

Resources for Industry

2 January 2013

TARDEC

- **TARDEC Ground Vehicle Gateway** - Submit your ground vehicle systems technology concepts, ideas and innovations to TARDEC using the electronic submission form. Your submission will be treated confidentially, and a TARDEC technologist will thoroughly evaluate your proposal.
 - <https://tardec.groundvehiclegateway.com>
- The **Small Business Innovation Research (SBIR)** program funds R&D by U.S. owned and operated businesses of less than 500 employees. The three-phase SBIR Program directly funds up to \$1.15 million in early-stage R&D. Eligible projects must fulfill an R&D need identified by the DoD and have the potential to be developed into a product or service for commercial or defense markets. The DoD Components issue three SBIR solicitations each year describing their R&D needs and inviting small businesses to submit proposals.
 - <http://www.acq.osd.mil/osbp/sbir/>
- **Cooperative Research And Development Agreements (CRADA)** are established between federal laboratories and commercial, academic or nonprofit partners to facilitate technology transfer between the parties. Under a CRADA, the partner may contribute resources such as personnel, services, property and funding to the effort. The government can contribute all the above, except funding.
 - <http://tardec.army.mil/business/crada.aspx>
- A **Test Services Agreement (TSA)** is a technology transfer mechanism that enables federal laboratories to perform work for hire. Under a TSA, a federal laboratory performs a test or technical service for a fee. The fee must cover all direct and indirect costs. Unlike a CRADA, a TSA is not a joint research and development (R&D) effort. All inventions and data belong to the TSA partner. A TSA requires minimal effort to execute and can be enacted in a reasonably short time. TSAs must involve some unique government capability and present no undue competition with the private sector.
 - <http://tardec.army.mil/business/testservices.aspx>
- **Diminishing Manufacturing Sources and Material Shortages (DMSMS)**, the loss of sources of items or material, surfaces when a source announces the actual or impending discontinuation of a product, or when procurements fail because of product unavailability. The goal of the Army DMSMS program is to provide a comprehensive and coordinated program that supports efficient and effective resolutions of obsolescence and/or non-availability and/or single source issues. The industrial base program will implement DMSMS procedures relative to non-availability and obsolescence of specialty chemicals, materials, parts, and end items.
 - http://www.dmsms-tardec-army.com/dmsms_index
- **High-Efficiency Truck Users Forum** is a national program to speed the commercialization of medium- and heavy-duty hybrid and high-efficiency technologies. It is operated by CALSTART in partnership with the U.S. Army's National Automotive Center (NAC), with project support from the Hewlett Foundation and the Department of Energy. HTUF has been very successful in helping launch the first production of hybrid trucks and is credited with cutting up to two years from product development.
 - www.htuf.org
- **TARDEC OMNIBUS Contract** page is the source of information pertaining to OMNIBUS buys, including awarded task orders, forecasted buys, updates, and general information.
 - <http://contracting.tacom.army.mil/research/omnibus/tardecomnibus.htm>
- **TARDEC upcoming events**
 - <http://tardec.army.mil/events.aspx>

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TACOM/PEO

- Check the **TACOM Procurement Network** (PROCNET) website regarding announcements of contract opportunities.
 - <http://contracting.tacom.army.mil>
- **TACOM LCMC Office of Small Business Programs:**
 - <http://contracting.tacom.army.mil/sbo/sbo.htm>
- For more information on **Small Business programs**, contact the TACOM LCMC Office of Small Business Programs via telephone at (586) 282-5388, via fax at (586) 282-5381 or via e-mail at:
 - Usarmy.detroit.tacom.mbx.lcmc-osbp@mail.mil
- A listing of the **Prime Contractors** involved in producing vehicles for the Army, along with contact information:
 - <http://contracting.tacom.army.mil/sbo/primecontractor.htm>
- For a possible opportunity to demonstrate your technology, consider applying to the Army's **Enterprise Market Investigation Process** (EMIP). More information on EMIP can be found at <http://peocscss.tacom.army.mil/EMIP.html>
- To get your commercially available product on an Army Qualified Parts List, visit the **TACOM Competition Management Office** website.
 - <http://contracting.tacom.army.mil/compmt/competition.htm>

Department of Defense

- The **Procurement Technical Assistance Centers** (PTACs) are partially funded by the Defense Logistics Agency. They provide regional assistance to small businesses to obtain DoD contracts for their clients. Click on 'Find a PTAC' to find your local PTAC.
 - www.aptac-us.org
- **Defense Innovation Marketplace** – centralized online platform that gives the defense industrial base the opportunity to securely showcase their independent Research & development (IR&D) projects to more Department of Defense customers than previously possible.
 - www.defenseinnovationmarketplace.mil
- **ASSIST** is the official source for specifications and standards used by the Department of Defense to develop, coordinate, and manage defense and federal specifications and standards, military handbooks, commercial item descriptions, data item descriptions, and related technical documents in accordance with the Defense Standardization Program (DSP).
 - <https://assist.daps.dla.mil/online/start/>
- **DoD TechMatch** is a web-based portal designed to provide industry and academia a Department of Defense-sponsored solution to find Research & Development Opportunities, Licensable Patents, and information on approximately 120 DoD Labs located across the United States. Registered users will receive a daily e-mail taking them to their matching R&D opportunities from FedBizOpps, Grants.gov, and SBIR/STTR solicitations.
 - www.dodtechmatch.com
- **TechLink** - helps the US Department of Defense and other organizations to commercialize leading-edge new technology by partnering their labs with private sector companies for technology licensing and research and development.
 - <http://techlinkcenter.org>

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- **SpringBoard** is a partner of the US Department of Defense to develop partnerships that result in transfer, commercialization and transition of technologies developed by DoD laboratories and private industry; support K-16 educational programs in science, technology, engineering and mathematics (STEM); help existing companies identify and screen appropriate DoD technologies which can be licensed and commercialized; and identify new technologies in the private sector which can be utilized by DoD
 - www.gospringboard.org
- **FirstLink** helps the Department of Defense connect with private sector companies and entrepreneurs to advance technologies for our nation's First Responders.
 - www.dodfirstlink.com
- **MilTech** provides hands-on product design, prototyping, technology scouting, and manufacturing assistance to transition innovative technology to the US warfighter rapidly, reliably, and cost-effectively.
 - <http://miltechcenter.org>
- U.S. Army **Research, Development and Engineering Command (RDECOM)** is the Army's technology leader and largest technology developer. RDECOM ensures the dominance of Army capabilities by creating, integrating and delivering technology-enabled solutions to Soldiers. RDECOM develops technologies in its eight major laboratories and research, development and engineering centers.
 - <http://www.army.mil/info/organization/unitsandcommands/commandstructure/rdecom>
- The mission of the **Defense Production Act (DPA) Title III Program** is to create assured, affordable, and commercially viable production capabilities and capacities for items essential for national defense. The Title III Program is a government-funded venture that aids manufacturers who specialize in materials used for defense applications.
 - http://dpatitle3.com/dpa_db
- The **Defense Technical Information Center (DTIC)** serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.
 - www.dtic.mil

Federal Government

- **TechComm** is an inter-agency coalition of U.S. federal agencies and their federal labs, working with and through the **Center for Innovation** to facilitate the transfer of federal patented technology to industries for commercial use and manufacturing; and facilitate cooperative research between federal labs with both universities and industries.
 - www.thecenterforinnovation.org/techcomm
- The TechSolutions Program was established by the **Department of Homeland Security's** Science and Technology Directorate to provide information, resources and technology solutions that address mission capability gaps identified by the emergency response community. The goal of TechSolutions is to field technologies that meet 80% of the operational requirement, in a 12 to 15 month time frame, at a cost commensurate with the proposal. Goals will be accomplished through rapid prototyping or the identification of existing technologies that satisfy identified requirements.
 - www.techsolutions.dhs.gov
- **Department of Homeland Security The Science and Technology (S&T) Directorate** manages science and technology research to protect the homeland, from development through transition for Department components and first responders.
 - http://www.dhs.gov/xabout/structure/editorial_0530.shtm

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- The **FedBizOpps** system is a web-based portal which allows vendors to review Federal Business Opportunities. Vendors maintain account profiles in the system. Vendors can search for opportunities. Vendor is able to add themselves to the "interested vendors list" for an opportunity.
 - <https://www.fbo.gov>
- **Small Business Administration (SBA) Direct** gives you information and services based on your unique business needs.
 - <http://www.sba.gov/>
- **BusinessUSA** implements a "no wrong door" approach for small businesses and exporters by using technology to quickly connect businesses to the services and information relevant to them, regardless of where the information is located or which agency's website, call center, or office they go to for help. Looking forward, the more federal agencies continue to add resources to BusinessUSA to encompass the full range of business programs and services, the more we will be able to reduce the confusing array of websites that exist today.
 - <http://business.usa.gov>
- **Federal Laboratory Consortium** for Technology Transfer (FLC) is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory mission technologies and expertise with the marketplace. The FLC was formally chartered by the Federal Technology Transfer Act of 1986 to promote and strengthen technology transfer nationwide. Today, approximately 300 federal laboratories and centers and their parent departments and agencies are FLC members.
 - <http://www.federallabs.org>
- Welcome to the **FLC Small Business Resource** - Federal laboratories are charged with leveraging the public investment in research via technology transfer -- by making the results of that investment available to the private sector. Our labs have a wealth of unique technologies, facilities, expertise and other resources available for transfer -- and are actively working to find collaborating opportunities with industry partners. Our goal is to make this process as clear and easy for your small business to navigate as possible -- putting everything you need to know at your fingertips. We want to guide you to the kind of help you need to get your business off the ground, help you expand, or fill that technical need in your existing product line.
 - <http://www.federallabs.org/small-business>
- As the centralized procurement arm for the federal government, **General Services Administration (GSA)** offers products, services, and facilities needed by federal agencies for serving the public. In turn, GSA offers businesses the opportunity to sell billions of dollars worth of products and services to those agencies. GSA plays a vital role in connecting the private sector with federal agencies fulfilling their business needs.
 - <http://www.gsa.gov/portal/content/105199>

GENERAL

- General Dynamics Land Systems' **Maneuver Collaboration Center [MC2]** is a new model for collaboration that enables speedy and agile innovation for military vehicle and systems product improvement.
 - <http://www.gdls.com/mc2>
- **AutoHarvest** will benefit three key user groups: buyers with problems seeking solutions; sellers with existing intellectual properties that can provide solutions; and collaborators that can innovate to address these and other unmet needs. Through AutoHarvest's toll-free, web-enabled platform, OEMs, suppliers, entrepreneurs, and university and national research labs will register to communicate their wants and needs through confidential messaging, company-sponsored virtual rooms, email presentations, video conferencing and webinars.
 - www.autoharvest.org

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- **yet2.com** is focused on bringing buyers and sellers of technologies together so that all parties maximize the return on their investments. yet2.com offers companies and individuals the tools and expertise to acquire, sell, license, and leverage some of the world's most valuable intellectual assets.
 - www.yet2.com
- **NineSigma** is an [Open Innovation](#) service provider that engages companies across all industry sectors with the global innovation community, to enable their organizations to leverage our open innovation network of external resources to solve immediate challenges, fill product pipelines and integrate new knowledge and capabilities into their organizations.
 - www.ninesigma.com

MICHIGAN ONLY

- The **PTAC of Michigan** website. Click on 'Contact a PTAC' to find your local PTAC.
 - <http://www.ptacsofmichigan.org>
- **The Detroit Regional Chamber's Connection Point Program (Michigan companies)**
 - <http://connectionpointdetroit.com>
- **Michigan Small Business & Technology Development Center (MI-SBTDC)** - network provides a full range of services and tools for small businesses emerging and growing in Michigan's 83 counties. We have formed our organization into four teams dedicated to provide expert assistance to the individual needs of Michigan's small business: Small Business Team; Technology Team; Manufacturing Assistance Team; Growth Group Team. With offices statewide, the MI-SBTDC positively impacts Michigan's economy by strengthening companies, creating new jobs, retaining existing jobs and assisting companies define their path to success.
 - <http://misbtadc.org>
- The **Michigan Defense Center (MDC)** connects military buyers with military manufacturers capable of meeting their needs. The highlight of this site is the Defense Capabilities Directory, which is populated with a vast resource of material and service providers. The MDC is a defense contract management agency that stands ready to provide a direct connection between military buyers and suppliers of everything from weapons and munitions to fasteners and CARC painters.
 - www.defensedirectory.org
- **Automation Alley** - Because of the vast military and defense opportunities in the area, Automation Alley is working to help Southeast Michigan companies in diversifying into this continuously expanding industry. Available assistance to pre-qualified companies includes: Consultations with retired military consultants, PTAC representatives and a dedicated representative in the U.S. Army National Automotive Center.
 - www.automationalley.com
- Strategic investments and regional collaboration are helping the **New Economy Initiative** and partner organizations promote economic revitalization in southeast Michigan.
 - <http://neweconomyinitiative.cfsem.org>

Funding / Matching

- **Michigan Emerging Technologies Fund** - The Michigan Emerging Technologies Fund (Michigan ETF) is designed to expand funding opportunities for Michigan technology based companies in the federal innovation research and development arena. The Michigan Small Business and Technology Development Center (MI-SBTDC) in partnership with the Michigan Economic Development Corporation (MEDC), administer this funding to match federal SBIR/STTR awards funding exceptional research and technical innovation generated in Michigan.
 - <http://www.mietf.org/>

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- **Business Accelerator Fund** (Michigan) - The Business Accelerator Fund is a \$3 million fund that may be accessed by participating business accelerators statewide to provide specialized business services to companies commercializing advanced technology. The Business Accelerator Fund is a 21st Century Jobs Fund Program managed by the MI-SBTDC in partnership with the Michigan Economic Development Corporation and Michigan's network of business accelerators
 - <http://misbtdc.org/technology-team/business-accelerator-fund/>
- **The Michigan Pre-Seed Capital Fund** supports high-tech start-up companies as they near commercial viability by providing access to early-stage capital investment or micro loans to accelerate company development. Supported by a consortium of Michigan SmartZones, and the MEDC, and funded by the Michigan Strategic Fund, this capital will extend the personal investment of entrepreneurs during the critical pre-seed stage when they are at or near commercialization. The fund targets companies throughout the state that are creating the newest technology products and services.
 - www.annarborusa.org/business-accelerator/funding-incentives/pre-seed-fund

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