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# **Autonomous Systems: Focus on the Joint Ground Robotics Enterprise in DoD**

# Evolving Enterprise Focus

<p>Focus</p>	<ul style="list-style-type: none"> <li>• Experimentation</li> <li>• Prototype development</li> <li>• Building up private interest in military apps</li> </ul>	<ul style="list-style-type: none"> <li>• Applying technology to asymmetric threats</li> <li>• Rapid response to urgent needs</li> <li>• Continued S&amp;T investment</li> </ul>	<ul style="list-style-type: none"> <li>• DoD level             <ul style="list-style-type: none"> <li>• Strategic shift to Asia/Pacific</li> </ul> </li> <li>• JGRE level             <ul style="list-style-type: none"> <li>• Requirements/CONOPs</li> <li>• New mission domains</li> <li>• Affordability</li> <li>• Reliability, supportability, other “ilities”</li> </ul> </li> </ul>
<p>Results</p>	<ul style="list-style-type: none"> <li>• Established DoD-level enterprise</li> <li>• Prototype systems</li> <li>• Technology advances</li> <li>• Private start-up companies</li> </ul>	<ul style="list-style-type: none"> <li>• 1000’s of systems fielded in combat</li> <li>• Increased standoff resulted in saving lives</li> <li>• Mature tech base</li> </ul>	<ul style="list-style-type: none"> <li>• Robotics institutionalized in how we fight and operate</li> </ul>
<p>Influences</p>	<ul style="list-style-type: none"> <li>• Advances in CPU performance, sensors, and micro-electronic devices</li> </ul>	<ul style="list-style-type: none"> <li>• OIF/OEF</li> <li>• IED threat</li> <li>• Significant commercial advances</li> </ul>	<ul style="list-style-type: none"> <li>• U.S. debt</li> <li>• Drawdown of troops</li> <li>• New emerging threat environments</li> <li>• Continued global uncertainties</li> </ul>

2000

2012

# ***NAMC***

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**The National Advanced Mobility Consortium (“NAMC”) is a nationwide alliance of traditional and non-traditional small businesses, large defense contractors, academic institutions, and other research organizations involved with the translational research and development of the complete range of prototype, ground vehicle and robotics systems and technologies.**

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