



**MiSN** 

MICHIGAN SECURITY NETWORK

Northern Border Security Test Bed Conference  
July 27, 2010

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## Michigan Security Network

- Comprised of major corporations, leading universities and industry leaders
- Created in 2008 as a non-profit organization, MiSN leads the effort to grow the homeland security market in Michigan (\$113 billion global market, \$60 billion private sector)
- Project capability based upon leveraging Michigan's leadership in R&D investment, world class science and engineering talent; leading research universities; technologically advanced supply chain; and highly skilled workforce
- MiSN serves in the role of "general contractor" by developing a coalition with key skill sets and technologies
- Comprehensive in-depth analysis of the homeland security market identified Michigan's competitive advantages in three priority sectors :
  - BORDER SECURITY
  - CYBERSECURITY
  - BIODEFENSE (CBRN)

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## Michigan Assets, Cont'd

- Access to a large variety of field test sites enabling almost any situation or condition to be replicated within a local area .
- Close proximity to planned border operations fusion center at Selfridge.
- Availability of over 350 transportation-related research and development facilities that have the ability to test products and new technology.
- Close proximity to high technology suppliers.
- A high concentration of shippers and haulers that regularly cross the border.
- Many companies in the area have a long history of experience with the military, aerospace, and automotive industries. Lessons learned from the interaction of these companies should not be lost to the emerging market of homeland and border security.

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## Potential Beta Testers


- The Ambassador Bridge
- Detroit Port Authority
- Detroit-Windsor Tunnel, Michigan
- Central Railway Tunnel

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## Possible Test Situations


- Intruder detection (non-Customs entry point) – Detroit riverfront and portions of the Lakefront border
- Hazardous material detection / food protection – Customs inspection points, Shipping P.O.E.s.
- Underwater tunnel, cable or pipeline detection – Detroit River/Riverfront
- Interoperability with other systems – Detroit Riverfront & City of Detroit
- Cold Weather Operation/Durability – Sault Ste. Marie
- Electronic signage incorporated into operation to help control and facilitate traffic flow – Ambassador Bridge
- Surveillance camera systems for remote monitoring and detection of border infrastructure – Ambassador Bridge/Department of Homeland Security

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## Conclusion

- Having a facility that can perform both “controlled environment” testing and replicate “real-world” operating conditions in a number of “off-campus” field test sites is critical to success.
- A successful test bed must address both the technological and the operational dimensions of securing the border. Thus, it stands to reason that a test bed in close proximity to one of the most difficult, highly-trafficked border areas would be an ideal environment to deploy new surveillance assets, sensors, and tactical infrastructure.
- Michigan’s many assets, including the nation’s largest international border crossing and unique geography for a border technology test bed, make it ideally suited to provide leadership in the homeland security market.
- Working in conjunction with the relevant parties, MiSN is prepared to serve as the project manager for the site selection and implementation process.
- For these and other reasons, MiSN proposes locating a **Border Security Technology Test Bed** along the Canadian border in, and around, Detroit, MI.

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Thank You