

# Security Team Home

**Notice: This site is being updated as of August 1st, 2020. We look forward to updating you on all of the exciting initiatives we have, so please check back soon! – Joby**

As vehicles become increasingly connected and software-powered, GENIVI recognizes an emerging need for a comprehensive, end-to-end security model. The GENIVI Security Team looks at automotive cybersecurity holistically and delivers guidelines, research, and education that help build, deliver and manage more secure vehicles in the future.

## Security Team Charter

The Charter of the GENIVI Security Team is to:

1. Assemble emerging automotive cybersecurity challenges/solutions/standards and inform stakeholders through published guidelines, briefs, webinars and event presentations
2. Equip stakeholders to understand and use methods and models for identifying and mitigating cybersecurity attacks on a vehicle
3. Deliver education that equips software developers and architects with an understanding of typical approaches for attacking a vehicle and with methods of mitigating those attacks with sound software development methods and testing
4. Advise GENIVI software development activities to deliver more secure solutions for the connected vehicle.

## Getting Involved

Security Team Chair: [Joby Jester](#)

Team Meetings occur every other Thursday at 10:00am US Eastern Time

**Next Meeting: August 20th, 2020, 1600 CEST, 1000 EDT, 0700 PDT.**

To join Zoom Meeting (<https://irdeto.zoom.us/j/353959866>)

One-Page Slide To Promote Security Team:



## Recent Activities & Deliverables

- [MoRA Presentation for GENIVI Sec Team](#)
  - Planning the creation of [Security Evaluation Framework](#) based on MoRA methodologies
- [2019 All Member Meeting](#) – (see multiple security-related topics on 5/16 and 5/17 schedule)
- [2018 All Member Meeting](#) – (see multiple security-related topics on 4/19 schedule)
- Technical Brief: [Certificate Pinning](#) (with Cloakware/Irdeto)
- White Paper: [Man in the Middle Attacks and Secured Communications](#)
- Webinar: [How to Secure the Connected Vehicle Ecosystem](#) (Presentations by Uber and Irdeto)

## FASTR Outputs

- “[Automotive Cybersecurity Literature Review](#),” a report illuminating crucial research gaps
- “[Automotive Industry Guidelines for Secure Over-the-Air Updates](#),” a document for assisting automotive manufacturers and others involved in evaluating platforms for secure updates

## Past Activities & Deliverables

- [Security Requirements](#)
- [Threat Model](#)

## Recent space activity



[Joby Jester](#)

[Security Team Home](#) updated Aug 07, 2020 • [view change](#)



[michael nunnery](#)

[Security Team Home](#) updated Jun 16, 2020 • [view change](#)



[Nicholas Contino](#)

[Past Deliverables](#) updated Apr 19, 2020 • [view change](#)



[Gunnar Andersson](#)

[Security Team Home](#) updated Mar 20, 2020 • [view change](#)



[Bevan Watkiss](#)

[Security Team Home](#) updated Nov 11, 2019 • [view change](#)

## Space contributors

- [Joby Jester](#) (52 days ago)
- [michael nunnery](#) (105 days ago)
- [Nicholas Contino](#) (162 days ago)
- [Gunnar Andersson](#) (192 days ago)
- [Bevan Watkiss](#) (322 days ago)
- ...