

CAM systems and infrastructures mapping



EUROPEAN UNION AGENCY FOR CYBERSECURITY 



CONCEPTION AND MANUFACTURING

	Conception & Development systems		
	Design and Development of CAM systems (CAO, Coding, etc.)	Configuration management systems	Supplier management systems
	Assets, components and systems Manufacturing		
	Onboard electronic initialisation systems	Asset inventory & procurement systems	Industrial control systems



CYBERSECURITY TOOLS AND BACK-ENDS

Detection and reaction systems (VSOC)	Vulnerability Management systems	Risk Management system	Infrastructure protection systems (IPS, etc.)
Administration systems	Secured archiving systems	Back-ends	



MANUFACTURERS, SUPPLIERS AND SERVICE PROVIDERS OPERATIONS

Connected Services Management & Upgrades systems	Dealer Network – Sales, Distribution and Customer relations systems	Maintenance tools
Connectivity gateways and platforms	Marketing systems	Asset inventory & procurement systems
Customers applications	Sales and After-sales systems	Diagnostic systems
Connected services		
Over the Air Systems		



ROAD VEHICLES & MOBILITY DEVICES

Onboard cybersecurity systems	Onboard E/E systems & (ECUs, sensors, etc.)	Onboard Infotainment systems and services	Telematic systems
Short range communication network		Long range communication network	



USER DEVICES

Smartphone and other portable devices	Smart Home building integration
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INTERACTIONS AND INTEROPERABILITY

V2X communication systems (C-ITS, C2C, etc.)	Third-party services systems and platforms	Data exchange and collaboration systems and platforms	MaaS systems and platforms
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TIERS AND ROAD INFRASTRUCTURES

Communication systems for ecosystems (police, rescue, etc.)	Traffic management & signaling systems	Road Infrastructures Systems (highway toll, parking meter, etc.)	Monitoring & Surveillance systems (CCTV, etc.)
Intelligent roadside systems (intelligent warehouses, parking lots, etc.)	EV charging infrastructures	Micro mobility systems (bikes, e-scooters, stations, etc.)	

www.enisa.europa.eu

For more information:

<https://www.enisa.europa.eu/publications/cybersecurity-stocktaking-in-the-cam/>

