

Moving Technology to the Commercial Marketplace

MITRE's Technology Transfer Office








MITRE's Technology Transfer Program was established in 1999 to place MITRE-developed technologies in the hands of commercial companies that can make them available to its sponsors and the public as supported, affordable products. Working on critical issues of national importance, MITRE continues to develop new and innovative technologies.

The Technology Transfer Office (TTO) is an integral part of the technology transfer process, which also includes the legal office, chief engineers, and MITRE's research community. The combined efforts of the technical, legal, and business staff increase the value of MITRE's innovations by sharing them with the public.

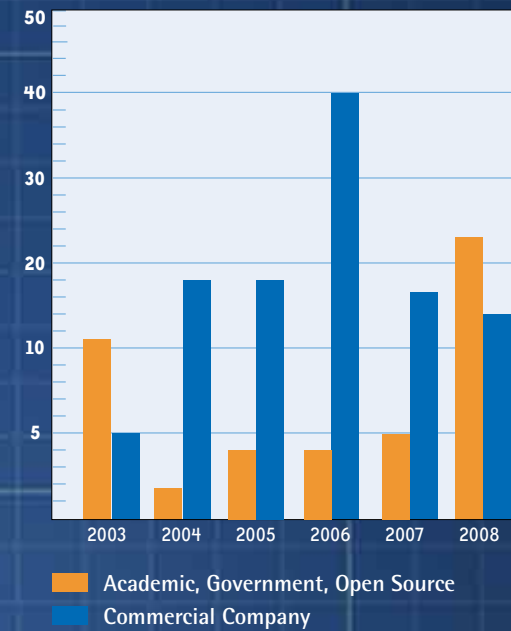
Technology Transfer Delivers Value in the Public Interest

As MITRE focuses on providing solutions to critical issues of national importance, its researchers often come up with new technologies or applications that can be applied to more than one sponsor or commercial area, as well as to academia or other outside organizations, both domestically and globally. Transferring the results of MITRE's research and development to the public through licensing, open source releases, or publications ultimately serves its sponsors.

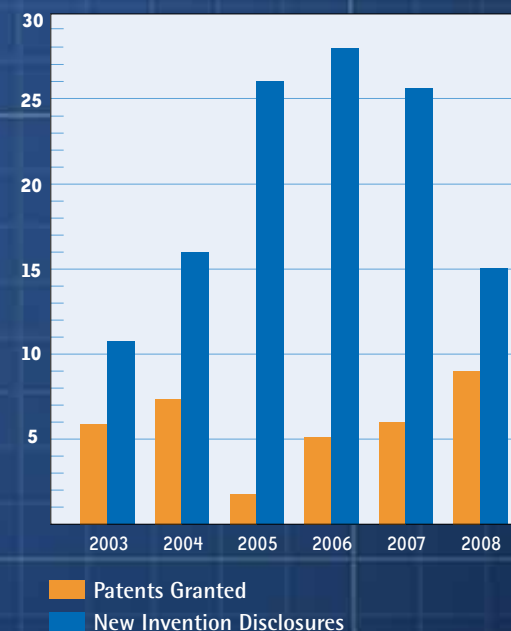
Technologies Licensed During 2008

-  **RiskNav and RiskMAP** – Two related technologies, RiskNav and RiskMAP, support risk management in industries critical to the nation's infrastructure by providing the ability to collect, analyze, prioritize, monitor, and visualize risk information in a collaborative fashion.
-  **Universal Access Transceiver (UAT) Beacon Radio** – This digital radio system significantly increases situational awareness for smaller aircraft and other aircraft operating in the lower altitudes of the national airspace.
-  **Terminal Area Route Generation Evaluation and Traffic Simulation (TARGETS)** – Major airlines are using TARGETS, a design and simulation tool for air navigation routes and procedures, to develop new arrival and departure routes in real time.
-  **Runway Simulator** – This simulation-based modeling system is designed to help the Federal Aviation Administration find the most efficient ways to operate complex runway systems. In less than an hour, the system can be configured to simulate traffic streams for a set of runways at one or more airports.
-  **AviationSimNet** – This tool creates a broad and rich simulation environment for aviation researchers to explore and validate the next generation air traffic control system. It addresses the aviation community's need to quickly connect various capabilities to answer complex operational questions through distributed simulations. AviationSimNet has become an industry standard.
-  **Safety Management System (SMS) Courseware** – SMS Courseware provides participants with both a solid foundation in basic SMS concepts and supports further SMS implementations within an organization.
-  **The MITRE Anonymization Tool** – This tool can be used to de-identify patient data in electronic health records. Its re-synthesis engine can transform de-identified data into realistic, readable, and protected training data. It also contains an experimental infrastructure for defining, running, and scoring anonymization experiments.

License Activity



Patent Activity



New Invention Disclosures and Patents

The TTO's continued outreach to MITRE researchers has effectively increased participation and awareness of the company's Technology Transfer Program. In 2008, 15 new inventions were disclosed to the TTO.

Also in 2008, MITRE filed 16 patent applications with the United States Patent and Trademark Office, and eight patents were issued for MITRE technologies.

Innovation is a high priority at MITRE and the company expects a healthy pipeline of intellectual property disclosures and patent applications for the foreseeable future.

Delivering the Message

The TTO communicates with MITRE researchers in various forums about the benefits of protecting MITRE's intellectual property and transferring its technology for wider use. The TTO also communicates with industry through such events as the Innovation Exchanges in McLean, Va.; Bedford, Mass.; Huntsville, Ala.; and Washington, D.C. These events also provide the TTO with the opportunity to speak with entrepreneurs, venture capitalists, service providers, and others who may be interested in licensing MITRE's technology.

MITRE continues to build upon its successful licensing agreements, growing its technology portfolio and leveraging its relationships with the business community nationally. MITRE's continued effort to make its technologies available for the benefit of its sponsors and the public illustrates its commitment to working in the public interest.

About MITRE

The MITRE Corporation is a not-for-profit organization that provides systems engineering, research and development, and information technology support to the government. It operates federally funded research and development centers for the Department of Defense, the Federal Aviation Administration, the Internal Revenue Service and Department of Veterans Affairs, and the Department of Homeland Security, with principal locations in Bedford, Mass., and McLean, Va.

The MITRE Corporation
Technology Transfer Office
7515 Colshire Drive
McLean, Va. 22102-7539

Phone: 703-983-6053
Email: techtransfer@mitre.org
www.mitre.org/work/tech_transfer/



technology transfer office

© 2009, The MITRE Corporation. All rights reserved.
Approved for public release: 09-1470.
Distribution unlimited.



technology transfer office

Technology Transfer Office *2008 Summary Report*

MITRE