

api 
technologies corp.

a company overview
www.apitech.com

API Technologies



API Technologies designs, develops, and manufactures innovative electronic systems, subsystems, RF and microwave, secure systems, and Information Assurance products and solutions for defense, aerospace, and commercial applications.

Engineering & Innovation Focused

API is an engineering-focused organization that attracts and cultivates top engineering talent. This enables API to apply innovation and experience to every product and solution the company delivers.

International Footprint

With presence throughout North America, Europe, and Asia, the company offers customers easily accessible design centers and competitively priced manufacturing options.

Long-term Relationships

The company invests in and grows long-term partnerships with customers and partners, which include many of the world's largest defense, aerospace, and commercial companies.



Systems & Subsystems Solutions

From discrete products, to microcircuits, to payload subsystems, to complete systems solutions, API Technologies delivers market-leading technology that offers competitive advantage and superior reliability.



Engineered Systems

API develops and markets highly engineered systems and products, used for force protection, communication, surveillance, and reconnaissance. Solutions include Unmanned Aerial Vehicles (UAVs), Unmanned Ground Vehicle (UGV) systems, aiming systems, and synthesizers.



Engineering Services

API offers a wide range of design and engineering services for both defense and commercial customers. Areas of expertise include: payloads, ground control systems, RF, microwave, and millimeter wave. From concept to manufacturing, the API team is able to offer support at any stage of the product lifecycle.



Components & Subsystems

Custom designed and off-the-shelf subsystems from API support mission critical applications, such as communication equipment, aircraft subsystems systems, computer peripherals, process control equipment, and instrumentation. Products include custom hybrids, MIL-STD-1553, terminals, transistors, and magnetics solutions.



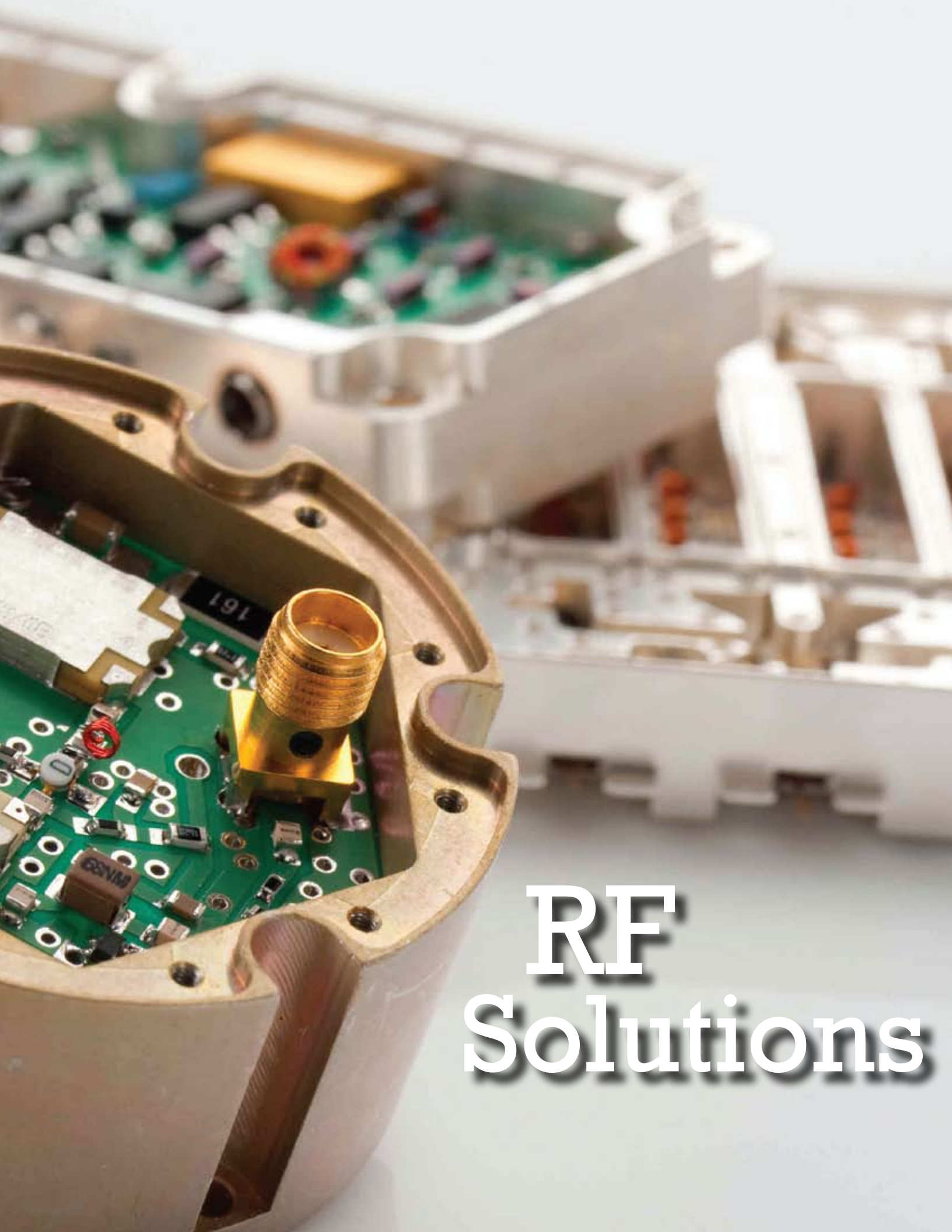
Sensors & Measurement

API offers a broad range of precision sensors and control products including position sensing solutions for precision guided munitions, gyros, accelerometers, and inertial measurement sensors for defense and aerospace applications, and position and temperature sensors for industrial and commercial applications.



Power Solutions

Whether used in data centers or the world's harshest environments, API's power products offer commercial and defense customers superior power, reliability, and energy efficiency. Products span power systems management, distribution, and panels, and custom-designed power supplies for defense and aerospace applications.



RF Solutions



API Technologies is the provider of choice for high-performance RF, microwave and millimeter wave solutions. In addition to offering the one of the world's largest selection of RF and microwave filters for high reliability applications, the company specializes in the development of custom Integrated Microwave Assemblies (IMAs).

Other featured products include amplifiers, mixers, frequency sources, thin film designs, and microwave build to print solutions. Whether seeking a high performance component or a state of the art system solution to meet a unique requirement, customers in the defense, industrial, and commercial industries leverage API Technologies' products to support a wide variety of critical applications.



Secure Systems & Information Assurance

Whether you are on the front-lines of the battlefield, at government headquarters, or a business enterprise – securing information needs to be one of your most important priorities. For decades, API Technologies and its SSIA brands have been doing just that -- helping governments, warfighters, and civilian businesses keep mission-critical information safe.

TEMPEST & Emanation Security

As the world's largest developer of TEMPEST & Emanation Security solutions, API safeguards the world's most sensitive information by shielding government IT systems and confidential data. Through its brands API Cryptek (US), EMCON Emanation Control (Canada), and Secure Systems & Technology (Europe), API has developed pioneering techniques for protecting electronic devices by limiting the stray signals and electromagnetic waves they produce. API's broad range of emanation security products that meet NSTISSAM include: computing systems, ruggedized systems, network communications systems and office systems. Emanation security products are available to meet both USA NSTISSAM and NATO SDIP-27 TEMPEST standards.

Secure Networking

Securing information that comes into, and lives on, the network remains a critical objective to both business and government enterprises. Security appliances and software from API intelligently enable secure information sharing and systems management across organizations and technologies. From solutions that

allow secure vendor access to your network or securing previously non-secure office equipment, API is always looking at ways to ensure your information stays your information.

Secure networking products from API aid in compliance with a wide-variety of requirements/standards including: Homeland Security Presidential Directive 12 (HSPD-12), Payment Card Industry Data Security Standards (PCI DAA), Sarbanes-Oxley (SOX), Gramm-Leach-Bliley Act (GLBA), Health Insurance Portability and Accountability Act (HIPAA), Federal Information Processing Standards (FIPS), and Joint Interoperability Test Command (JITC) testing.

Cryptography

New changes from the National Security Agency (NSA) as part of the Cryptographic Modernization Program are authorizing new cryptographic algorithms (Suite B) to protect classified and unclassified information. By utilizing the Internet Protocol Security Minimum Essential Interoperability Requirements (IP-MEIR) API has developed encryption devices to meet emerging security requirements.



Electronics Manufacturing Services



API provides design engineering and contract electronic manufacturing services (EMS) for commercial/industrial, energy, medical, military, and telecommunications customers worldwide. By combining advanced engineering intelligence and keen knowledge of cost efficiencies, API delivers unparalleled quality, while giving customers a competitive edge.

Design & Engineering Services

With its broad breadth of engineering and design expertise, API is prepared to support customers' projects from concept to completion. The API team regularly partners with customers on joint engineering efforts, product prototypes, and design engagements. The understanding API engineers have of the manufacturing process allows them to leverage DFM/DFA/DFT (Design for Manufacturability / Design for Assembly / Design for Test) principles in the early design stages to ensure seamless, turnkey production.

New Product Introduction (NPI)

The company's specialized expertise in the area of rapid prototyping helps customers convert designs into proof of concept PCB assemblies that can rapidly transition into full-scale production. A dedicated NPI team, in

a specially outfitted facility, supports customers with PCB layout, BOM scrubbing, documentation verification, material management, rapid prototyping, initial pilot builds, test, and turnkey box build (subassembly or final assembly). Utilizing the company's award-winning DfX (Design For Excellence) methodology, the team works with customers every step of the way to ensure reliability and reduced total lifecycle costs through streamlined production.

Flexible Manufacturing Options

For build to print projects, API offers a variety of domestic and off-shore options to meet customers' project needs and budget. Selected services include PCB assembly, box build (PCB subassembly or final product assembly) and electromechanical assembly, up to full turnkey production. Other featured manufacturing capabilities include: High-speed SMT board assembly; fine pitch component placement; BGA and Micro-BGA; mixed technologies (SMT and Through-Hole), 100% material procurement, 100% consigned materials management or mix of both; dedicated program management; and in-process and post-assembly verification.

Certifications

- ISO 9001:2008 certified facilities
- AS-9100 certified facilities
- Capability to meet demanding military and aerospace requirements
- RoHS-compliant products available



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