoT® platform. With Onclave's Secure IoT® solution, systems and devices become invisible to hackers while remaining operational and accessible only to authorized users. This solution isolates, contains, and protects all OT regardless of manufacturer, age, operating system or protocol. |
| Pueo Business Solutions LLC | Pueo Business Solutions LLC was formed in 2017 with a firm commitment to differentiating customer value through innovation, education, and expertise. Pueo's core capabilities include Business Intelligence, AI/ML, Cyber Security, IT Management and Insider Threat. Their capability delivery focuses upon expert-contextualized solutions for measurable mission advantage. |
| SecureLogix Corporation | SecureLogix Corporation, a leader in delivering voice and call security solutions, defends business voice systems from inbound/outbound call-based attacks, including calling number spoofing, robocalls, impersonation scams, targeted social engineering, Telephony Denial of Service and toll fraud. Their solutions include hardware and software deployed on premise as well as a commercial cloud-based service. |
| SitScape Inc. | SitScape Inc. is the leader in collaborative User-Defined-Operating-Picture Situational Awareness solutions with their Digital Enterprise Enablement Platform software. It enables ops and mission users to easily aggregate, analyze and visualize disparate data and information sources into collaborative visual Common-Operating-Picture and agile digital applications with advanced automation and analytics. |

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| Tunnel VUE, Inc. | Tunnel VUE, Inc. is a technology development firm focused on solving intractable problems in the Cyber and IT space. The core of their technology incorporates a privately funded key management process shown to enable the establishment of IPsec communications tunnels without the use of fixed pre-shared keys, and without the use of asynchronous key exchange methodology. |
| Topic: AF191-010 PEO: ISR/SOF | |
| Firm Name | Firm Description |
| Bambu Vault, LLC | Bambu Vault, LLC has a very proud history of broad scientific innovation creating unique, disruptive solutions for customers across global markets. Their businesses are based on strong technology competencies in four primary platforms: self-powered lighting solutions; energy conversion; stimulus triggered molecular change and signature management. |
| Battle Sight Technologies | Battle Sight Technologies is innovating revolutionary products for the frontline that enhance day-to-day operations, wellbeing, and productivity. Their new product utilizes their existing chemiluminescence material that is compact, easy to deploy and can serve multiple special operations and flight mission sets. This technology will facilitate the deposition of a unique infrared signature to any environmental surface. |
| Camgian Microsystems Corporation | Camgian Microsystems Corporation is a recognized leader in developing advanced sensing and information processing technologies that deliver real-time, actionable intelligence. Leveraging innovations in the areas of multi-sensor processing, data analytics and artificial intelligence, Camgian is pioneering a new generation of decision support capabilities that address key needs in the defense and financial markets. |
| Citadel Defense Company | Citadel Defense Company is a counter drone technology company specializing in the development and deployment of drone protection solutions for military, government, and commercial applications. |
| ClimaCell | ClimaCell, uniquely as a weather provider, augments public national meteorological services with proprietary data; leveraging software-based IoT distributed sensing networks to provide millions more data points to its models that enable hyper accurate and granular weather nowcasts, predictions on a minute-by-minute basis and forecasts at a .5km resolution up to 6 hours in advance. |
| Combat Power Solutions | Combat Power Solutions, founded by service disabled USAF Special Warfare Airmen, has Combat Survivor Evader Locator radios that serve as survival radio and personal locator system for downed aircrew and Isolated Personnel. CPS is working on a versatile battery charging solution that will provide off-grid charging capabilities, increasing the life of CSEL batteries and lightening the load on warfighters. |
| Delta Development Team LLC | Delta Development Team LLC is an innovator and manufacturer of rugged environment refrigeration systems, specializing in military applications. Delta Development understands modern and efficient refrigeration science and has experience-based knowledge of extreme environment and defense requirements, with a constant focus on reliability. |
| Elphel, Inc. | Elphel, Inc. is a technology company doing research and development in the field of high-performance digital cameras, image processing, 3D imaging and machine learning. Elphel has been developing methods of precise camera calibration, designing photogrammetric multiple-view cameras and working on very long range passive 3D reconstruction. |
| ForeFlight LLC | ForeFlight LLC creates software that makes flight planning easier. ForeFlight Mobile, the company's flagship product, is used by individual pilots and |

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| | professional flight crews to gather weather and destination information efficiently. It is used to route, plan and file, access and manage electronic charts and maps, organize flight publications and as a reference for enroute navigation aid. |
| Hadron Industries | Hadron Industries is a collaboration and cybersecurity engineering firm whose primary product is Photon, a remote collaboration system that combines all of an organization's screens into a single, unified workspace, allowing staff in remote locations to instantly share workspaces with one another, even across classification domains. It was built specifically to improve situational awareness in tactical environments. |
| Higher Ground | Higher Ground's mission is to make worldwide connectivity simple, inexpensive and available. They communicate with the very powerful geostationary satellites, 23,000 miles above the Earth and are expanding this technology with NASA for unmanned aerial vehicle communications and flight safety, working with the DHS for Wi-Fi On-demand and with the University of California on intelligent irrigation for farms. |
| Intellisense Systems, Inc. | Intellisense Systems, Inc. is an advanced systems integrator and leader in cutting-edge integrated systems comprised of unique sensor, programming and optoelectronic technologies with innovative implementations of modern electronics, computing and augmented intelligence. ISI's technologies enable new levels of situational awareness and informed decision making through improved data gathering and processing, information visualization and human machine interfacing. |
| Jio, Inc. | Jio, Inc. addresses a market opportunity for a method of insuring children are safe while letting them explore their world. The Jobit product is the smallest and lightest GPS-enabled cellular tracking device in the market. The device and associated Cloud infrastructure actively manage power between Bluetooth, Wi-Fi and cellular radios to achieve up to 10 days of battery life on a charge. |
| nVision Technology, Inc. | nVision Technology, Inc., along with its partner companies, has been a trusted source of highly accurate ballistic solutions for over 10 years. nVision has been instrumental in the evolution of small arms fire control systems and has fundamentally changed the way ballistic calculators are used on the battlefield. |
| Plugnix, LLC | Plugnix, LLC provides radio integration products and engineering with custom built solutions and consulting services. Their expertise runs the gamut from network architecture to software development to PCB design and prototyping. Plugnix, LLC hopes to enhance the warfighter and public safety by providing data and voice radio integration at the last mile. |
| Rapid Imaging Technologies LLC | Rapid Imaging Technologies LLC develops situational awareness technologies leveraging augmented reality and artificial intelligence. Their core technology is video processing and analytics software that merges geographic meta-data with video frames to produce a video-stream with a geographic context. The software projects augmented reality vectors, polygons and points of interest onto the video, providing the viewer with enhanced situational awareness. |
| Remote Health Solutions, LLC | Remote Health Solutions, LLC is a service-disabled veteran-owned Small Business that provides an innovative telemedicine platform called the Virtual Exam Room. These commercially-available, off-the-shelf devices provide the medic in the field with the ability to remotely consult with a doctor or specialist over secure, real time video; while simultaneously transmitting, viewing and storing diagnostic patient data. |
| Securisyn Medical | Securisyn Medical's patented SolidAIRity Airway Stabilization System is designed to address unplanned extubation, the unintentional removal of a life-sustaining breathing tube. SolidAIRity's interlocking tube and securement device |

| | eliminates tube movement due to the securement method slipping from the tube's smooth surface and fills a need for healthcare facilities that mechanically ventilate patients. |
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| Slingshot Aerospace, Inc. | Slingshot Aerospace, Inc., a leader in providing the next generation of signal processing AI, allows customers to make valuable decisions utilizing Earth Observation data, the world's largest untapped data source and other ancillary data sources. Slingshot supports government customers in the areas of space control, space situational awareness, cyber operations, electronic warfare and battle management and control frameworks. |
| Torrey Pines Logic, Inc. | Torrey Pines Logic, Inc. focuses on visible, night vision, infrared and acoustic sensors; optical and wireless communications; optics detection; LIDAR; image processing and analysis; electro-optical design, advanced LEDs and lasers. They seek to develop a ground-to-drone communication link that is not susceptible to jamming, data limits, and distance constraints. |
| Topic: AF191-011 PEO: Digital | |
| Firm Name | Firm Description |
| Architecture Technology Corporation | Architecture Technology Corporation's core technical areas are next-gen networking, cybersecurity, airspace traffic modeling, high-performance computing, information management and engineering for complex hardware/software systems. |
| Arganteal, Corp. | Arganteal, Corp. automates deployment and configuration of networks, infrastructure, and workloads on platforms from OpenStack to Azure and works with any application programming interface. Arganteal automation can replace tedious projects and allows standard workflows to be compiled with detail and customization unique to the stack such that the entire process can be automated. |
| ATC-NY, Inc. | ATC-NY, Inc. pursues the high-risk approaches that often reward their customers with truly advanced systems and software. Their core technical areas are next-gen networking, cybersecurity, airspace traffic modeling, high-performance computing, information management and engineering for complex hardware/software systems. They will adapt Trestle, a software tool for building automated cybersecurity models in a distributed, hierarchical format, to meet Air Force needs. |
| Beacon Interactive Systems | Beacon Interactive Systems has transitioned from a software startup in Cambridge delivering enterprise software systems to private sector customers to a rapidly growing defense contractor providing digital solutions to the DoD. Beacon is a recognized leader in the delivery of Mission Critical IoT and AI systems, with a proven SBIR success story with multiple Phase III transitions. |
| CEXEC, Inc. | CEXEC, Inc. provides customers with a portfolio of modernization strategies and techniques, including system platform virtualization/rehosting, software application interface/environment translation, software application source code conversion, software application form/fit/function (F3) re-engineering and full software application redesign. |
| Consul Systems | Consul System supports national defense and intelligence missions by delivering innovations in AI/ML, signals intelligence and networked systems. Consul has delivered IoT device security capability to major commercial enterprises and aims to bring these capabilities to the DoD for critical device-centric networks in production weapon systems, clinical healthcare, and secure facility management. |
| Dark Wolf Solutions, LLC | Dark Wolf Solutions, LLC, founded as Wolf Den Associates, LLC in 2009 and established as Dark Wolf in 2019, provides the U.S. intelligence community, U.S. DoD and U.S. commercial sector with innovative, holistic solutions in: software |

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| | engineering; offensive and defensive cyber operations; systems integration and engineering; cybersecurity and management and operations support. |
| Emagine IT, Inc. | Emagine IT, Inc. is a leading technical and engineering services firm with more than 14 years of experience in assessment and security program planning for NIST-based IT Security frameworks. They support cybersecurity disciplines such as continuous monitoring and real-time awareness; continuity and recovery; security evaluation, penetration testing and code review and security, governance, awareness and outreach. |
| Fastport, Inc. | Fastport, Inc. is a veteran employment software company with the sole mission to help all members of our nation's military community find great career opportunities with great employers. They help connect any Veterans, transitioning service members, members of the Guard and Reserve, military spouses that are under your care who are in need of employment across the country. |
| FiberQA, LLC | FiberQA, LLC is a privately-owned high-tech company formed in 2012. FiberQA designs, manufactures, sells and supports a variety of innovative robotic fiber optic inspection, integrated cleaning and automated reporting systems that support the entire fiber optic ecosystem – from manufacturing to production and throughout sustainment. |
| Intentionet, Inc. | Intentionet, Inc.'s mission is to transform the way that computer networks are designed, configured and validated by enabling network engineers to guarantee that their network configurations meet critical security and reliability policies before deployed to the live network. This capability enables a form of CI/CD for networks, catching errors before deployment and allowing networks to be evolved rapidly and confidently. |
| Metis Technology Solutions Inc. | Metis Technology Solutions Inc. has extensive experience in modeling and simulation for aeronautics research as well as satellite ground system development and sustaining engineering. They support several high-visibility programs, including NASA spaceflight missions for lunar exploration, small satellite swarm development and International Space Station utilization. |
| NAVSYS Corporation | NAVSYS Corporation provides high quality technical products and services in GPS hardware design, systems engineering, systems analysis and software design. NAVSYS supports Global Positioning Systems, Inertial Navigation Systems and communication systems, with a technological expertise known as "GPS innovations" – the use of advanced technology and novel system architectures to improve on conventional GPS equipment and methods. |
| Power Fingerprinting, Inc. | Power Fingerprinting, Inc. has a unique approach to cybersecurity which utilizes analog signals (AC, DC, EMI) to assess the integrity of an electronic device. PFP's AI platform continually monitors the target system, detects whenever unauthorized modifications have compromised the integrity of an electronic system and remediates by restoring a known state before damage occurs. |
| Praeses, LLC | Praeses, LLC is a leader in software development and services, offering proven and consistent business solutions to customers in both the public and private sectors. With over two decades of IT experience, Praeses serves as an independent, trusted advisor helping clients re-engineer processes and leverage emerging technologies to optimize operations. |
| Segue Technologies, Inc. | Segue Technologies, Inc. has worked as an IT partner to organizations to develop and enhance their mission-critical business systems since 1997. Segue works with federal/DoD providing operational improvements in system sustainment, business intelligence solution integration, network administration, integration of enterprise data and enterprise information system design and development. |

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| Trek10 | Trek10, born in the cloud and 100% focused on AWS infrastructure, specializes in leveraging the absolute best tools and AWS managed services to design, build, and support cutting edge solutions. In addition to designing and building solutions for clients, Trek10 provides proactive monitoring, remediation and architecture support as well. |
| Van Hoose Associates, Inc. | Van Hoose Associates, Inc. developed FlowVU, commercial software application which provides a simple way to capture and manage business processes, tasks and discussions using customer configured milestones. It does the work with a simple ad hoc workflow and keeps the data needed for decisions in a coherent business case management data file on the cloud. |
| viaForensics, LLC | viaForensics, LLC was founded in 2009 and focused on mobile forensics and security. viaForensics's NowSecure, a commercially available automated mobile app vetting software, can significantly streamline the mobile app certification process, thereby equipping the modern and mobile warfighter with critical and timely information which ultimately enhances effectiveness and operational advantage. |
| Xeenius LLC | Xeenius LLC is a packaged solutions and professional services firm that is focused on providing technology consulting and implementation services across the Oracle landscape, open stack and emerging technologies. Xeenius has deep cross platform integration expertise along with cloud and hybrid cloud integration, legacy platform modernization, information management, security, analytics, robotic process automation and custom application development. |