PRESS RELEASE

A “deeper dive” into security is needed says Trusted Objects White Paper

Trusted Objects, expert in cybersecurity technologies for embedded systems, has just published a new White Paper titled “A deeper dive into security of embedded systems,” that demonstrates classical cybersecurity measures are no longer sufficient for embedded electronics and IoT systems.

AIX EN PROVENCE, FRANCE, June 1st, 2021 – Trusted Objects new White Paper “A deeper dive into security of embedded systems” explores the security needs for embedded electronics and IoT systems facing security attacks. The White Paper can be downloaded from Trusted Objects website here.

In fact, many systems developers already implement basic security principles: security by design, end-to-end security and security all along the product life. Unfortunately, these intentions are often hindered by different factors including systems complexity, limited power aboard the devices, unsecure implementations, human errors and time to market pressure that often leads to cutting corners during the development at the expense of sound security measures.

The White Paper explores various well-known countermeasures, including JTAG, Bootloader, Security by separation, Communication protocols in embedded systems, and Memory protection. It also demonstrates that a deeper dive into these measures is needed to explore all their intricacies and implementation details. In many cases, these measures are not sufficient *per se* and their vulnerabilities need to be investigated further.

Jean Pierre Delesse, COO and cofounder of Trusted Objects, declares: “*Trusted Objects experts have been looking at security from a different perspective, by exploring the limitations of legacy countermeasures. The objective is to avoid over reliance on security solutions which are usually adopted in embedded systems. Having a second view on security will help making the most appropriate decision.”*

The White Paper “A deeper dive into security of embedded systems” can be downloaded from Trusted Objects website at https://www.trusted-objects.com/doc.html.

About Trusted Objects

Trusted Objects is a leading independent player in cybersecurity technologies for embedded systems, providing innovative solutions including secure software and secure operations to dramatically enhance the security of electronic devices. Thanks to its longstanding expertise, Trusted Objects designs products and solutions that respond to market requirements, with a focus on ease of integration and user-friendliness, while complying with the latest standards in terms of security.

Trusted Objects to-security products and services to protect IP in embedded software allow product designers to create trust all along the value chain.

Trusted Objects IoT security solutions are fully optimized, certified and are positioned as the root-of-trust to meet the end-to-end security needs of the Internet of Things.

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