1 Princples of Cybersecurity

1.1 Fundamentals of Automotive Security

We now step into the realms of cybersecurity in a more detailed manner. Automotive security is a relatively nascent field whose academic origins can be traced back to early days of the ESCAR (`https://www.escar.info/history/escar-europe/escar-europe-2003-lectures-and-html`) security conference.

The goal of this chapter is to establish the concepts and methodologies that

1.2 Introduction to Cryptography

1.3 Message Authentication

1.4 Encryption on CAN