



# **MEDICAL DEVICE ENABLEMENT THROUGH CUSTOM SOFTWARE SOLUTIONS**

## **HEALTHCARE**

### **1. Overview**

A Swedish healthcare innovation company focused on advancing cancer treatment through patented technologies and clinical research. Their breakthrough device enhances chemotherapy using dynamic electro-enhanced methods, supporting more effective intracellular drug delivery.

### **2. How Sosaley Made a Difference**

To support the successful deployment of this medical innovation, Sosaley Technologies developed a full suite of custom software solutions—from operating system to mobile applications—ensuring seamless hardware-software integration, security, and user experience. This enabled faster go-to-market and improved device performance in clinical settings.

#### **Key Benefits:**

- Developed a custom Linux OS tailored for medical device performance
- Built an intuitive Python-based GUI for ease of use by medical professionals
- Delivered a multifunctional Android app with NFC features for asset and accessory management
- Integrated encryption and digital signatures to ensure secure and authentic data handling
- Enabled robust, real-time interaction between hardware and software layers