

SAE International and Carnegie Mellon University Discuss Vehicle Cybersecurity Issues and Challenges During Day-Long Seminar

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([PRWEB](#)) May 19, 2016 -- [SAE International](#) and the CERT Division of the Software Engineering Institute at Carnegie Mellon University (CMU) recently held a one-day seminar to discuss vehicle cybersecurity challenges and opportunities in Pittsburgh, Pa.

The workshop included 23 professionals representing industry, academia, government, and defense.

“This was a unique and important first step as our organizations work to understand the cybersecurity issues facing engineering professionals and companies in all disciplines,” Frank Menchaca, Chief Product Officer for SAE International, said. “This was a deep-dive discussion on managing the pain points in vehicle cybersecurity and how we should be focusing our efforts.”

“The event explored the challenges created by the convergence of vehicle systems and networked information systems,” Summer Fowler, Technical Director of Cyber Risk and Resilience for the CERT Division said. “New methods and tools are required to manage risk in this era of increasingly connected vehicles.”

The discussion focused on several areas, including:

- Talent: recruitment, training, and certification
- Supply chain risk management
- Production of standards, publications, events, and education in both areas

The workshop featured two tracks: management and engineering.

“The discussions of the day were insightful and relevant,” Menchaca said. “But this is only the beginning. We thank CMU for their partnership and look forward to more workshops in the future.”

SAE International and CERT have agreed to host more discussion workshops on supply chain and risk management, and to create and develop professional development seminars.

SAE International recently published the first-ever guidebook for vehicle cybersecurity. “SAE J3061™: Cybersecurity Guide [ebook for Cyber-Physical Vehicle Standards](#),” establishes a set of high-level guiding principles for cybersecurity as it relates to cyber-physical vehicle systems.

The CERT Division is part of the Software Engineering Institute, which is based at Carnegie Mellon University. CERT is the world’s leading trusted authority dedicated to improving the security and resilience of networked computer systems and is considered a national asset in the field of cybersecurity.

SAE International is a global association committed to being the ultimate knowledge source for the engineering profession. By uniting over 128,000 engineers and technical experts, we drive knowledge and expertise across a broad spectrum of industries. We act on two priorities: encouraging a lifetime of learning for mobility



engineering professionals and setting the standards for industry engineering. We strive for a better world through the work of our charitable arm, the SAE Foundation, which helps fund programs like A World in Motion® and the Collegiate Design Series™.

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