

Innovation

Innovation is a part of Platinum’s DNA. We define innovation as the infusion of new ideas and technologies to enhance the agility of existing solutions across the enterprise and optimize investments to support the DoW’s and civilian missions. We align futuristic technology to support a purpose, a mission. Platinum defines innovative success by integrating disruptive and advanced technologies, accelerating innovation, and modernizing government through the infusion of cutting-edge technology. We believe that integrating emerging technologies such as Artificial Intelligence (AI) / Machine Learning (ML), Quantum Computing (QC), Robotic Process Automation (RPA), FedRAMP, system modernization, next-generation cybersecurity, cloud services, and data analytics are essential to mission success. Platinum has established the following innovative companies, generated by our Innovation and Cyber Digital Transformation Center, that are developing futuristic technologies and use cases to support the federal government’s response to new technologies through policy and best practices.

Generative AI, Hyper-Automation, Quantum-Ready Architectures

Platinum’s AI subsidiary companies (**Alpha X AI™**, **Cyber Sparc AI™**, **Duality Q™**, and **Pantheon Design™**) deliver advanced, futuristic solutions for design and implementation across emerging technology domains, including **Generative AI, hyper-automation, quantum-ready architectures**, and other next-generation innovations, to modernize, secure, and strengthen computing environments. Platinum’s AI subsidiaries bring deep expertise in **AI and Intelligent Automation, applying Agile principles** to rapidly develop, prototype, iterate, and deploy automated workflows that enhance accuracy, transparency, and operational resilience. We successfully implement AI-driven process automation in computing operations, leveraging **Platinum’s DevOps-agile sprint-based** development to streamline reconciliation, accelerate data validation, and reduce manual workload by significant margins. Platinum’s AI subsidiaries produce measurable efficiencies, improve cycle times, and provide more reliable decision-support capabilities for mission-critical functions.

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Platinum Business Services™	
	Platinum Business Services™ (http://www.weareplatinum.net) is an innovative full-service IT solutions firm providing a full suite of superior information technology (IT) services, cybersecurity support, program management, financial management, and administrative solutions. Our core competencies feature cybersecurity, information assurance, Agile IT services, DevSecOps, financial management, and administrative support services. These include system modernization, cloud services, artificial intelligence (AI), emerging technologies, open-source technologies, machine learning and data analytics, enterprise architecture, business re-engineering, acquisition support services, and grants management. Platinum is a mature Small Business (SB), HUBZone SBA-certified business, and SBA-certified Service-Disabled Veteran-Owned Small Business (SDVOSB). We are CMMI-DEV Level 3- and CMMI-SVC Level 3-certified, with ISO/IEC 9001:2015, ISO 20000-1:2018, and ISO 27001:2022 certifications.
Alpha X AI™	
	Alpha X AI™ (https://aialphax.com) is a Small Disadvantaged Business (SDB) that innovates futuristic Artificial Intelligence (AI) solutions to support federal and commercial interests by prioritizing superior performance and coherent integration. Our futuristic solutions entail Generative AI, hyper-automation, quantum-ready architectures, and other next-generation innovations. Our mission is to transform how organizations protect, detect, and respond to threats by leveraging automation, analytics, and adaptive learning. Our capabilities encompass policy changes, asset and document management, natural language understanding, computer vision, predictive analytics, and conversational agents. These are combined with end-to-end MLOps for

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data ingestion, model development, continuous validation, and secure cloud or edge deployment. Our team partners with organizations to translate domain expertise into scalable AI that measurably improves decision quality, operational resilience, and stakeholder trust.

Cyber Sparc AI™



Cyber Sparc AI™ (<https://cybersparcai.com>) is a cutting-edge cybersecurity Small Disadvantaged Business (SDB) that integrates artificial intelligence with proven federal and commercial cybersecurity frameworks to deliver proactive, intelligent cyber solutions. Built on innovation and guided by NIST standards, we provide scalable solutions that enhance resilience, ensure readiness, and enable mission assurance across the cyber domain. Our Generative AI and hyper-automation solutions deliver cybersecurity-related support and solutions that enhance efficiency and strengthen the security of the computing environment. Our purpose is to empower organizations to protect their digital assets and operations by developing innovative AI-driven cybersecurity solutions that detect, prevent, and respond to evolving threats with speed, intelligence, and reliability. From continuous monitoring and incident response to automated compliance and audit log analysis, Cyber Sparc AI™ empowers teams to stay one step ahead of adversaries.

Duality Q™



Duality Q™ (<https://dualityq.com>), a Small Disadvantaged Business (SDB) and leader in quantum computing, designs futuristic, disruptive quantum systems that translate cutting-edge research into operational advantage for today's enterprises. Grounded in advanced quantum architectures, our technology delivers next-generation performance for the real-time processing of vast datasets, enabling faster, safer, and more efficient decision-making. We specialize in engineering scalable, high-efficiency solutions that integrate seamlessly with existing high-performance computing, artificial intelligence, cybersecurity, and advanced sensing environments. By bridging the classical and quantum domains and cultivating a skilled quantum workforce, Duality Q™ accelerates the adoption of quantum-ready architecture and unlocks transformational capabilities across mission-critical applications. We incorporate quantum-secure communication principles, including quantum-safe encryption, to safeguard data against threats and emerging Quantum Key Distribution (QKD) techniques, to help organizations prepare for a post-quantum threat landscape.

Pantheon Design™



Pantheon Design™ (www.pantheondesignus.com) is a next-generation remote 3-D printing Forge that fuses Robotic Process Automation (RPA) with autonomous and generative Artificial Intelligence (AI) and Machine Learning (ML) to empower hyper-automation. Pantheon redefines how parts are produced and how agile supply chains are sustained in forward-operating environments. Pantheon's unique capability lies in orchestrating fully automated, self-optimizing additive manufacturing pipelines (metal and composites) that integrate advanced design, production, and quality assurance into a single intelligent, self-sustaining 3-D printing ecosystem. Pantheon enables sophisticated autonomous-supported parts delivery and a rapid replacement supply chain, ensuring that mission-critical components are fabricated and deployed with unprecedented speed and precision. With a full complement of advanced software and design 3-D tooling, we empower organizations to maintain operational readiness even in the most austere or dynamic conditions.

Abacus Emerging Technologies™



Abacus Emerging Tech™ (<https://abacusetech.com>) is a Women-Owned Small Business (WOSB) that pioneers disruptive, futuristic, innovative, and superior solutions that meet GSA's Emerging Technology intent to mature high-impact capabilities and transform mission outcomes rapidly. We offer the height of Emerging Technologies, including Generative AI, hyper-automation, quantum-ready architectures, and other futuristic innovations. We integrate advanced AI and Machine Learning (ML), Next-Generation Cybersecurity, and sophisticated Data Analytics to deliver scalable, secure, and decision-advancing systems that accelerate operations, reduce risk, and enable transformational change.

Ani Arrowhead Technologies™

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Ani Arrowhead Technologies™ (<https://aniarrowheadtech.com>) is a Native American-Owned, Service-Disabled Veteran-Owned Small Business (SDVOSB) dedicated to driving innovation, optimization, and mission success. We specialize in emerging technologies, logistics, financial, and administrative management. We are committed to transforming government agencies to navigate evolving challenges by delivering innovative, secure, and mission-focused solutions that improve readiness, cost efficiency, and long-term resilience.