RED Delegated Act (RED DA)
Insight Sip Statement

Introduction

Insight SiP ensures that its wireless communication modules are designed with the requirements of the Cyber Security Act (CRA) and the RED DA as a priority. To this end Insight SiP has partnered with two leading semiconductor manufacturers that have enhanced security as a crucial part of their product strategy. Insight SiP is ready to assist their customers to meet the requirements of CRA and RED DA.

All our modules use communication microprocessors from Nordic Semiconductor or NXP.

Nordic Semiconductor

Nordic Semiconductor has a hardware approach based on the Arm Security Architecture (PSA) Framework, that ensures that essential concepts are implemented such as secure by design and secure by default; and that key activities are performed along the whole product development process like definition of the Product Security Objectives and Threat Modelling.

Nordic Semiconductor implements an active Vulnerability Management Strategy with a Security vulnerabilities disclosure portal.

NXP

NXP also has a hardware approach that takes cyber security seriously. NXP communication processors used in Insight SiP modules are certified to SESIP-3.

RED DA

The EU introduced the RED Delegated Act (EU) 2022/30 (RED DA), extending the Radio Equipment Directive (2014/53/EU), focusing on strengthening cybersecurity requirements for wireless and internet-connected devices in the European market. The RED DA applies to any complete, fully operational product placed on the EU market from 1st August 2025.

The RED DA aims:

- to protect networks from harm or misuse – Article 3.3 (d)
- to protect personal data and user privacy – Article 3.3 (e)
- to protect against fraud and unauthorized monetary transactions – Article 3.3 (f)

To meet the requirements of the RED DA the end product should conform to EN18031.

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Insight SiP Modules

Insight SiP wireless communication modules are delivered to customers without any embedded firmware. For this reason, Insight Modules are not subject to the RED DA requirements.

The end customer using an Insight SiP module has to demonstrate compliance of the end product together with its custom embedded firmware.

Insight SiP will assist its customers with regard to hardware related requirements of EN 18031, in particular by communicating any known hardware vulnerabilities.



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