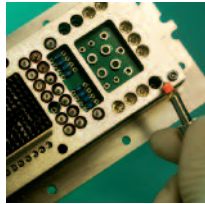
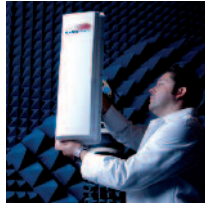




Smiths in the United States

smiths
bringing technology to life



Welcome to Smiths

Smiths Group is a world leader in the practical application of advanced technologies. Across the United States, Smiths Group delivers products and services for security and inspection, medical, energy, communications and engineered components markets. Our products and services make the world safer, healthier and more productive.

Contents

- 1 Introduction from Philip Bowman
- 2 Financial performance: continuing activities
- 4 Where we operate in the US
- 6 Smiths divisions
- 8 Smiths Detection
- 9 John Crane
- 10 Smiths Medical
- 11 Smiths Interconnect
- 12 Flex-Tek
- 13 US fact file
- 14 Innovations by Smiths
- 16 Special Security Agreement



Introduction from Philip Bowman

At Smiths Group we are proud of the work we do in the United States. We have outstanding people who help meet extreme challenges every day. We work closely with America's critical agencies and we pride ourselves on helping our customers meet their key objectives.



Our businesses are rooted in the United States. Four of Smiths Group's five divisions are headquartered here, and overall the US accounts for roughly half our people, half our capital base and half our sales.

Smiths is one of the world's leading technology companies. Across the broad sweep of our endeavors, serving our valued customers in the US is absolutely core to our mission. We are a trusted partner of key US agencies, such as the Departments of Defense and Homeland Security, as they work to meet national security objectives. Our medical products are essential to the daily treatment of millions of Americans. In the oil, telecommunications and engineering industries, products which we design and manufacture in the US continue to solve tough challenges and to set new standards for quality, reliability and flexibility.

With at least one major Smiths facility in 40 States, our businesses have been an integral part of American life for decades – securing jobs, creating new opportunities, boosting local economies and contributing to community life in many rich and varied ways.

This booklet sets out why Smiths is proud to be part of the American landscape. I encourage you to find out more about our achievements and our enduring commitment to the US.

Philip Bowman

Financial performance: continuing activities

Smiths Group sales

\$4.2bn

Smiths Group headline
operating profit

\$660m

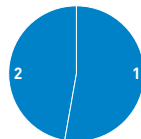
US sales

\$2.2bn

US headline operating profit

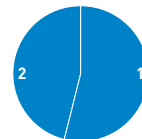
\$409m

Smiths Group sales by destination



1 North America 53%
2 Rest of World 47%

Smiths Group location of assets



1 North America 54%
2 Rest of World 46%
Analysis excludes cash
and cash equivalents

Total US employees

9,000

Total US exports

\$464m

Total US taxes

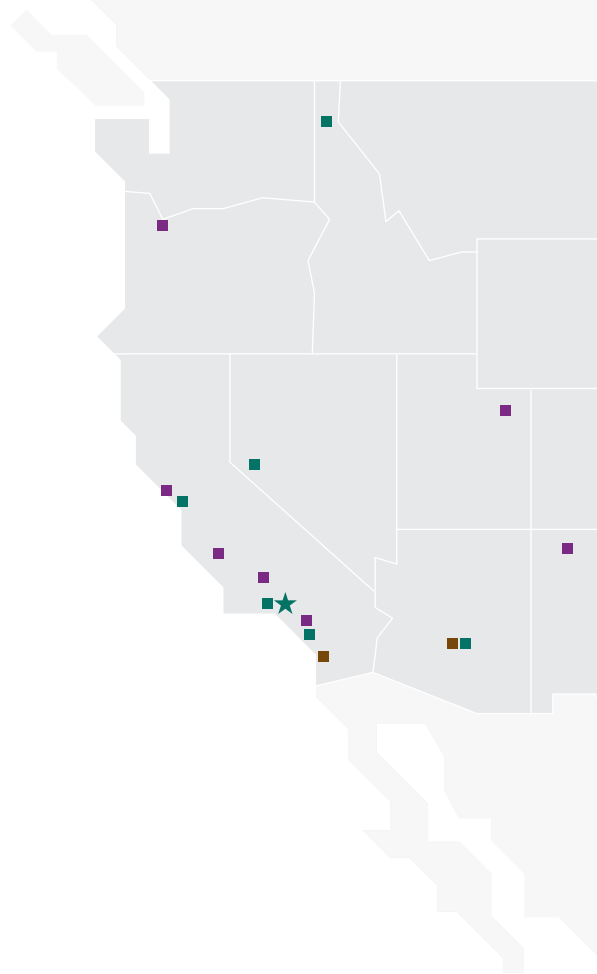
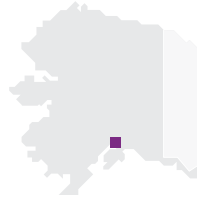
\$218m

Total US states
engaged

40

Where we operate in the US

Smiths Group businesses are rooted in the United States. Approximately half our people, half our capital base and half our sales are located in the US, and this is reflected in our structure: four of our five divisions are headquartered in the US.



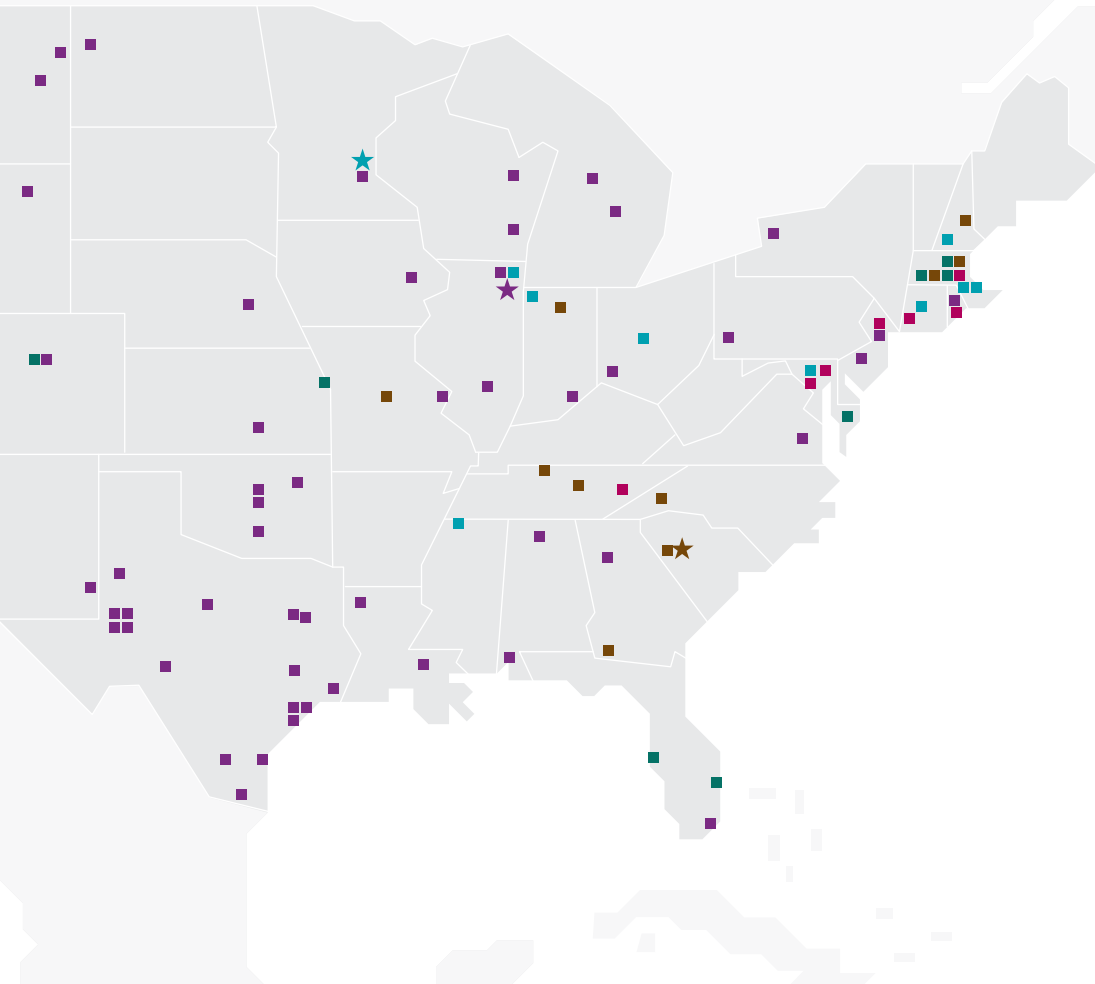
US divisional sales



- 1 Smiths Detection 21%
- 2 John Crane 17%
- 3 Smiths Medical 31%
- 4 Smiths Interconnect 17%
- 5 Flex-Tek 14%

Major manufacturing, service and office locations by division

- Smiths Detection
- John Crane ★ Global HQ
- Smiths Medical ★ Global HQ
- Smiths Interconnect ★ Global HQ
- Flex-Tek ★ Global HQ



Smiths divisions

Smiths Group has five divisions: Smiths Detection, John Crane, Smiths Medical, Smiths Interconnect and Flex-Tek. Our businesses are highly competitive, with strong technology positions, and operate in sectors with excellent opportunities for growth.

We bring technology to life.



Smiths Detection

Smiths Detection is a world-leading designer and manufacturer of sensors that detect and identify explosives, narcotics, weapons, chemical agents, biohazards and contraband.

John Crane

John Crane is a world-leading provider of products and services for the major process industries. These include the oil and gas, power generation, chemical, pharmaceutical, pulp and paper, and mining sectors.



Smiths Medical

Smiths Medical is a leading supplier of specialist medical devices and equipment for global markets. Our products are focused in the medication delivery, vital care and safety devices market segments.



Smiths Interconnect

Smiths Interconnect is a recognized leader in technically differentiated electronic components and sub-systems providing signal, power and microwave solutions. Our products connect, protect and control critical systems for wireless communications, aerospace, defense, space, medical, rail and industrial markets.



Flex-Tek

Flex-Tek provides engineered components that heat and move fluids and gases for the aerospace, medical, industrial, construction and domestic markets.

Smiths Detection

Smiths Detection is a world leading designer and manufacturer of sensors that detect and identify explosives, weapons, chemical agents, biohazards, radiation, narcotics and contraband.

US employees

800



Stephen Phipson
President

US sales 2009

\$448m

US square footage

310,000

Our technology helps customers in the global transportation, ports and borders, critical infrastructure, military and emergency responder markets. We have the most comprehensive range of detection technologies in the world, including X-ray, trace detection, millimeter-wave, infra-red, biological identification and diagnostics.

Customers

A significant majority of sales are influenced by more than 100 governments and their agencies, including homeland security authorities, customs authorities, emergency responders and the military. These include the US Department of Defense and the US Transportation Security Administration (TSA).

Principal US locations

Connecticut
Maryland
Massachusetts
New Jersey
New York
Rhode Island
Tennessee
Virginia

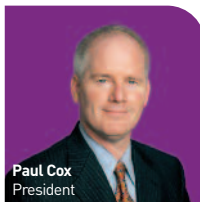


John Crane

John Crane is a world-leading provider of products and services for the major process industries. These include the oil and gas, power generation, chemical, pharmaceutical, pulp and paper, and mining sectors.

US employees

1,800



Paul Cox
President

US sales 2009

\$372m

US square footage

1.6m

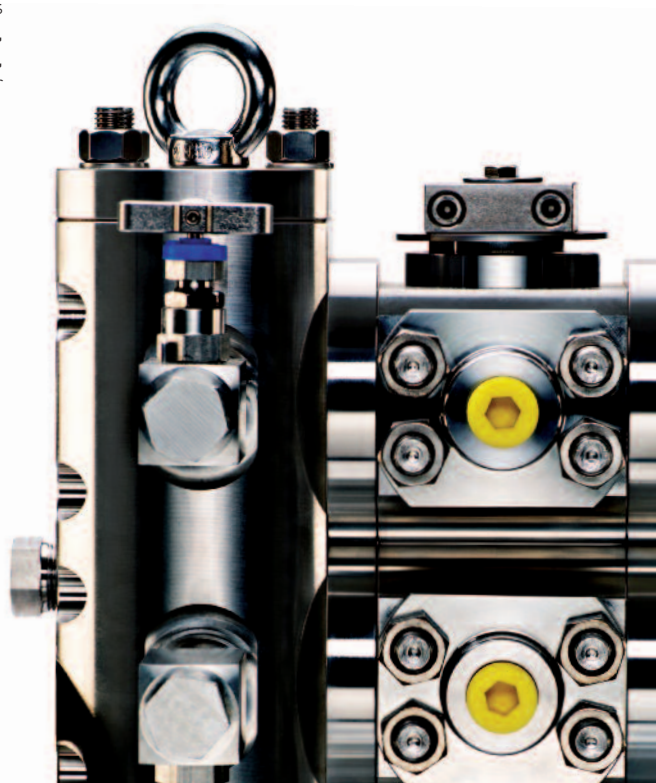
We help to enhance customer productivity by providing advanced technology mechanical products and performance-enhancing services backed by an exceptional global network.

Customers

John Crane serves oil & gas and power generation companies, refineries, pump and compressor manufacturers, chemical and other process industries. Its main customers include Chevron, ConocoPhillips, ExxonMobil, Dresser, Elliot, Flowserve, GE Energy and Power, ITT, Solar Turbines, Sulzer, York, Dow and LyondellBasell.

Principal US locations

Alabama	Ohio
Alaska	Oklahoma
California	Oregon
Colorado	Pennsylvania
Florida	Rhode Island
Georgia	Texas
Illinois	Utah
Indiana	Virginia
Iowa	Wisconsin
Kansas	Wyoming
Louisiana	
Michigan	
Minnesota	
Missouri	
Montana	
Nebraska	
New Jersey	
New Mexico	
New York	
North Dakota	



Smiths Medical

Smiths Medical is a leading supplier of specialist medical devices and equipment for global markets.

US employees

3,200



Srin Seshadri
President

US sales 2009

\$684m

US square footage

1.2m

In medication delivery, our devices help treat cancer patients and provide relief to those in pain. Our vital care products reduce hospital-acquired infections, manage patients' airways before, during, and after surgery, maintain body temperature and assist reproduction through IVF therapy. Our safety products keep health workers safe by helping prevent needlestick injuries and reducing cross-infections.

Customers

We estimate that around three-quarters of our end customers are hospitals, with the remainder comprising the alternate care market such as home care, clinics and other surgery centers. We have a direct sales presence in 20 countries, with distribution arrangements in many others.

Principal US locations

Connecticut
Illinois
Indiana
Massachusetts
Minnesota
Mississippi
New Hampshire
Ohio

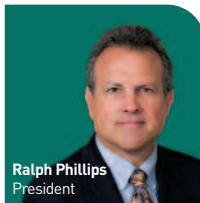


Smiths Interconnect

Smiths Interconnect is a recognised leader in technically differentiated electronic components and sub-systems providing signal, power and microwave solutions.

US employees

1,870



Ralph Phillips
President

US sales 2009

\$362m

US square footage

614,000

We design and manufacture products that connect, protect and control critical systems for the global wireless telecommunications, aerospace, defence, space, medical, rail and industrial markets.

Our products are application-specific and incorporate innovative technologies providing our customers with a competitive advantage.

Customers

Smiths Interconnect supplies to multiple levels of the supply chain and its blue chip customers include primes and service providers, OEMs, system suppliers and sub-system manufacturers. Amongst our largest customers are Raytheon, Boeing, AAI/Textron, Northrop Grumman, General Dynamics, Lockheed Martin, Motorola, AT&T, Verizon, Sprint Nextel, Emerson, ZTE and GE Medical.

Principal US locations

Arizona
California
Colorado
Florida
Idaho
Kansas
Maryland
Massachusetts
Nevada



Flex-Tek

Flex-Tek is a global provider of engineered components that heat and move fluids and gases for the aerospace, medical, industrial, construction and domestic appliance markets.

Our flexible hosing, rigid tubing, and thermal systems are deployed on commercial and military aircraft for fuel and hydraulic applications and medical devices for patient care. They also improve the performance of domestic appliances such as clothes tumble dryers, vacuum cleaners and HVAC equipment.

Customers

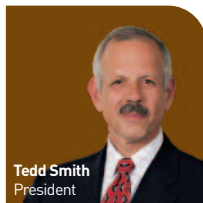
We serve mainly aerospace engine and airframe manufacturers, domestic appliance manufacturers and the US construction industry. Large customers include Whirlpool, Electrolux, Trane, Carrier, Boeing, Airbus, Pratt & Whitney, GE Aerospace, and Respirationics.

Principal US locations

Arizona
California
Georgia
Indiana
Massachusetts
Missouri
New Hampshire
North Carolina
South Carolina
Tennessee

US employees

2,000



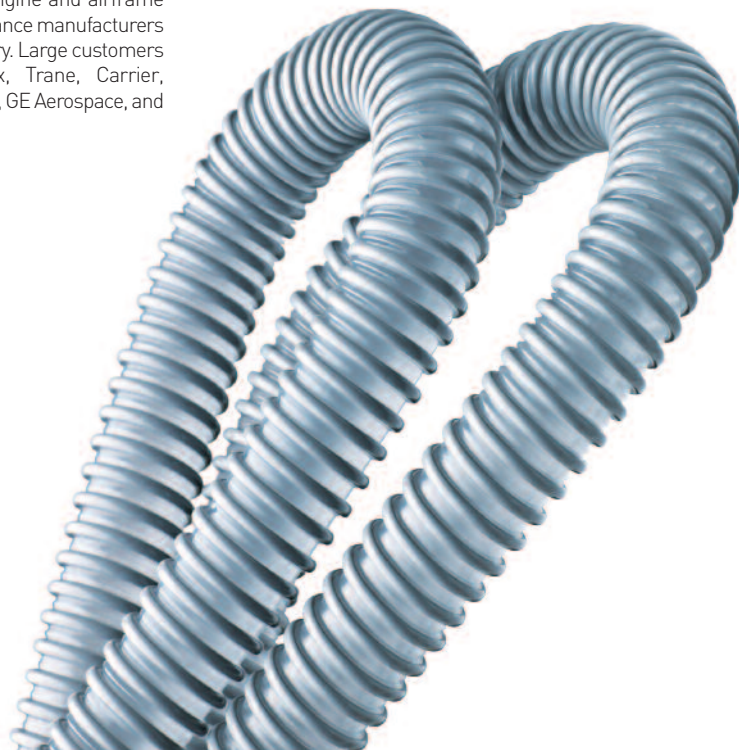
Tedd Smith
President

US sales 2009

\$307m

US square footage

1.5m



US fact file

Smiths Detection

Major Federal commercial programs:

- Baggage screening systems in 350 of the country's airports. (TSA)
- Principal supplier for U.S. NII Customs program. (CBP)
- Protection systems for 9,000 Federal buildings. (FPS)
- Protection systems for all US Embassies and Consulates worldwide. (Department of State)
- Screening Systems for all Courthouses. (U.S. Marshals)
- FBI: Protection systems for all offices.
- White House screening systems, for visitors and materials. (Secret Service)
- U.S. Capitol campus screening systems. (Capitol Police)

- Selected to fulfil Joint Chemical Agent Detector program. (DoD)
- Selected to fulfil Meteorological Measuring Set-Profiler program. (DoD)
- Selected to fulfil Chemical Biological Protective Shelters program. (DoD)

Development programs:

- DNDO – Radiation detection and sensor systems.
- TSA – Advanced Technology program.
- DoD – Next Generation Chemical Standoff Detector program.
- DoD – UAV Chemical agent detection program.
- Brandeis University – Smiths Detection has fully funded development of tests for infectious diseases in both animals and humans. NIH grants awarded to develop further tests.

Smiths Medical

US Health & Human Services:

- Major US flu preparedness program.

Smiths Interconnect

Major US programs:

- Telecommunications: Power and RF protection products, backhaul antennas and network optimisation solutions for the build out of new 4G and LTE mobile telecommunications networks.
- Rail: Transient over voltage and lightning protection solutions for rail's communications and critical signalling markets with focus on the US government mandated Positive Train Control (PTC) system.
- Medical: Preferred supplier of power conditioning systems for major cancer treatment equipment manufacturer.

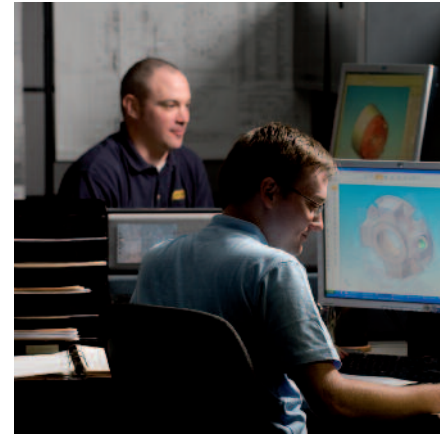
- Military: EMP/HEMP protection and hardening of strategic command and commercial infrastructure.
- Satellite Communications: next generation of antenna systems for the US Navy and airborne mounted antennas for broadband connectivity for commercial and military aircraft.
- Unmanned Aerial Vehicles (UAVs): mobile directional antenna systems providing ground to air datalinks for multiple US Army and USMC.

Innovations by Smiths



Expanding in the US

Our Edgewood, Maryland, facility almost doubled in size to 130,000 square feet in a \$3.5m expansion designed to fulfil new orders from the Department of Defense. These include vehicle integration programs, such as the Chemical Biological Protective Shelter and the Profiler which gathers real-time meteorological data to assist situation assessment and awareness. The plant expansion has also allowed increased production of JCAD, the advanced chemical agent detector designed to help safeguard troops by automatically detecting chemical threats and toxic industrial chemicals.



Global service, local support

When a major customer in Chile had to close its gas refinery in June because of damaged compressor seals, prospects for a quick resumption of output looked bleak. Local spares were unavailable and H1N1 flu-related travel restrictions meant specialists could not be sent. However, technicians at John Crane's headquarters in Morton Grove near Chicago, tapping into global experience and using advanced web-based communications, helped Chilean engineers locate the damage, repair it and rebuild the seals within days. Once installed, they worked perfectly and the plant was able to resume full production.



Pandemic preparedness

Manufactured in Keene, New Hampshire, production of Smiths Medical's EDGE™ range of safety syringes has been stepped up as the US Government prepares to combat the spread of H1N1 flu. The Department of Health and Human Services (HHS) placed an order that could reach \$10m as part of its national flu preparedness efforts. The EDGE™ syringes, which maximize vaccine delivery through elimination of 'dead space' in the hypodermic chamber, can be activated single-handedly, reducing the chance of needlestick injuries to medical staff.

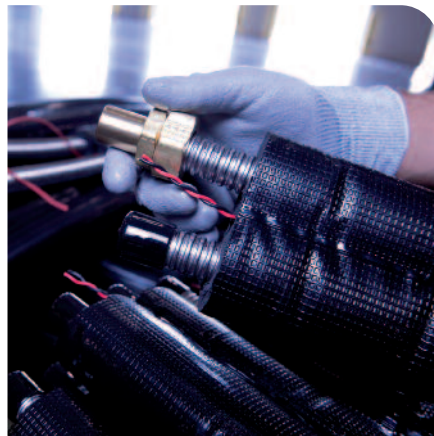


Microwave filters for 'Force Protection' systems

The nature of irregular warfare has caused 'Force Protection' systems to become a high-priority and well-funded segment of defence budgets.

Through its Maryland-based Lorch Microwave business, Smiths Interconnect provides microwave filters that are incorporated into various systems which counter radio-controlled improvised explosive devices that have been rapidly deployed to areas of conflict.

In addition to ground-based systems, Smiths Interconnect provides components and sub-systems for force protection applications in use on a variety of fixed and rotary wing military platforms.



FlexSure Solar Tubing

Recognizing the rising demand for energy efficiency Flex-Tek has successfully adapted its manufacturing to produce freeze-protected tubing for use in solar water heating systems. FlexSure Solar Tubing, made of stainless steel, flexible and highly resilient in extreme weather, helps connect the supply and return lines between a solar thermal panel and hot water storage tank. A typical residential solar water-heating system reduces the need for conventional water heating by about two-thirds. It both cuts the cost of electricity or fossil fuel needed to heat the water and reduces the impact on the environment.

Special Security Agreement

Many of Smiths Group's key US facilities and employees hold US Government security clearance.

Since 1987, the US Department of Defense has established a number of Special Security Agreements (SSA) with Smiths. An SSA is overseen by a specified Board of Directors and Government Security Committee that set requirements for the operation of the Smiths companies in the US with security clearance.

For example, all key management personnel are US citizens, with the most senior also having security clearance. Smiths employees who are not US citizens are subject to a strict system of visit approval and control. Each location maintains technology control plans for non-US employees and long-term visitors with on-site ID badges to highlight non-US visitors and employees. An Export-Import Compliance Program maintains control over technology, and an electronic communications/email oversight program maintains electronic security.

Smiths Detection has two facilities in the US with security clearance.

- Smiths Detection US, LLC (Corporate Office, Germantown, MD)
- Smiths Detection, Inc. – Edgewood, MD

Smith Interconnect has six facilities in the US with security clearance.

- Smiths Interconnect, Inc (Corporate Office, Germantown, MD)
- Lorch Microwave – Salisbury, MD
- Channel Microwave – Camarillo, CA
- Millitech – Northampton, MA
- TRAK Microwave – Tampa, FL
- TECOM Industries – Thousand Oaks, CA
- Transtector Systems Inc. – Hayden, ID



smiths

Smiths Group
20501 Seneca Meadows Parkway
Germantown
Maryland 20876
USA
www.smiths.com