



# Defense Alliance OF MINNESOTA

*Making Connections, Growing Jobs.*

REMEMBER OUR  
FALLEN HEROES &  
THEIR FAMILIES THIS SEASON

**Mission:** to nurture and expand Minnesota's defense and homeland security industries, to create and retain high quality jobs and to further promote the capabilities of Minnesota's defense and homeland security industrial base to support the men and women of the Armed Services.

## FEATURE: MID-CONTINENT ENGINEERING A LEAD DoD SUPPLIER



Located in Northeast Minneapolis, Mid-Continent Engineering Inc. is a Veteran owned, certified small business. Mid-Continent is truly unique in that it is vertically integrated and can perform heat treat, paint, chem. film, prototyping, assembly and machining in its 130,000 sq. ft. facility.

Founded in 1949 by Art Popehn the company was acquired by Charles "Chuck"

Marvin in 1977 where he grew the company from \$3.2 million annually, to an estimated \$29 million in 2006. Chuck continued to run the day to day operations of Mid-Continent until his son, Sanders Marvin took the reins in 2004. Chuck is still the chairman of the company and can be seen walking the shop floors almost every day.

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Mid-Continent produces finely-machined parts for precision weapons like this GBU-16

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A Soldier of the 135th Infantry Regiment (Air Assault), of the Minnesota National Guard in Herat, Afghanistan.

### Integrated Guidance Systems Coming to Minneapolis

**November 2005:** Iowa-based Rockwell Collins and New Jersey-based Honeywell have announced the creation of a new company to be headquartered at Honeywell's plant in Northeast Minneapolis. Labeled "Integrated Guidance Systems," the venture will make small, cheap, precision-navigation systems for a variety of military weapons. About 80 newly-created positions at the company will be staffed initially by Honeywell employees already in Minneapolis, and about 40 will come from Rockwell's Cedar Rapids plant in Iowa.



SBIR / STTR

**2006.1 DoD SBIR Solicitation**

Release date 01 Nov 2005

Proposals accepted 13 Dec 2005

Closing date 13 Jan 2006

Website [www.acq.osd.mil/sadbu/sbir](http://www.acq.osd.mil/sadbu/sbir)

**"FEDERAL ACCESS" Website**



A "Government contracts solution center for small businesses..."

[www.fedaccess.com](http://www.fedaccess.com)

Participating Agencies



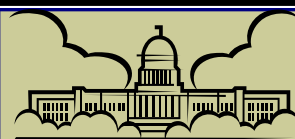
Medical personnel and aircrew members carry a patient from a Minnesota Air National Guard C-130

FUNDING OPPORTUNITIES

**DEPARTMENT OF THE NAVY:** The Navy is soliciting innovative proposals in 61 technical topic areas. A few examples include *artificial intelligence*, *fiber optics* and *radar technologies*. Multiple awards are anticipated, and eligibility is unrestricted. Proposals may be submitted at any time until December 31, 2006. Details at: <http://heron.nrl.navy.mil/contracts/baa.htm>

**DEPARTMENT OF HOMELAND SECURITY:** The Homeland Security Advanced Research Projects Agency is soliciting proposals for the *Rapid Technology Application Program*. Areas of interest include biological, chemical and explosive countermeasures, information technology, electronics and hardware, and cybersecurity. Approximately \$33 million is expected to be available for awards having a project period of up to 30 months. Awards of up to \$2 million may be made for the base effort. Eligibility is unrestricted. Required white papers are due January 3, 2006. Full proposals are due March 6, 2006. More information is available at: <http://www.hsarpabaa.com>

Want to Track Federal Legislation?



Log on to

**GovTrack.us**

GovTrack allows you to follow the status of legislation through the U.S. Congress. Sign up for free!

**Congressman  
Kline (R-MN)  
Supports  
Federal  
R&D  
Tax Credit**

**Congressman Kline** is a co-sponsor of H.R. 1736, a bill to make permanent and strengthen the Research & Development (R&D) tax credit. R&D is obviously important to the state's high-tech businesses, with an estimated 1,200 firms in Minnesota performing R&D. This translates into R&D related jobs, many of which are supported by the R&D tax credit because more than 75% of R&D credit dollars are used for R&D wages. The current administration, reinforced by such bills as H.R. 1736 consistently includes a proposal in its annual budget submission to make permanent the R&D tax credit. Go to [www.govtrack.us](http://www.govtrack.us) to learn more.



*Did You Know?*

- ◆ Rep. Kline recently received a flag flown over Baghdad by members of the Minnesota Air Force Reserve as a token of their appreciation for the work of Kline and his staff.

**Senator Norm Coleman's** Website includes a section dedicated to providing information and tools to help guide constituents through the process of obtaining federal grants for worthy projects that benefit the state and the Nation—including, most notably, defense projects. The information includes:

- ◆ "How to Best Find Information"
- ◆ "Key Federal Funding Sources"
- ◆ "Related Federal Resources"
- ◆ "Private & Corporate Funding Sources"
- ◆ "Additional Sources"

Go to  
[www.coleman.senate.gov](http://www.coleman.senate.gov)  
... and click  
"Federal Grants"

**Senator  
Coleman  
Facilitates  
Federal  
Grant Process  
for Businesses**

*Did You Know?*

- ◆ During 2005, Senator Coleman's staff worked hard to send over \$2 billion in federal grants back to businesses in the state of Minnesota.

**Senator Dayton  
(D-MN)  
Secures  
Funding for  
Duluth  
Air National  
Guard Base**

**November, 2005:** Senator Mark Dayton, who sits on the Senate Armed Services Committee, helped to secure \$18.3 million in federal funds for Minnesota's service members. The funding is part of the Senate Military Construction and Veterans Affairs Appropriations bill for FY2006. The funds include \$6.5 million for the 148th Fighter Wing of the Duluth Air National Guard Base, to be used for the next phase of a fire station that will serve both the Duluth International Airport and the Guard Station. Since Dayton's election in 2000, he has delivered over \$40 million to the Duluth Air National Guard Base. MG Larry Shellito, Adjutant General of the MN National Guard, said, Congress' support of the expanded fire fighting facility at the 148th Fighter Wing is "great news!"



*Did You Know?*

- ◆ Senator Dayton recently presented Brainerd native Douglas Splady with the Purple Heart, from the U.S. Navy. Mr. Splady received the injuries from a land mine in WWII.

## HOMELAND SECURITY CENTERS of EXCELLENCE

Homeland Security Centers of Excellence bring together the nation's best experts and focus its most talented researchers on a variety of threats that include agricultural, chemical, biological, nuclear and radiological, explosive and cyber terrorism. The latest center was funded this month. Johns Hopkins University and its partners have been awarded \$15 million over the next three years for the Center for the Study of High Consequence Event Preparedness and Response. This fifth Homeland Security Center of Excellence will study deterrence, prevention, preparedness and response, including issues such as risk assessment, decision-making, infrastructure integrity, surge capacity and sensor networks. In particular, it will study interactions of networks and the need to use models and simulations.

## Department of Homeland Security "Open for Business"

The "Open for Business" section of the Department of Homeland Security (DHS) Website centralizes information to let every business in America know how to work with the Department of Homeland Security. Designed to assist the business community, it includes links to contracts, grants, small business opportunities, research and development and contacts. [www.dhs.gov](http://www.dhs.gov), click "Business"



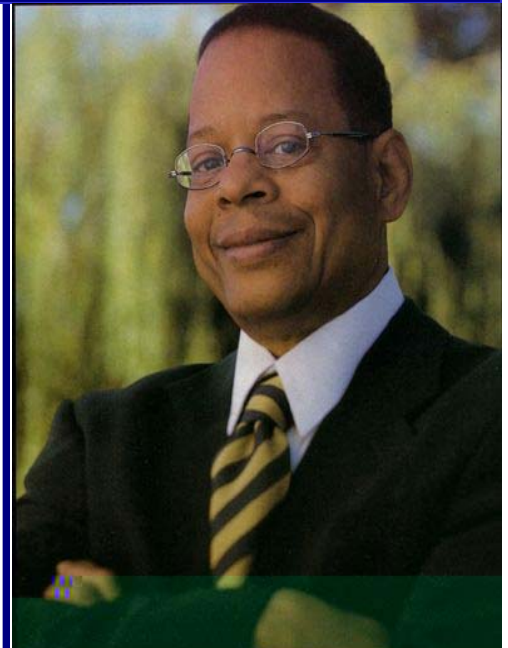
## ION CORPORATON PRESIDENT/CEO APPOINTED TO NASA ADVISORY COUNCIL

**Wendell Maddox**, President/C.E.O. of ION Corporation of Hopkins Minnesota, was appointed to the NASA Advisory Council (NAC) on November 22nd. He joined two former Apollo astronauts as well as 19 other experts at the first meeting of the newly restructured NAC, a group of eminent U.S. citizens organized to provide guidance and policy advice to the administrator of America's space agency.

The NAC was restructured to meet agency needs as it implements the Vision for Space Exploration, outlined by President Bush two years ago to take astronauts back to the moon and on to Mars, and other destinations in the solar system.

In addition to being on the NAC, Wendell is also Chairman of the NASA Minority Business Resource Advisory Committee, (MBRAC). This committee provides advice and recommends to the Assistant Administrator for Small and Disadvantaged Business Utilization on plans, policies, programs, and other matters pertinent to the Agencies responsibilities.

ION Corporation is recognized as a United States leader in the fabrication of spaceflight and aerospace hardware. Wendell Maddox's vision has led ION Corporation to expand its products and services from manufacturing to design, engineering and systems integration. In 2005, ION Corporation was presented NASA's Special Recognition Award for its performance on NASA's Deep Space Network Advanced Systems Program.



Wendell Maddox



Exceeding our Customer's Expectations

## EVENTS CALENDAR

- ★ TECH FORUM: “Doing Business with Government: The World’s Largest Customer,” Minnesota High Tech Association (MHTA), 18 January, 2006. Details at: [www.minnesotatechnology.org](http://www.minnesotatechnology.org)
- ★ Engineering Minnesota’s Future: A Critical Partnership Opportunity, 19 January, 2006, University of St. Thomas. Details at: [www.stthomas.edu/engineering](http://www.stthomas.edu/engineering)
- ★ AFCEA West: “Service Roles and Structures: What’s Right for the Way Ahead?”, 10-12 January, 2006, San Diego, Armed Forces Communications and Electronics Association, details at: [www.afcea.org/calendar](http://www.afcea.org/calendar)
- ★ Defense & Security Symposium, 17-21 April, 2006, Orlando, Florida, Sponsored by SPIE (International Society for Optical Engineering). Details at: [www.spie.org](http://www.spie.org)
- ★ Homeland Security Symposium, Fall 2006, Defense Alliance and National Defense Industrial Association

## FEATURED WEBSITE

[www.nta.org](http://www.nta.org)

The **National Technology Alliance (NTA)** is a Government program established in 1987 to influence commercial and dual use technology with an emphasis on national security and defense technology. The goal of the NTA is to partner commercial technology solutions to Government user technology needs and then create new or enhanced commercial products where the cost of development is leveraged across a broad user community. The NTA uses a non-traditional contract authority, "Other Transaction (OT) for Prototype." OT agreements are used to "carry out prototype projects that are directly relevant to weapons or weapons systems proposed to be acquired or developed by the DoD."



# Defense Alliance plans for Homeland Security Symposium - Fall 2006

The Defense Alliance of Minnesota  
 Together with the National Defense Industrial Association (NDIA)  
 Is planning a  
**Homeland Security Symposium**  
 for the fall of 2006

Connect to the Defense Alliance Website to:

- ◆ Follow updates on the [schedule & topics](#) of interest
- ◆ Contribute to the [Agenda](#) through the online Message Board



## Transition Assistance Program TAP Workshop Registration

**Scheduled Dates**

January 11<sup>th</sup> and 12<sup>th</sup>

Room 220, 5905 34<sup>th</sup> Ave S, Air Force Reserve Base in the Navy and Marine Reserve Center.  
Workshop starts 8:15 AM and ends 4:30 PM both days.

Feb 9<sup>th</sup> and 10<sup>th</sup>

The Education Center at Camp Ripley. Workshop starts 8:15 AM and ends 4:30 PM both days.

Transition Assistance Program (TAP) Workshops are being offered to the returning veterans and their spouse. Participants will learn how to write effective resumes and cover letters, proper interviewing techniques, and the most current methods for successful job searches. Information will be provided on current labor market conditions, assessing individual skills and competencies, information regarding licensing and certification requirements, and local contact information on veteran's benefits.

The benefits of attending and using this information will be a shorter time to obtain a new job, an increase in the number of interviews and job offers, a higher starting wage, a reduced fear of unemployment, and an increase in potential for job satisfaction.

Dress is Casual. Rank is left at the door.

Prior registration is required. Class is limited to 25 participants. Return this information to Dean Eichelberger via e-mail at [dean.eichelberger@state.mn.us](mailto:dean.eichelberger@state.mn.us) or by calling 320-231-5174 ext 7520. You can also mail this to Willmar WorkForce Center, 2200 23<sup>rd</sup> St. NE Suite 2040, Willmar, MN 56201.

Registration Information for Date: \_\_\_\_\_

Name: \_\_\_\_\_ Rank: \_\_\_\_\_ Spouse: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail \_\_\_\_\_ Phone: \_\_\_\_\_

Unit Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_



## INTREPID FALLEN HEROES FUND

To date over 15,000 men and women have been wounded in operations in Afghanistan and Iraq. Severely injured personnel are transferred to military hospitals in the U.S. Some of these troops are ultimately returned to duty. But some suffer injuries so severe that they require extensive medical care, years of treatment and rehabilitation, and they are medically discharged from the armed forces.

Many of the most severely injured military personnel, from all branches of the Armed Forces, are treated at Brooke Army Medical Center in San Antonio, Texas. The most severely injured suffer from double and triple amputations, severe head and body trauma, blindness, deafness, and partial and full paralysis. The use of improvised explosive devices in Iraq has resulted in many cases of severe burns. The care and rehabilitation of these men and women who have sacrificed so much for our nation demands that they be given the care they need and deserve.

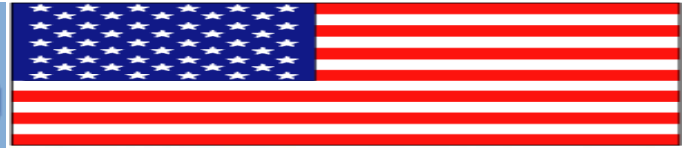
The Intrepid Fallen Heroes Fund is constructing a world-class state-of-the-art advanced training skills facility at Brooke Army Medical Center in San Antonio, Texas. The center will serve military personnel who have been catastrophically disabled in operations in Iraq and Afghanistan. The center will also serve military personnel and veterans severely injured in other operations and in the normal performance of their duties, combat and non-combat related.

The Center will be a 50,000 square foot structure, providing ample space and facilities for the rehabilitation needs of the patients and their caregivers. It will be constructed on a site sufficient in size to meet the needs of the center's patients and caregivers and will include \$3.5 million in top of the line indoor and outdoor facilities, a child care center, and other needed facilities.



Learn more at:

[www.fallenheroesfund.org](http://www.fallenheroesfund.org)



Employer Support for the Guard and Reserve (ESGR) is a Department of Defense organization. It is a staff group within the Office of the Assistant Secretary of Defense for Reserve Affairs (ASD/RA), which is in itself a part of the Office of the Secretary of Defense.

The nation's Reserve components comprise approximately 46% of our total available military manpower. The current National Defense Strategy indicates that the National Guard and Reserve will be full partners in the fully integrated Total Force. Our Reserve forces will spend more time away from the workplace defending the nation, supporting a demanding operations tempo and training to maintain their mission readiness.

In this environment, civilian employers play a critical role in the defense of the nation by complying with existing employment laws protecting the rights of workers who serve in the Reserve component.

ESGR was established in 1972 to promote cooperation and understanding between Reserve component members and their civilian employers and to assist in the resolution of conflicts arising from an employee's military commitment.

Today ESGR operates through a network of hundreds of volunteers throughout the nation and Guam, Puerto Rico, the Virgin Islands and Europe.

**The State Chair for Minnesota's ESGR is**

**Brigadier General Dennis Schulstad, USAF (Ret.)**

## Mid-Continent Engineering

(Continued from Page 1)

According to Sanders Marvin, MCE's President and COO, the company sets itself apart from the competition because of its ability to produce very complex, critical assemblies under one roof and is ISO 9001-2001/ISO 9001-2000 and NADCAP certified.

"Our goal is to be the preferred supplier of the most intricate and complex assemblies to the US Military and its Prime suppliers."

The company is an award winning provider for the Health Care, Aerospace and Defense industries and is proud to count among its customers: GE Medical, Perkin Elmer, Boeing Aerospace, Vought Aircraft, Cirrus Aircraft, Lockheed Martin, United Defense/BAE, Raytheon, General Dynamics, and Rockwell Collins. Mid-Continent produces finely machined parts and complex assemblies for laser guided bombs, missile launch systems, US Navy's CVN and AEGIS programs and multiple cabinets and enclosures used by all branches of the US Military.

Mid-Continent Engineering prides itself on the quality product that it produces by utilizing the best equipment and processes available, including: 23 free standing horizontal and vertical CNC machining centers; 2 pallet pool systems with rail guided vehicles, including 6 horizontal CNC machining centers; Toyoda 630 and Makino A55; SNK 5 axis CNC machining center; Applicon CAD/CAM System; CATIA and SURFCAM solid modeling; Certified spot welding (MIL-W6858D, BAC5977) 125, 200, 250, and 300 KVA; Certified welding (1595A, 2219, 8611, 248D, BA5975); Heat treat; Painting and powdercoating; Chemical conversion; Sheet metal fabrication; and Assembly.

If you would like to learn more about Mid-Continent Engineering and perhaps take a tour of the facility please contact Kevin Downey at 612-706-5230 kevin.downey@mid-continent.com or visit our website at www.mid-continent.com.



We're on the Web!  
[www.defensealliance.com](http://www.defensealliance.com)

## Professionals SEEKING POSITIONS

**Jarrold Berg:** **VETERAN** seeking a position as an entry-level network engineer. 5 years of network communication experience, including 4+ years of active duty in the active Army and 1 year in the Guard. Secret Clearance. AA Degree, Computer Network Systems. Contact Jarrod at jberg987@yahoo.com, or 612.270.6436

**Jay Eichelberger:** May 2006 distinguished B.S. graduate in Industrial Technology Mfg. Significant experience with major firms in current mfg. practices and superior I.T. skills. Contact Jay at 515.290.4162 or jeichel@iastate.edu

**Cory J. Mulhern:** **VETERAN** seeking an I.T. position. B.S. in Telecommunications Systems. Extensive Army Officer leadership experience in combat. I.T. system implementation and integration background, Cisco Certified Network and Design Associate. Contact Cory at cory.mulhern@us.army.mil, or 651.330.1175

**Mark Anthony Rowe:** Navy **VETERAN** seeking an I.T. Solutions Manager position. Project management and training professional with 8 years experience at fortune 500 companies. B.S. in Project Management and B.S. in Work Force Education. 15 years in retail, industrial and consumer electronics. Contact Mark at mrowe67@att.net, or 952.237.1432



Founder: Paul J. Wagner  
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