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SERVING THE UNITED STATES & ALL NATO COUNTRIES



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**YOUR INFORMATION ASSURANCE PARTNER**

# CYBER ASSURANCE SERVICES

ADVANCED PROGRAMS, INC. | 7125 RIVERWOOD DRIVE, COLUMBIA, MD 21046 | PH: 410.312.5800 FAX: 410.312.5850 | [www.advprograms.com](http://www.advprograms.com)



## CYBER ASSURANCE SERVICES

Advanced Programs, Inc. (API) offers a 15,000 square foot, state-of-the-art, TEMPEST, EMI and test services lab facility called the Cyber Assurance Services lab or API CAS. API CAS is a fully independent test lab. The facility features seven certified TEMPEST and EMI shielded enclosure test chambers, one of which is a fully anechoic EMI chamber. API CAS can provide certified personnel to meet the product development and compliance test needs for secure equipment manufacturers (OEMs) and system integrators. API CAS can support testing to the following standards:

## TEMPEST TESTING & CONSULTING

- NSTISSAM TEMPEST/1-92
- CNSSAM TEMPEST/01-02 NONSTOP
- CNSSAM TEMPEST/1-13 RED/BLACK Installation Guidance
- NATO SDIP 27 TEMPEST Testing

## MIL-STD 461 TESTING & CONSULTING

- Conducted Emissions: CE101, CE102, CE106
- Conducted Susceptibility: CS101, CS103, CS104, CS105, CS106, CS114, CS115, CS116 and CS118 ESD
- Radiated Emissions: RE101, RE102, RE103 (up to 40 GHz)
- Radiated Susceptibility: RS101, RS103 (up to 200V/m up to 18 GHz).

## SHIELDING EFFECTIVENESS, MATERIAL AND FACILITY TESTING

- IEEE-299 Shielding Enclosure Attenuation Testing
- ASTM-3057 Material Shielding Effectiveness testing
- Various Shielded Enclosure/SCIF Attenuation Test Standards (Field Testing)
- ICD/ICS 705 Evaluations

API has the credentials, means and personnel to support programs at all security levels. API CAS designed its new test facility to meet the challenging needs of clients who develop large complex systems. The CAS facility has convenient delivery, staging, storage, and lab access. Each test chamber area features an ante-room with walled and locked privacy and each has abundant power and space to accommodate small to large multi-rack test configurations. Each chamber also has independent temperature control.

Our certified staff can create your test plan, offer design guidance, conduct prototype testing, perform formal qualification testing, develop test reports, make recommendations, and perform pre- and post-production sample testing required in the latest government SERDs. API can also perform project management throughout the compliance process to ensure a coordinated and timely completion.

## ADVANCED PROGRAMS, INC.

API has a combined resource of 16 certified TEMPEST Test Chambers, over 1000 pieces of test equipment, the largest pool of Certified TEMPEST Professionals (CTPs) in the

industry, and extensive electrical and mechanical engineering resources averaging over 20 years of experience. API is the leading supplier of TEMPEST products and test services.

In support of the U.S and NATO Intelligence and Defense community, API, directly and in partnership with others, designs, builds, certifies and sustains trusted solutions that our clients rely upon for mission critical performance. Our corporate commitment to quality is evident in all phases of product development. From testing and manufacturing to program and lifecycle management, quality is our goal.

API also offers secure manufacturing and assembly for system integrators and manufacturers. TEMPEST, and mission customized systems have been our specialty for over 40 years. API produces over 20,000 TEMPEST and TSWG hardened products annually. Our cost-effective design, prototyping, testing and quality focused production has made API the leading global supplier of TEMPEST and cyber assured products.

## CUSTOMERS



U.S. Intelligence Community | Unified U.S. Military Commands  
U.K. Intelligence Community | Canada, Australia, New Zealand  
European | NATO member countries and Prime Contractors



## QUALITY ASSURANCE

ISO 9001:2015



## CONTACT US

To schedule a visit to API-CAS test facility or to simply learn more about our ability to assist call 410-312-5842 or e-mail [apitestservices@advprograms.com](mailto:apitestservices@advprograms.com).

