



What We Do

ITT Space Systems Division provides innovative remote sensing and GPS Navigation solutions to customers in the Department of Defense, Intelligence, Earth and Space Science, and Commercial Aerospace to help them visualize and understand critical events happening on the earth, in the air, or in space in time to take effective action. Leveraging comprehensive capabilities within the electromagnetic spectrum, ITT Space Systems Division's solutions span from image and data collection through processing and dissemination. Key applications include Intelligence, Surveillance and Reconnaissance; High-Resolution Commercial Imaging; Climate and Environmental Monitoring; Space Science; GPS Navigation; Decision Support Solutions; Space Control and Missile Defense.

Primary Markets

- Department of Defense
- Intelligence
- Earth and Space Science
- Commercial Aerospace

Primary Applications

Customers in the Department of Defense, Intelligence, National Aeronautics and Space Administration (NASA), National Oceanic and Atmospheric Administration (NOAA), and Commercial Aerospace rely on our solutions to help them visualize and understand critical events happening on the earth, in the air, or in space in time to take effective action. Key applications include:

- **Intelligence, Surveillance and Reconnaissance**
The intelligence and defense communities depend on ITT Space Systems Division for the ability to collect images and related information critical to our national security. A partial list of our leading-edge capabilities includes space-qualified remote sensing payloads; space-based sensors; active and passive control of dynamic environments; high-precision, ultra-lightweight optically stable mirrors and mounts; and large optics and mirror processing.
- **High-Resolution Commercial Imaging**
ITT Space Systems Division designs and builds high-performance, space-borne imaging systems that gather information about the earth. This high-quality imagery information is used in applications from municipal planning and development to environmental monitoring. Services provided by ITT Space Systems Division also process that imagery, generate value-added information products, and deliver information products via the Internet and other media.
- **Climate and Environmental Monitoring**
For over 40 years, ITT has been a world leader in advanced climate, weather and environmental monitoring sensors, systems, subsystems and software. ITT space sensors have been on every NOAA polar weather satellite since NOAA began flying satellites in the 1970s and we continue leading the way providing instruments for NOAA's next generation of weather satellites. Our proven-reliable solutions allow you to anticipate nature's next move, whether it's in the next hour, the next year, or the next century.
- **Space Science**
Technologies and systems developed by ITT Space Systems Division provide scientists and researchers with imagery and data needed to understand our universe. With precision optical components for ground-based telescopes; electro-optical systems for space-based observatories;

Engineered for life

cameras to image the moon; imaging sensors for space exploration, ITT Space Systems Division helps the public and private sectors view the stars, planets, and galaxies.

- **GPS Navigation**

With over 35 years of 100% on-orbit mission success, ITT is a total GPS navigation systems supplier providing high-performance, reliable, cost-effective GPS payload, receiver and control solutions. Leveraging our experience and industry-leading visualization capabilities, our GPS systems offer superior accuracy and functionality across the entire GPS network.

- **Decision Support Solutions**

In addition to superior image and data collection capabilities, ITT Space Systems Division provides solutions that help analysts process and disseminate images and data allowing end users to take quicker more effective action. These solutions leverage and include leading software technologies, which provide data visualization, image processing and data analysis capabilities.

- **Space Control & Missile Defense (SCMD)**

ITT Space Systems Division's SCMD systems are used in support of our nation's space control, antimissile defense and operationally responsive space programs and initiatives.

Employees and Facilities

Headquartered in Rochester, N.Y., ITT Space Systems Division employs over 2,400 people worldwide at locations throughout the U.S., including Washington, D.C., Clifton, N.J., Ft. Wayne, Ind. and Boulder, Colo.

History

ITT's Space Systems Division offers more than 50 years of experience and is a leader in remote sensing. From the lunar orbiter missions of the 1960s to the James Webb Space Telescope, ITT has been helping NASA and other government and commercial customers visualize and understand critical events happening on earth, in the air, or in space in time to take effective action with innovative solutions.

About ITT

ITT Space Systems Division is part of ITT Defense, a team of more than 15,000 people working around the world with one mission, to provide government and commercial customers with superior solutions for communications, sensing and surveillance, space and advanced engineering and integrated services. ITT Defense is part of ITT Corporation, a diversified high-technology engineering and manufacturing company dedicated to creating more livable environments, enabling communications and providing protection and safety. The company plays an important role in vital markets including water and fluids management, global defense and security, and motion and flow control. ITT employs approximately 40,000 people serving customers in more than 50 countries. Headquartered in White Plains, N.Y., the company generated \$11.7 billion in 2008 sales. To learn more, visit www.itt.com.

For More Information on ITT Space Systems Division

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