



Secure and Compliant Solutions for Government

The SMX Digital Solutions Group has proven expertise in delivering successful cloud solutions to many high-profile organizations and was the first company to migrate a Government organization to the cloud. As a trusted advisor for delivering secure and agile technology solutions, we specialize in working with customers to transform and modernize their IT operations through innovative, cost-effective solutions.

SMX has been solving IT challenges for three decades and has been at the forefront of delivering landmark cloud-enabled solutions. SMX has been an Amazon Web Services (AWS) Premier Consulting Partner since the program's inception, is a Microsoft Azure Expert Managed Service Partner (MSP), and a Google Cloud Partner.

Our solutions help organizations plan, assess, migrate, and implement technologies based on their unique needs, often accelerating their move to a cloud environment. From initial cloud strategy to a complete enterprise solution design or datacenter migration, SMX enables customers to take full advantage of the benefits of cloud computing.



DoD Cloud Assessment Initiatives

SMX has expertise with DoD and DISA policy and compliance regarding rules for .mil and commercial cloud solutions and the compliance and security standards, acquisition, and technical architectures that must be met to implement a cloud solution.

Our Digital Solutions Group provides cloud assessment and engineering services for existing, on-premise DoD systems to determine how to migrate that system to the cloud in compliance with complex DoD security policies and standards, which includes supporting the mission owner in conducting the required DoD CIO Business Case Analysis (BCA) using the DoD CIO IT BCA template. Once this is done we build the solution, migrate the system(s) to the cloud, and provide Impact Levels 2, 4, and 5 (IL2/IL4/IL5) managed services and security services to support the new cloud-based environment.

SMX expertise extends beyond just the cloud components of a solution. Our team is well-versed at delivering the entire IT enterprise architecture required to support most DoD systems (e.g. use of a Cloud Access Point (CAP) to protect the DODIN when using cloud services in IL4/IL5 systems). We also have expertise integrating cloud-based solutions or components with on-premises capabilities in hybrid architectures.

Why SMX? Transform and Modernize With a Trusted Partner

SMART

- ✘ A leader in assuring IT transformation through cloud since 2008.
- ✘ First to move a government organization to the cloud.
- ✘ A worldwide team with more than 200 cloud certified professionals.
- ✘ A full life-cycle approach to cloud solutions including strategy, design, implementation, and managed services.
- ✘ SMX Elevate programs to transform, cut costs, and accelerate your migration timeline.

SECURE

- ✘ Assuring critical Government enterprise network security for more than 28 years.
- ✘ Secure and compliant cloud solutions built on a foundation of highly experienced teams with advanced cyber security capabilities.
- ✘ First to implement FISMA Moderate/FEDRAMP Solutions. (NIST 800-53 Rev. 4)
- ✘ Impact Levels 2, 4, and 5 managed and security services.
- ✘ Proven experience for DoD customers and other highly-regulated industries.

OUTCOME ASSURED

- ✘ Premier partnerships with industry-leading cloud providers such as AWS, Microsoft Azure, and Google.
- ✘ An AWS Premier Partner since the program's inception, earning many competencies and accolades.
- ✘ Named a leader in Gartner's Magic Quadrant for public cloud infrastructure MSPs worldwide.
- ✘ Offering a full suite of audited and certified Managed Services to assure your cloud operations 24x7x365.

Premier Cloud Industry Partnerships



SMX has been an AWS Premier Consulting Partner since the program's inception, placing us in the top 1% of all partners. We are one of the few partners selected as an inaugural Managed Service Partner and have earned many other partner competencies including Security, Migration, DevOps, Government, and Public Sector. Our Cloud Assured team also has achieved more than 200 AWS certifications. These distinctions put us in a small, but elite class of cloud service providers that have substantial expertise and proven performance on multiple technology platforms, further enhancing our capabilities and commitment to providing the most advanced, 'best-fit' cloud solutions for our customers.



SMX has been a Microsoft Gold Certified Partner for more than 10 years and is a Microsoft Azure Expert Managed Service Provider (MSP). Inclusion in this program is only awarded to partners that meet a stringent set of requirements, including verified proof of excellence in customer delivery and technical expertise; and the successful completion of an independent audit of their managed services, people, processes, and technologies. Only the most high-fidelity cloud managed service providers are awarded the Azure Expert MSP recognition, intended to give customers confidence when selecting a partner to help them meet their digital transformation goals.



SMX is a Google Cloud Partner and Authorized Google Reseller. The Google Cloud Platform is quickly emerging as a leader in the Cloud IaaS, PaaS and SaaS space. The Smartronix Cloud Assured team provides full life-cycle support for Google Cloud Professional services from strategy and design through development, migration, and 24x7 operations support.

Customer Solution Spotlights

Air Force CCE - EESOH-MIS Cloud Migration SMX is migrated the Enterprise Environmental, Safety, and Occupational Health Management Information System (EESOH-MIS) from a Defense Information Systems Agency (DISA) managed hosting service to a new commercial AWS GovCloud IL4 environment. This included completing the migration of Global Combat Support System (GCSS) Air Force applications to the AWS GovCloud environment (including refactoring to leverage native cloud-based services leveraging AWS automation capabilities), configuring automation of DoD-hardened Security Technical Implementation Guide (STIG'd) platforms and app configurations to promote standardization (with cyber security and reciprocity IAW approved RMF policy), supporting a "rolling ATO" process and the concepts of reciprocity and inheritance, leveraging Global Content Delivery Service (GCDS) as a Security Service (including existing DoD assets deployed worldwide and integrated to support Distributed Denial Of Service (DDOS), Virtual Datacenter Security Stack (VDSS), Cybersecurity Service Provider (CSSP), Identity and Access Management (IDAM), Single Sign-On (SSO), and other capabilities), performing application refactoring (including PaaS where applicable), containerization (where appropriate) and utilizing a Docker-based National Security Agency (NSA) certified version of Linux, native cloud service utilization, and other industry best practices) including support for DevOps.

Air Force Air University Cloud Migration SMX developed and built a Commercial Cloud Services (Dev, Test, and Production) for Air University in a Microsoft Azure IL4 Virtual Data Center (VDC). We provided a fully-managed functional commercial cloud environment, supporting core application (Student Information System (SIS) and Learning Management Systems (LMS)). This effort is focused on Infrastructure-as-a-Service (IaaS) cloud capabilities and includes a fully hosted Cloud Access Point (CAP) via DISA, and a CAC-enabled IdAM solution that supports authentication for application and privileged user OS access.

Collaborative, Multiplatform Environment (COMET) SMX designed and implemented a fully-managed Siemens Teamcenter cloud environment to support collaboration between Huntington Ingalls – Newport News Shipbuilding (HI-NNS), the Navy, and vendor community. The solution included a fully-hosted Cloud Access Point (CAP) and a CAC-enabled IdAM solution that supports authentication for application and privileged user OS access.

Department of Interior Cloud Hosting Services SMX supported the Department of the Interior (DOI) in their transformation from a vast and heterogeneous systems portfolio to a modern services-based architecture. The cloud hosted services being delivered by Smartronix are supporting DOI's target to achieve \$500 million in savings by 2020, which will significantly impact DOI's ability to provide essential services and achieve its mission objectives. By implementing modern cloud-based IT at DOI, Smartronix is driving more predictable, transparent, and low-cost capability which provides reduced cap-ex, faster time-to-market, better innovation, increased scale, enhanced security, improved SLAs, and an expanded service catalog.

In addition to Government customers, SMX has provided cloud solutions for some of the world's most recognizable commercial companies such as: Dole Food, AMC Networks, Ancestry.com, Choice Logistics, L'Oreal, Mayo Clinic, Parsons, Pepperidge Farm, and many more.

For more information, please contact our Digital Solutions Group: DigitalSolutions@smxtech.com

SMX harnesses the transformative power of technology to achieve mission success as a leader in digital and mission solutions, specializing in secure and advanced cloud, ISR, cyber, data analytics, engineering, space, and IT solutions. Operating in close proximity to our clients across the globe, the SMX team has a shared vision to deliver scalable and secure solutions to assure outcomes for the critical missions of our Government and commercial clients.

A few of our contracting vehicles: GSA ASTRO, GSA Alliant 2, GSA OASIS, GSA MAS IT, NITAAC CIO-SP3, SeaPort-NxG, and DIA SITE III.

