

PRELIMINARY

iCYBER **A CRYPTOGRAPHIC LIBRARY** **FOR INFINEON AURIX™ MICROCONTROLLER**

Cryptography Software Layer for Infineon AURIX™ 2G Microcontroller family, enables to develop a product compliant to Cybersecurity measures following to the latest recommendations by the National Institute of Standards and Technology.



iCYBER LIBRARIES

- A library of cryptographic algorithms developed and optimized for Infineon AURIX™ 2G/3G Microcontroller families.
- A generic set of software source code with cryptographic primitives with specific features for embedded systems.
- Applicable to products falling within the scope of IEC 62443, RED article 3.3 - Cybersecurity Requirements and IEC 21434 (light vehicles & off-road vehicles, were not affected by R155/R156).

BENEFITS

- Time to market reduction.
- Reduce the uncertainties by choosing the most appropriate algorithms.
- Declare that the latest security level enforced by NIST (National Institute of Standards and Technology) are met.
- Five years without major project revisions.
- Use a software library written with the methods and languages of a serious Cybersecurity approach.

