RSAC Studio



They'll Get You On The Go

Kurt Baumgartner

GReAT - Principal Security Researcher Kaspersky Lab

@k_sec



Transportation Security at 40k ft





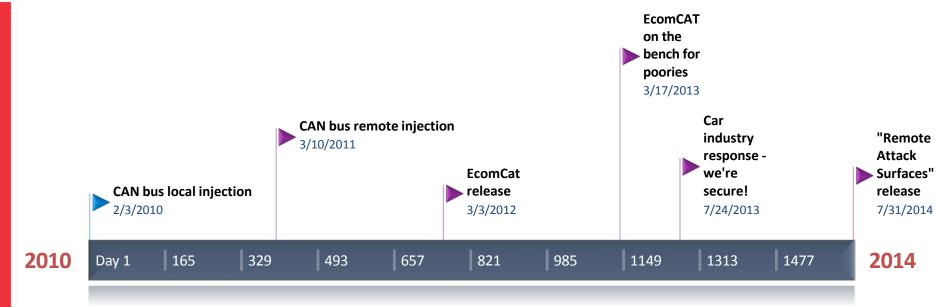
Transportation Security at 40k ft





Automotive Research and Reactions





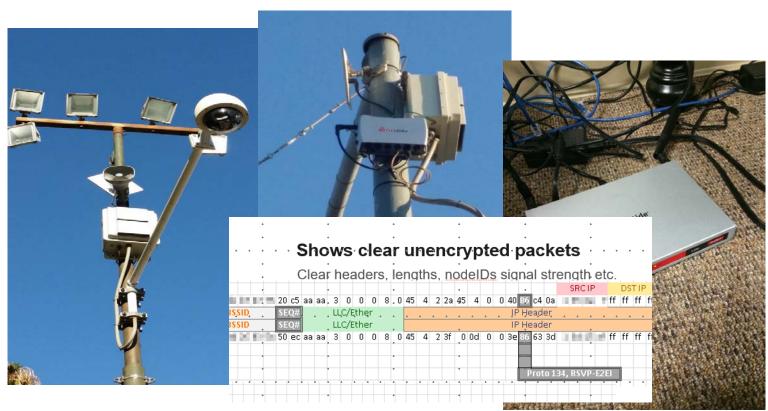
Kaspersky Lab and IoT Research







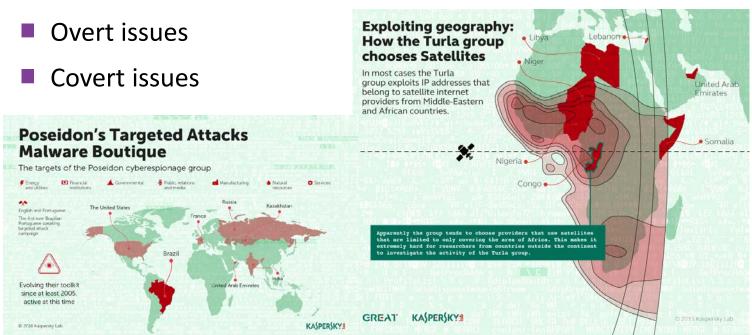




Seen and Unseen



Cybersecurity issues in transportation



IoT and Transport Orgs Operational Security



- Organizational transportation sector security incidents
 - 89% external information security incident
 - 51% data loss as a result of the external security incident
 - 71% internal information security incident
 - 65% data loss as a result of the internal security incident

Collaboration





Collaboration





- Major Tier 1 automotive vendor secure systems
- Shared IoT pen-test projects
- Prioritizing cyber-security in facility, system, and process design

Action



Educate + Learn = Apply

IoT, Transportation
Technologies

Explore CANtact, EcomCAT Attack Surface, Comm Libs

Support industry efforts
Support research efforts