



CASE STUDY

Industry 4.0 based **Connected On-field Medical Products** to have real-time insights



Client

The client is a leading American medical equipment manufacturing company specializing in sterilization and surgical products



Business Challenge

- ❖ Lack of insights on on-field medical products about their performance, operations, and health
- ❖ Unavailability of data to arrive at proactive service leading to increased breakdowns
- ❖ Need for a scalable solution that can accommodate the ambitious growth target of the organization in terms of deployed field devices



ITC Infotech Solution

- ❖ Single edge connectivity kit to acquire data across the families of devices
- ❖ High availability event BUS to accommodate and scale up to 50,000 devices
- ❖ Developed centralized device provisioning, for secure & remote deployment of services on edge over the air
- ❖ Solution is designed to provide an easy-to-use interface with in-depth insight into equipment usage
- ❖ Easily deployable auto-registration capable edge device kits

Business Benefits

Real-time visibility and **tracking of on-field medical products**

Proactive service reduced breakdown of medical assets by **6-8%**

Ease of regular calibration and compliance test of medical equipment

About ITC Infotech

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.

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