Vehicle Security

We welcome your inquiries.
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- Independent, nonprofit, applied R&D
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- Patent rights arising from sponsored research at the institute are often assigned to the client*
- Multidisciplinary approach
  - Security
  - Automotive research
  - Embedded systems
  - Connected / autonomous vehicles
  - Hardware / software / wired / wireless
  - Digital circuitry
- CMMI Level 5 rating

* SwRI generally retains the rights to Institute-funded advancements.

Experience

- Vulnerability analysis
- Penetration testing
- Security risk assessment and best practices
- Vehicle-to-vehicle (V2V)
- Autonomous vehicles
- Dedicated short-range communications (DSRC) radio
- Consumer, commercial, military and off-highway vehicles
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- 1,200-acre campus instrumented with DSRC radios, signage and representative obstacles
- Over 1,000 staff members working on automotive-related projects
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- Automobile test track
- Vehicle-size chambers and open ranges for RF testing
- More than 2 million square feet of laboratories and offices
- Reverse engineering and penetration testing tools
- Broad range of network, communication and security tools