

# Protecting Medical Devices

Velentium's depth and breadth of development experience, as well as our ability to navigate the constraints of secure medical device development, makes us an industry leader in device security.

## Supported Platforms

- ✔ Embedded Medical Devices
- ✔ Sensors
- ✔ Smartphones (iOS & Android)
- ✔ Supporting Infrastructure
- ✔ WebApps

## Industry Leading Experts In:



## What We **Solve For Our Clients**

Our team wrote the book on secure embedded design & development processes and tools. We specialize in right-sizing security mitigations for constrained resources.

Velentium also assists with your documentation, DHF records, and FDA submission package.

### Velentium Core Values



#### Honorable

We do Right for Right's sake



#### Results ++

We do the job and then some



#### Humble Charisma

We strive to be the kind of people others want to be around

## Embedded Cybersecurity **Training and Certification**



### Level 1: Core

- ★ Embedded Security Incidents & Case Studies
- ★ Basic Hacking Tutorials
- ★ Regulations, Standards, & Market Expectations
- ★ Understanding & Integrating Secure Development



### Level 2: Developer

- ★ Hardware Selection; Supply Chain Controls; Production; Postmarket Support; Remote Updates; EOL
- ★ Secure Coding, Cryptography, & Secure Hardware Elements
- ★ Hardening of Commercial Off-the-Shelf Products



### Level 3: Architect

- ★ Software Transparency, Third-Party Components, & Software Bill of Materials
- ★ Secure Systems Engineering
- ★ Regional Regulation in Worldwide Markets
- ★ Securing Your Business Model
- ★ Building a Culture of Security
- ★ Incident Response



## Learn From Our **Cybersecurity Expert**

Director of Product Security at Velentium | **Christopher Gates**

Christopher has worked for over 40 years developing medical devices and co-authored the book that is regarded as the industry standard for embedded cybersecurity in medical devices.