

1. Record Nr.	UNINA9910438220303321
Autore	Ghosh Shamik
Titolo	Automotive cybersecurity : from perceived threat to stark reality // Shamik Ghosh
Pubbl/distr/stampa	Warrendale, Pa. (400 Commonwealth Dr., Wallendale PA USA) : , : Society of Automotive Engineers, , [2016] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2016]
ISBN	0-7680-8485-7 0-7680-8377-X
Descrizione fisica	1 online resource (vi, 44 pages) : illustrations
Collana	Society of Automotive Engineers. Electronic publications.
Disciplina	629.27
Soggetti	Automotive computers Automotive computers - Security measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. The automotive cybersecurity conundrum -- 2. Nuts and bolts of cyberattacks -- 3. Remote attack surfaces in modern vehicles -- 4. Perspective: the vehicle manufacturers' take on cybersecurity -- 5. Regulatory landscape for automotive cybersecurity -- 6. Securing our connected vehicles -- 7. Automotive cybersecurity projects and solutions -- References.
Sommario/riassunto	This review analyzes automotive cybersecurity threats that are gaining attention worldwide and the apparent ways industries are responding to them. It also addresses the need to continue investment in cyber research and security, as well as the 'security by design' approach that automakers are likely to adopt as a long-term strategy to fend off cyber-attacks.