

# Making Safe & Secure Autonomous & Connected Cars

**Kaivan Karimi**

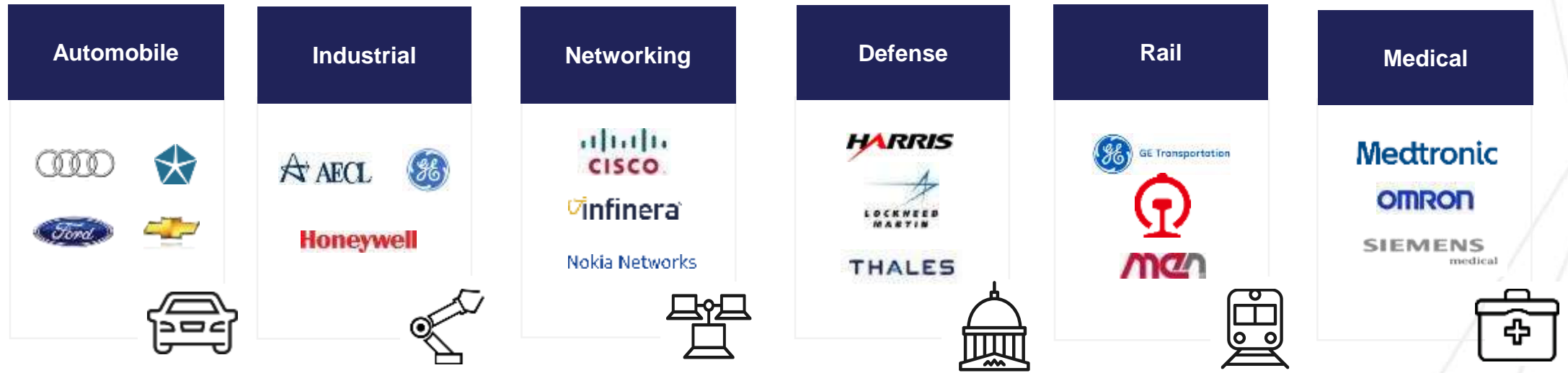
SVP, Sales and Product Marketing

BlackBerry Technology Solutions

March 29, 2018



# BLACKBERRY TECHNOLOGY SOLUTIONS



Mission Critical Systems Across Verticals

# DECADES OF MISSION CRITICAL SYSTEMS



**Secure Military Radios**



**Automotive Systems**



**Traffic Light Control Systems**



**Rail control and communications**



**Life-critical Healthcare Control and Monitoring**



**Critical Energy Infrastructure**



**Aviation Systems**



**Core Routers**

# WELL ESTABLISHED GLOBAL RELATIONSHIPS

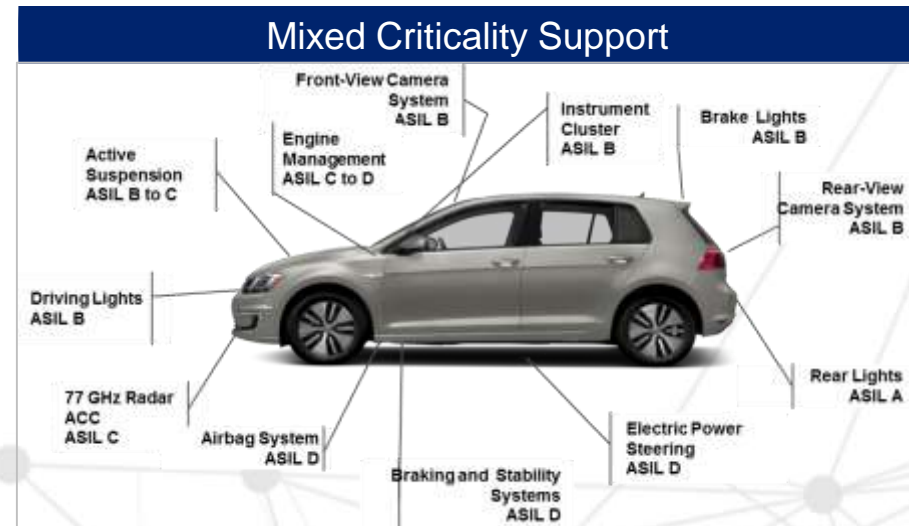
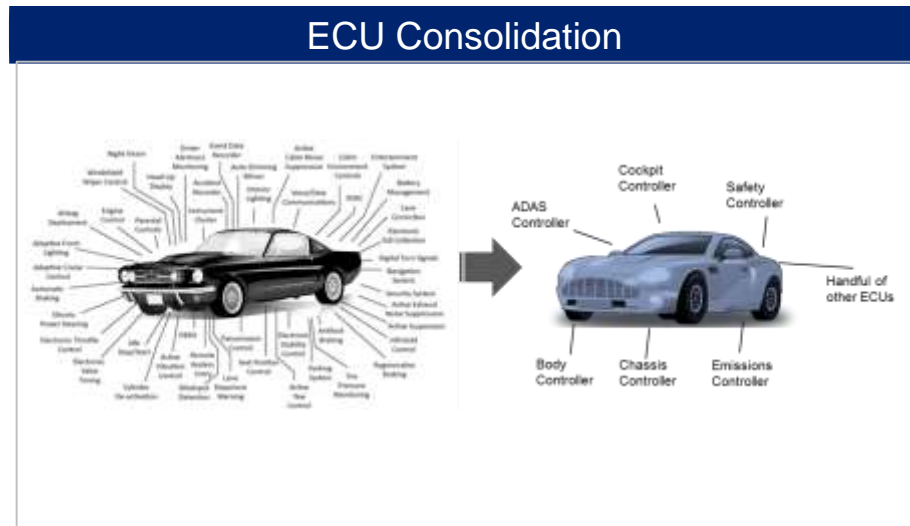
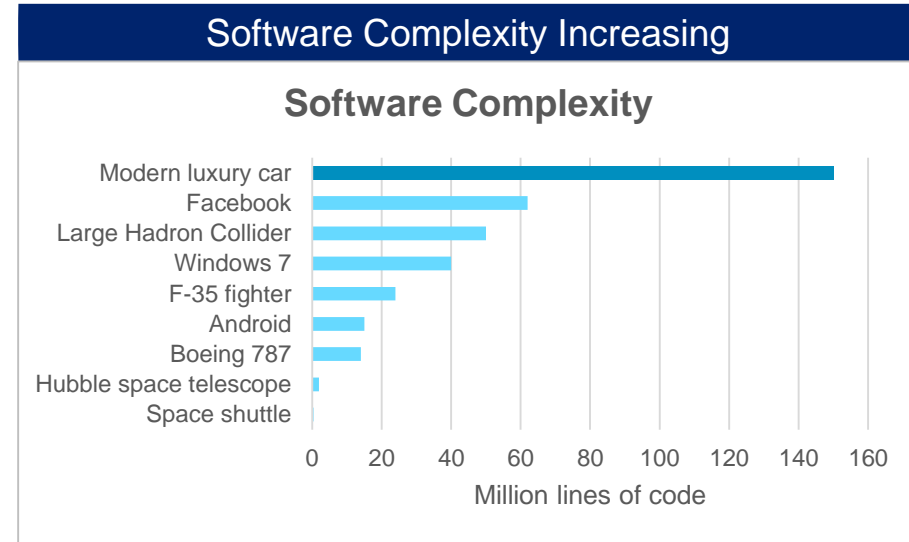
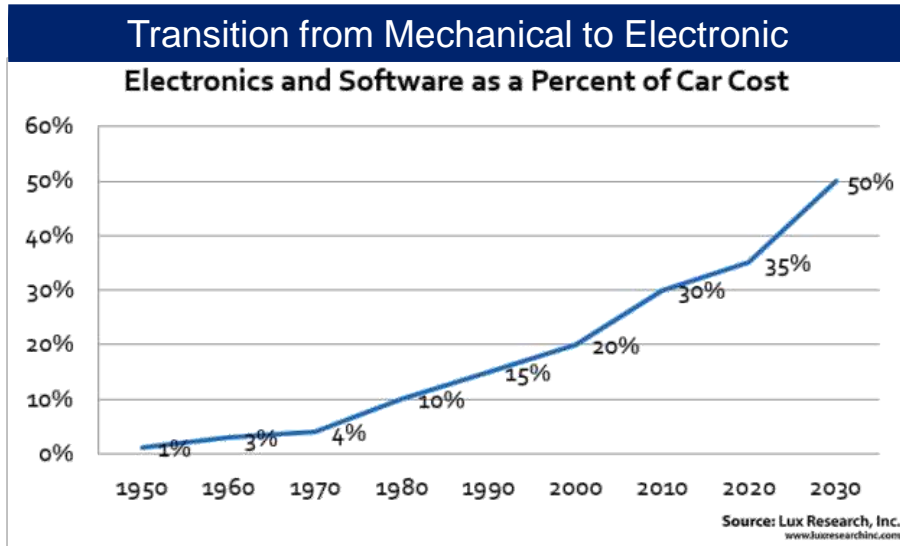
## Automakers & Automotive Tier 1



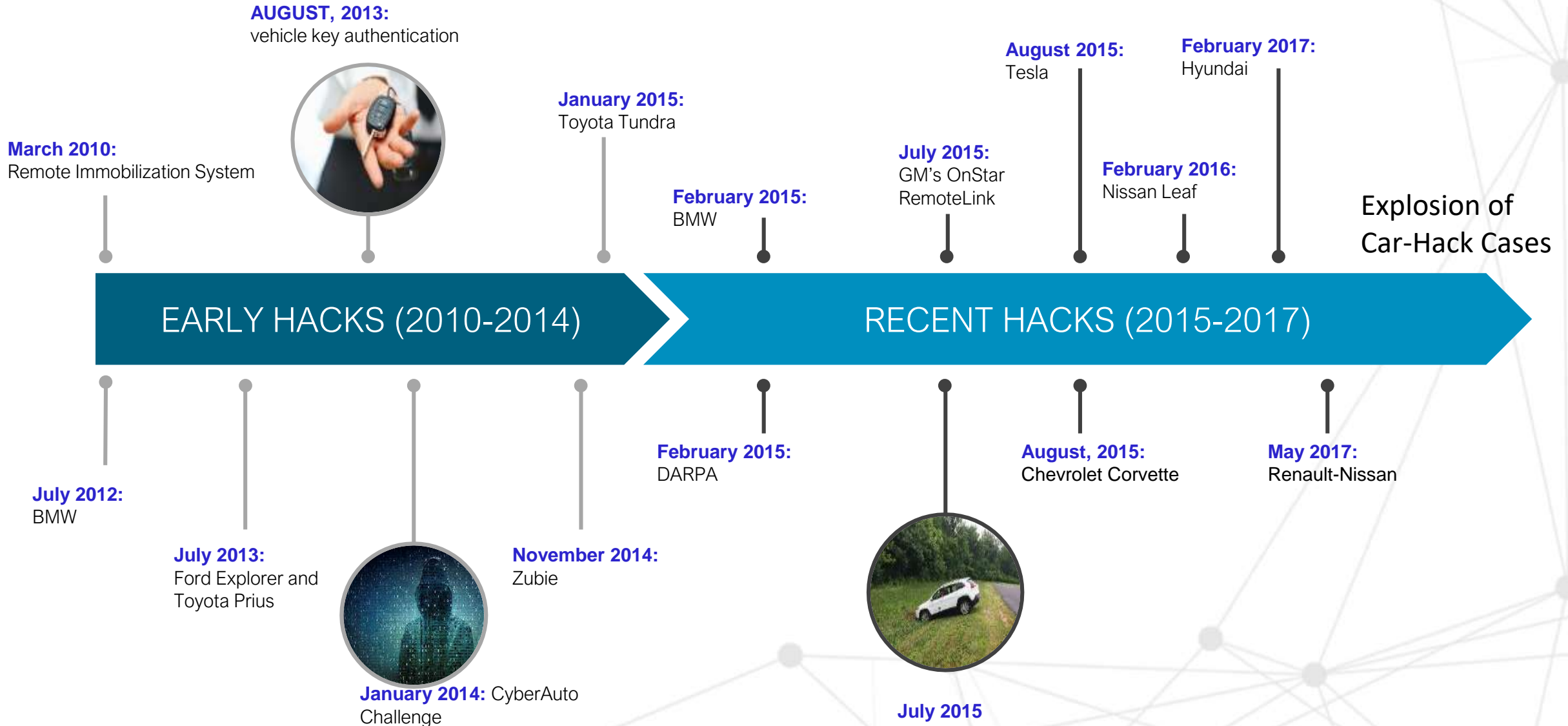
## General Embedded



# MICRO TRENDS



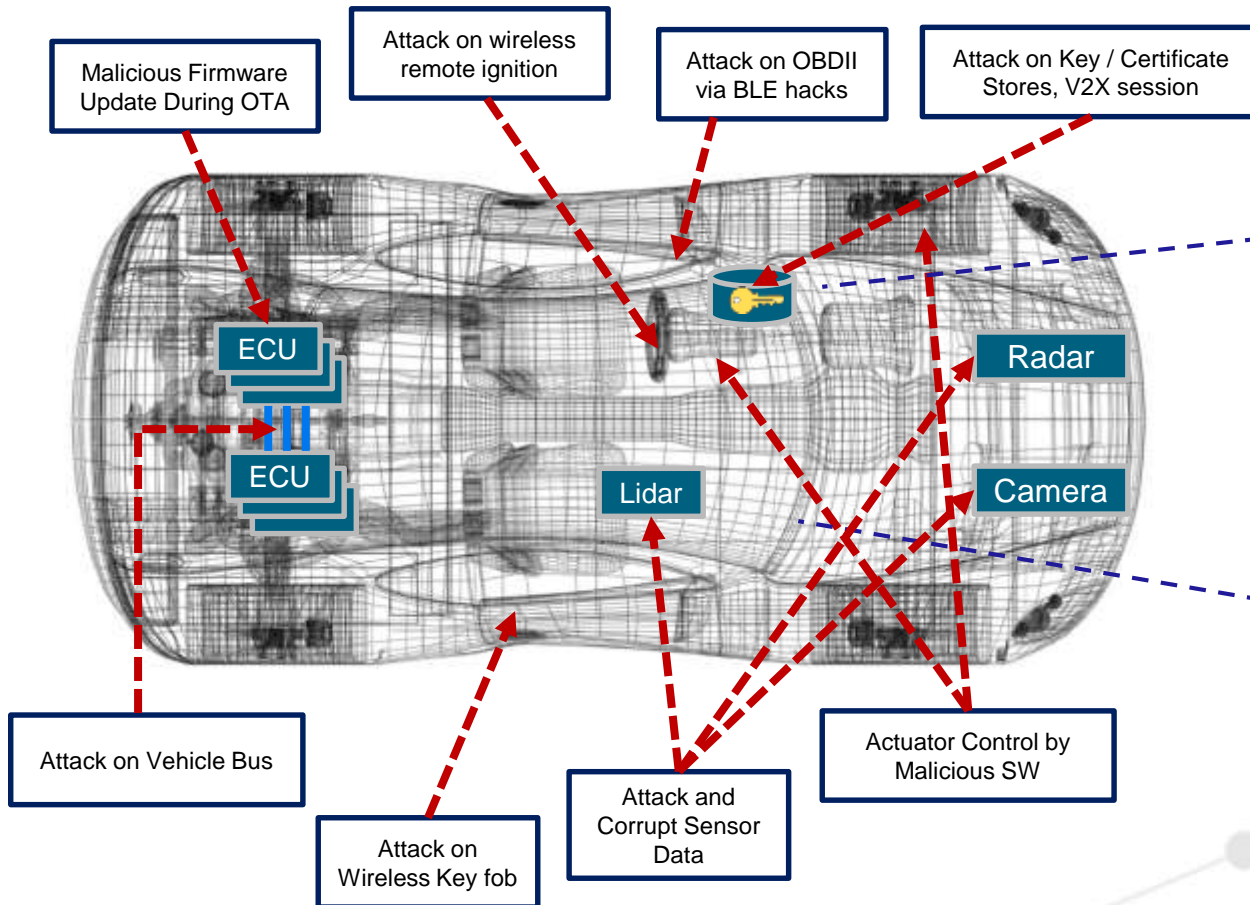
# TRENDS: SECURITY HACKS



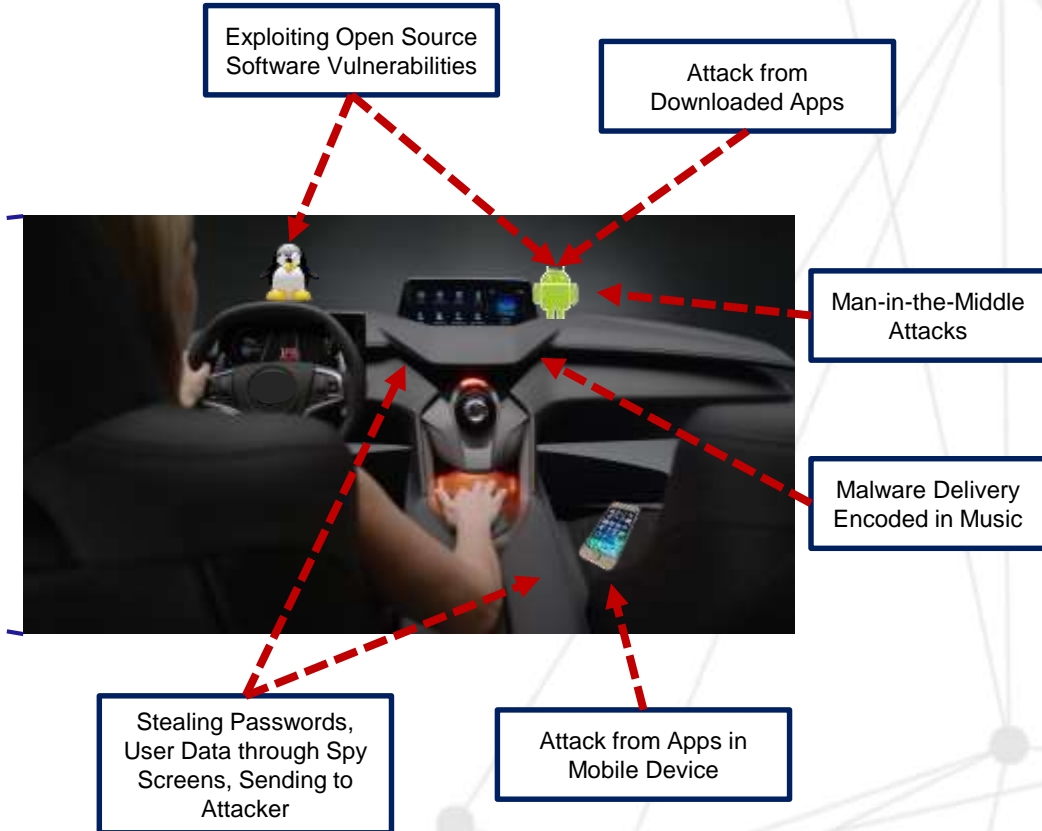
# TRENDS CONNECTED CARS

## THREAT VECTORS INCREASING

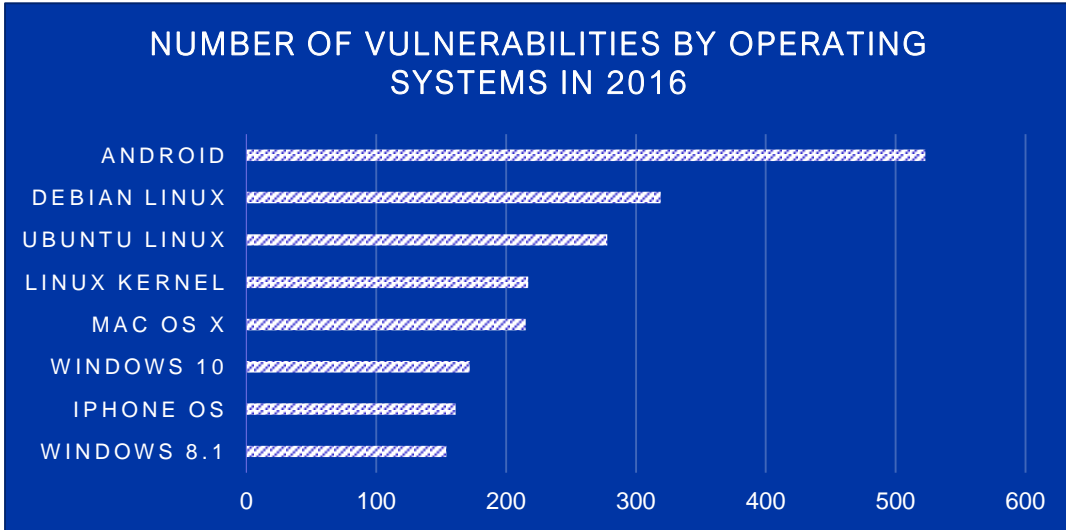
Threat vectors throughout the vehicle...



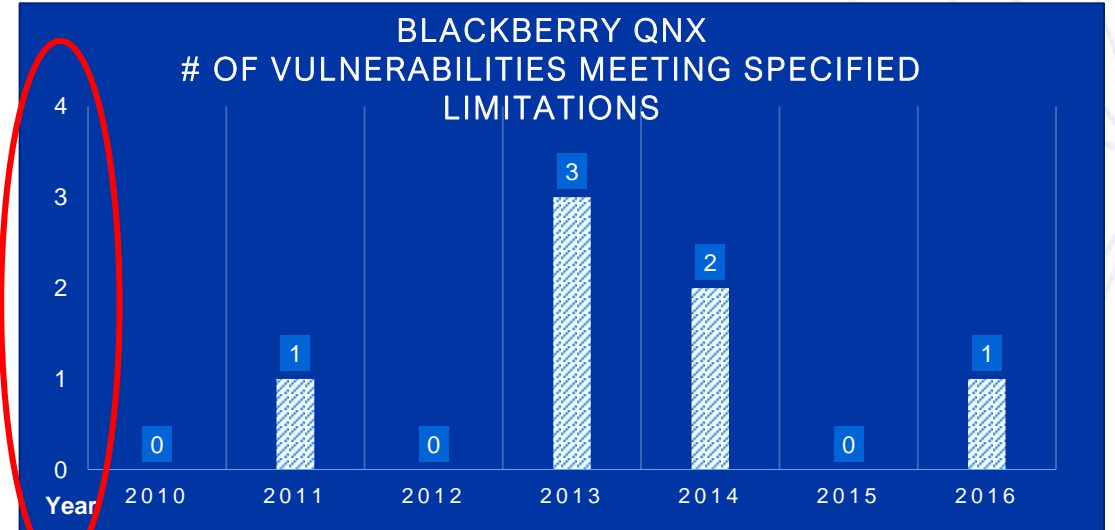
...but the cockpit continues to be highest risk



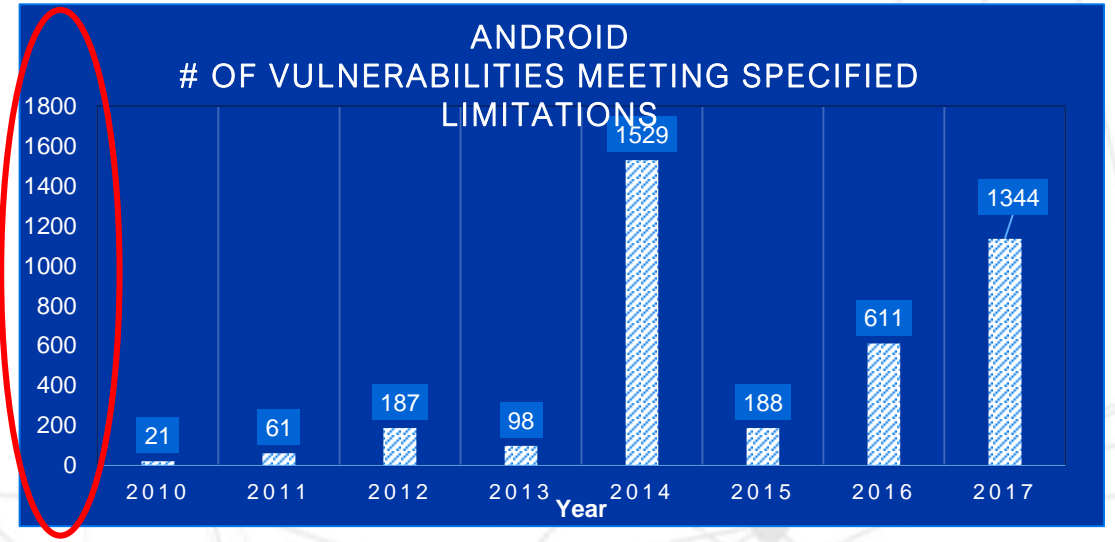
# SOFTWARE VULNERABILITIES



Source: BI, Statista



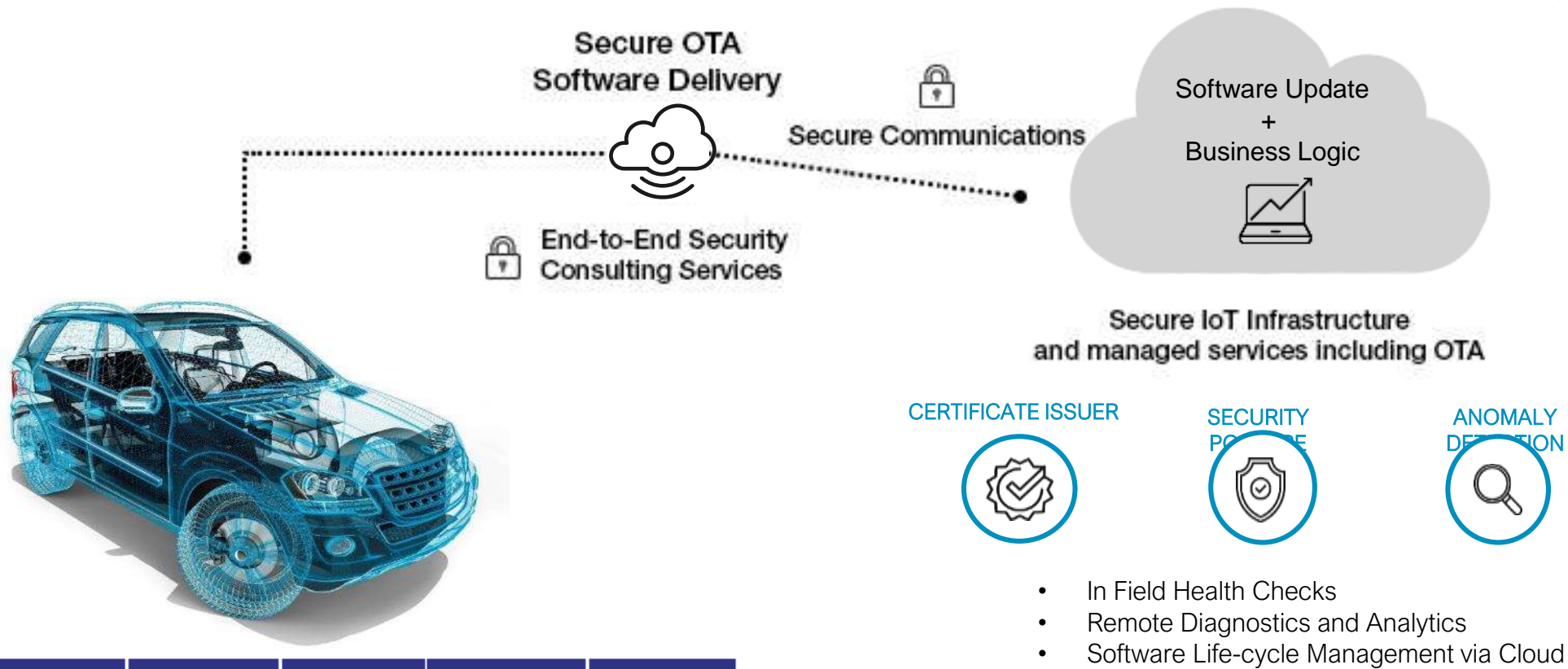
Automotive Grade Linux



Source: CVE details, <https://nvd.nist.gov/> Oct 2017



# COMPREHENSIVE SOLUTIONS



ADAS	V2X	Gateways	Cluster	Telematics	Infotainment
Secure Software Update		Managed PKI Authentication		Secure Manufacturing	FIPS Certified Encryption
Product & Cybersecurity Tools and Services					

# 7 PILLARS OF SECURITY AND BLACKBERRY TOOLS

