NEMECYS

New Medical Cybersecurity and design Solutions

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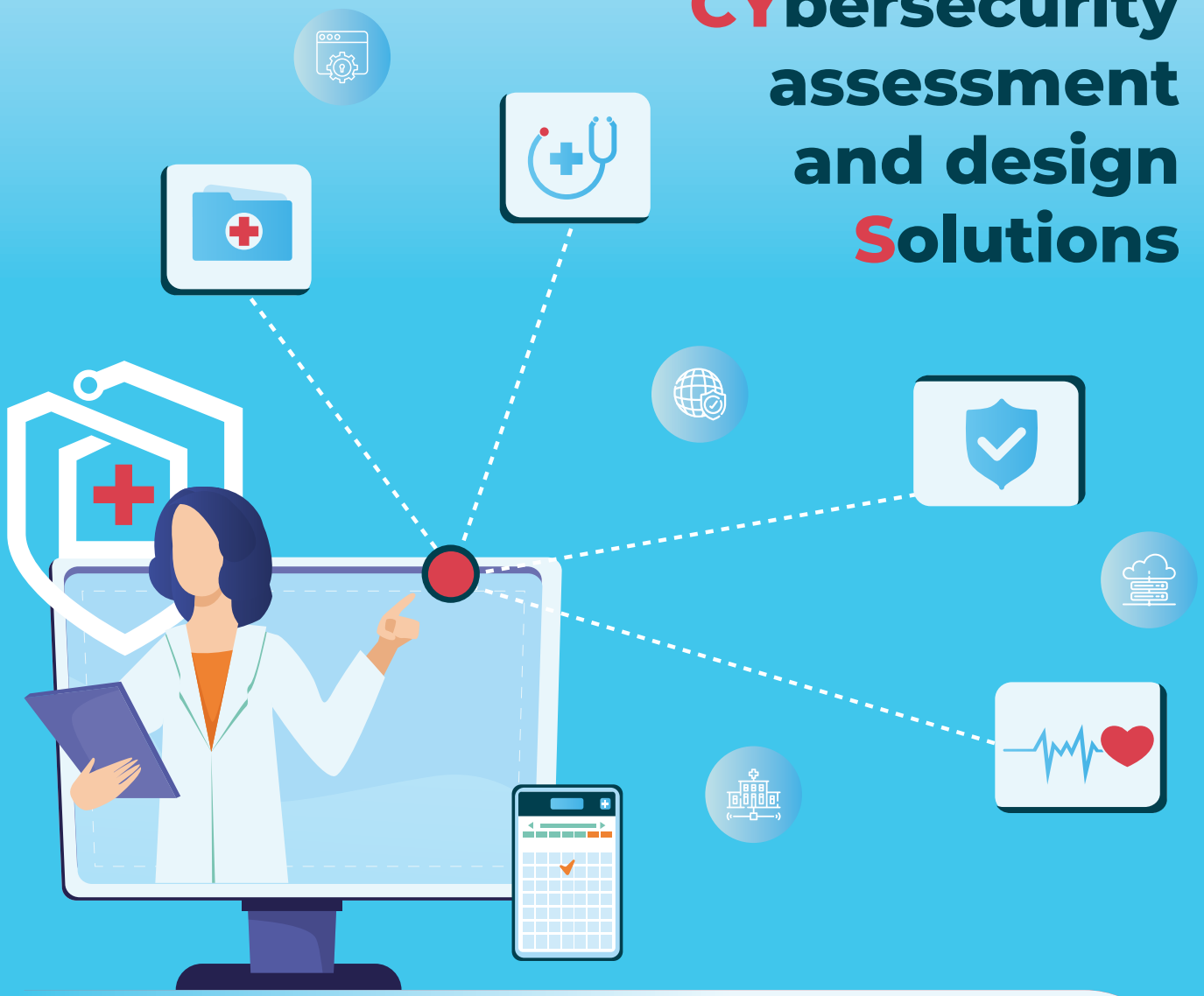

NEMECYS Toolbox:

Secure Software Development Pipelines (SSDP) for Medical Applications

Developed by Information Catalyst

The Secure Software Development Pipelines (SSDP) is an innovative framework designed to integrate security into the entire lifecycle of medical applications, from development to deployment. Developed by ICE, SSDP enables collaboration between medical software developers, security practitioners, and IT operators to enhance security practices in Software as a Medical Device (SaMD) and healthcare applications.

By incorporating DevSecOps principles, SSDP ensures security is embedded at every stage of development, fostering a “security by design” approach. The tool automates security checks, integrates industry leading security testing methods, such as Static Application Security Testing (SAST) and Dynamic Application Security Testing (DAST) and conducts rigorous supply chain audits to identify vulnerabilities in third-party components.

Given the sensitive nature of healthcare data and regulatory compliance requirements, SSDP helps organizations meet security benchmarks like the CIS Benchmark, best practices, and medical device regulations. It addresses challenges like delayed security patches and emerging cyber threats, providing continuous monitoring and threat intelligence.

SSDP is an open-source, aligns with the growing adoption of Kubernetes and Helm, enhancing the security of containerized environments.

Targeting medical device manufacturers, SaMD providers, and healthcare software developers, SSDP enables organizations to build secure, compliant, and resilient medical applications.

Technical Inquiries for the Tool

If you are interested in learning more about the tool, its capabilities, or technical details, please contact **info@informationcatalyst.com**

Scan to access the tool

www.nemecys.eu **@NEMECYS_eu** **nemecys-horizon-eu-project**

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