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GENIVI Alliance and FASTR Join Forces to Tackle Automotive Cybersecurity Challenges

Combined Security Team to Advance Automotive Cybersecurity Guidelines

SAN RAMON, Calif. – June 4, 2018 – The GENIVI Alliance, a collaborative community of automakers and their suppliers developing open software for in-vehicle infotainment (IVI) and the connected car, and Future of Automotive Security Technology Research (FASTR), a nonprofit research consortium dedicated to automotive cybersecurity, are joining forces as a single automotive security team to advance both organizations’ efforts, interests and expertise in automotive cybersecurity.

The newly combined security activities will operate under the GENIVI Security Team. Together, the team will build upon the foundations both organizations have already established in the areas of threat modeling, secure software over-the-air updates and developing secure software.

“By combining strengths and areas of interest, GENIVI is augmenting its existing security-related efforts by leveraging FASTR’s foundational research and deep understanding of emerging security technologies,” said Steve Crumb, executive director, GENIVI Alliance. “I believe that our focus on writing secure code, coupled with the quality of research and experience of FASTR experts will result in easily adopted guidelines and approaches that bring great benefit to the automotive industry at large.”

As vehicles become increasingly connected and software-powered, GENIVI and FASTR both recognized an emerging need for a comprehensive, end-to-end security model. The work
of the combined security team will look at automotive cybersecurity holistically and deliver
guidelines and research that helps stakeholders build, deliver and manage more secure
vehicles in the future.

“Our common vision for rearchitecting the vehicle so that cybersecurity is at its very
foundation helps drive safety and trust in tomorrow’s connected and autonomous vehicles,” said
Joe Gullo, executive director, FASTR. “We are excited to unify our expertise and jointly work
toward innovations in technology to achieve these goals.”

For more information on the GENIVI Security Team, future projects and opportunities to
participate, please visit the GENIVI wiki. Additional resources produced by FASTR include the
“Automotive Cybersecurity Literature Review,” a report illuminating crucial research gaps, and
“Automotive Industry Guidelines for Secure Over-the-Air Updates,” a document for assisting
automotive manufacturers and others involved in evaluating platforms for secure updates.

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About GENIVI Alliance
The GENIVI Alliance is a non-profit alliance focused on delivering open source, in-vehicle
infotainment (IVI) and connected vehicle software. The alliance provides its members with a
global development community of more than 140 companies, joining automotive software
stakeholders with world-class developers in a collaborative environment, resulting in free, open
source automotive middleware. GENIVI is headquartered in San Ramon, Calif.

About FASTR
FASTR—Future of Automotive Security Technology Research—is a neutral, inclusive nonprofit
consortium that seeks to enable innovation in automotive security with a vision of self-healing
vehicles. FASTR is working to deliver the actionable applied and theoretical R&D needed now
to drive systematic coordination of cybersecurity across the entire supply chain and ensure trust
in the connected and autonomous vehicle of the future.

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