



Safety and integrity in healthcare devices

Decrease the risks of counterfeits in healthcare devices with OPTIGA™ Authenticate solutions

Effective healthcare depends on the integrity of consumables such as patient monitoring sensors, diagnostic strips, and surgical tools. Counterfeit products and unauthorized reuse of consumables may pose serious risks to patient safety and effective treatment.

OPTIGA™ Authenticate solutions offer enhanced device authentication to protect against counterfeiting and unauthorized use or refurbishment. They allow manufacturers and users to check whether consumables are authentic before use, thereby safeguarding health and brand integrity. Advanced authentication is a crucial capability in the healthcare industry.

OPTIGA™ solutions also help meet expanding regulatory requirements such as the US Protecting and Transforming Cyber Health Care Act (PATCH Act) and the EU Medical Device Regulation.

Why choose hardware-based authentication?

Hardware-based security solutions provide a solid foundation to enable cloning protection and advanced anti-counterfeiting in healthcare devices and disposables. The benefits of hardware-based security are:

- Robust security: More secure, long-lasting solution than other measures that are susceptible to be easily bypassed
- Future-proof: Protection designed to address both current and emerging security threats
- Custom solutions: Custom development to meet customer-specific needs

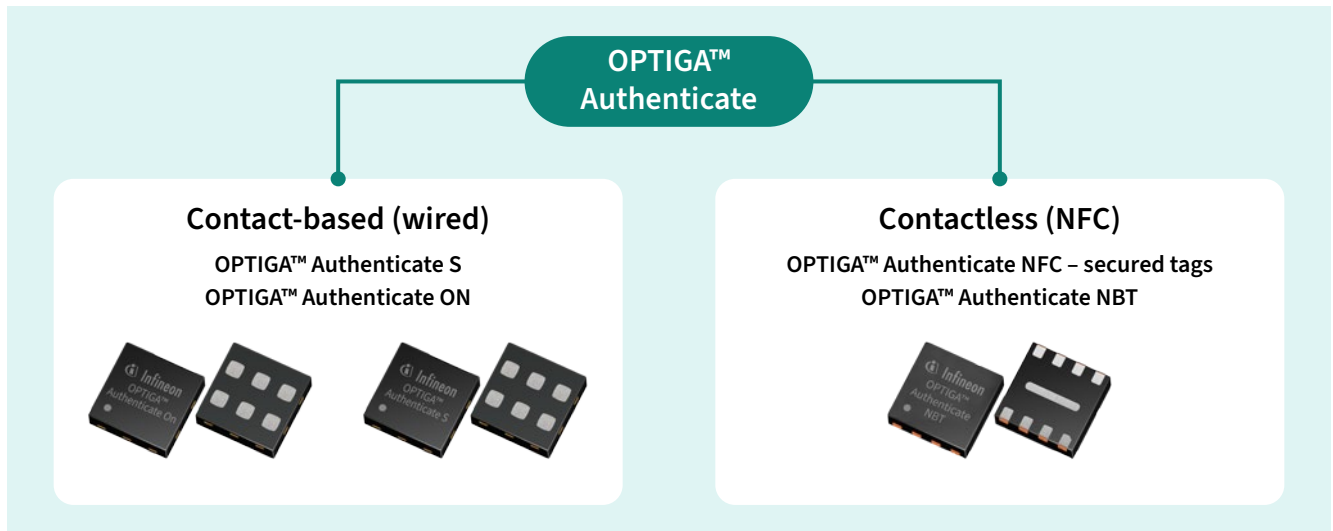
These easy-to-integrate security solutions also enable anti-counterfeiting solutions across versatile healthcare devices. In addition, our broad portfolio offers the right security features to meet current and future healthcare device requirements.



OPTIGA™ Authenticate solutions for healthcare applications

OPTIGA™ Authenticate solutions allow manufacturers and care providers to check the authenticity of healthcare consumables and support different interface, memory, sterilization, and security requirements.

Benefit from advanced, customizable solutions that are easy to integrate:



Why choose Infineon's device authentication solutions?

Our security-by-design approach – extending from the underlying foundation to the point of use, complemented by effective lifecycle management, helps you safeguarding your brand and offers high investment protection for your healthcare devices today and in the future. Easy-to-integrate products help accelerate your time-to-market, and our 25+ years of security expertise means we can offer the right level of security for each device.

A green checkmark icon is positioned above a list of benefits, which is presented on a notepad-style background. To the right of the list, an image of the Infineon OPTIGA™ Authenticate S chip is shown.

- Easy-to-integrate products help accelerate your time-to-market
- Extensive portfolio of contact-based/contactless solutions with higher memory and multiple interface options
- Support for development of custom solutions
- Superior security with controller-based security architecture and protection from reverse engineering (PRE)
- Sterilization-resistant product options
- Open standards to prevent vendor lock-in
- Long-term supply
- 25+ years of security expertise means you can select the right security needed for your device



Please visit our webpage for more information:
www.infineon.com/OPTIGA-healthcare

