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INFECTION CONTROL PROTOCOLS MEET THE FUTURE OF DATA CAPTURE

The modern healthcare system features miraculous advancements in technology, treatments, and methods of healing. The equipment used to diagnose and treat patients has changed radically in just the past 50 years. Doctors now have the means of looking at the human body in ways that could only be imagined on Star Trek before. Every day, medical science brings us closer to curing everything from cancer to the common cold.

Much of this advancement is a direct result of a greater understanding of pathogens, contamination, and proper sterilization techniques, some of which have only been around for the last 20 years or so. It's almost shocking to realize that much of our medical knowledge and understanding of healthcare procedures is predicated on things we've learned in just the past few decades. The good news is that we have better sterilization and reduced contamination in hospitals and healthcare facilities as a result. But in order to maintain these gains in quality care, medical facilities have to remain vigilant in their practices to protect against accidentally transferring, contaminating, or spreading bacterium, viruses, or other microorganisms within their facility.

Decontaminants and disinfectants are the line of defense used as part of the sterilization process when protecting the safety of hospitals, clinics, care centers, and offices. Protocols developed by the Centers for Disease Control and Prevention (https://www.cdc.gov/infectioncontrol/guidelines/disinfection/index.html) established standards for ensuring that contamination isn't spread by people, equipment, instruments, or materials used in medical facilities, and these standards are required of every medical facility in the United States. These protocols help to keep patients safe and healthy during their visit, regardless of how long or short it may be.

However, disinfectants, cleaners, and decontaminants are made of harsh chemicals, and some equipment and instruments don't hold up well to even one use, let alone a daily routine and possibly multiple exposures to these compounds. Because of the costs associated with replacing this equipment, some healthcare professionals are tempted (or sadly even encouraged) to minimize sterilization practices.

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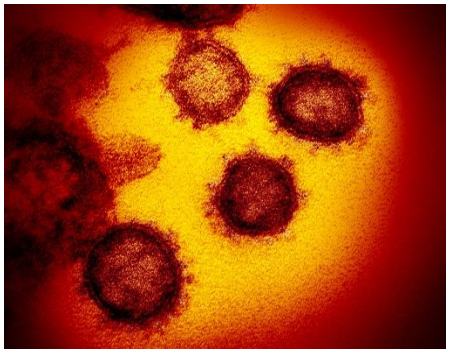
Unfortunately, this increases the risk of cross contamination. The rise in health issues such as Staph infections, MRSA, *Pseudomonas aeruginosa, E coli,* salmonella, and Clostridium sordellii can be directly attributed to failure to follow CDC protocols. These infections can lead to increased hospital stays, increased medications, possible surgical intervention, or even patient death.



Many hospitals will go to extreme lengths to be in compliance with these regulations, even disregarding manufacturer suggestions for the cleaning and care of equipment. For the purposes of thoroughness and expediency, it's not uncommon for staff members to take a short-cut, even if it means risking the integrity of the equipment. Soaking smaller implements in the harsh chemicals designed for cleaning and disinfecting is an easy temptation in the fast-paced medical environment. A large number of pieces of equipment fall victim to the liquids which are meant to help hospitals maintain a safer environment. They can be corrosive to plastic and metal alike, shortening the life span of the equipment and increasing cost for the facility. Given the cost to replace equipment that becomes compromised, it would seem that finding a product resistant to the damages of disinfectants and cleaners would be a near godsend to those hospitals and clinics.

Let us introduce you to one of those resistant products: the CR2700 is built specifically for the healthcare community and offers a number of features that launch us far ahead of the competition (https://www.codecorp.com/portfolio-items/code-reader-2700/). Among the advantages of the CR2700 are:

- Inductive charging, which means no exposed metal. This eliminates chemical corrosion caused by disinfectants and cleaners.

- Bluetooth Low Energy 5 for enhanced data security, throughput, and transmission range.
- Streamlined case eliminating hard-to-disinfect nooks and crannies.
- PVC-Free CodeShield® medical-grade plastics stand up to harsh disinfectants.
- Lightweight, ergonomic models in palm and handled configurations.
- Durable, quick-release rechargeable battery cartridges save time.
- Smart battery shows battery health with a visible fuel gauge.
- Visual, audible, and haptic indicator customization for workflow needs.
- Patented dual-field optics, both high density and wide field in the same unit add versatility and function.
- Patented glare reduction technology means reading barcodes on shiny surfaces is no longer a challenge.
- High speed, omnidirectional reading of all barcodes used in healthcare makes the process faster and more accurate.
- Multiple programmable buttons allow you to create customized workflow processes.

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- Pair to Bluetooth supported Android, iOS, and Windows devices and tablets.
- IP65 rating seals out dust and moisture for longer product life.
- CortexRM® Remote Management ready.
- Powerful data management capability with JavaScript.
- Code Complete service and extended warranty plans ensure your satisfaction.

Being purpose-built for the healthcare environment, the CR2700 is naturally the perfect fit for nurses, CNAs, and those with varied workflows. Small enough to fit in scrub pockets, healthcare workers can carry the CR2700 from room to room for point-of-care activities like patient verification and medication administration.

When you compare the CR2700 against leading competitors, it becomes even more obvious why Code is the vendor of choice for a growing number of healthcare providers. Our competitors can't match the on-point benefits that the CR2700 has to offer. Compare for yourself and you'll see that we excel on every key point (and some of the smaller points, too).

Customer needs	CR2700	Other wireless readers	CR2700 values
Quick and easy routine disinfection	Wipe down in less than 1 minutes as a result of no exposed metal parts or hard to reach spots plus CodeShield plastic	Wipe down in several minutes Wait 30 minutes to dry	Wipe down and go with virtually no disruption to workflow – saving a nurse 30 minutes or more per device.
Secure data transmission	BLE 5 with AES-128 encryption by default	Old Bluetooth standards with optional encryption	Meet data security needs of most applications without the need for enhancements
Durable	IP65 rating – highest on the market	Inferior IP ratings	Seal out moisture and dust; superior durability along with 6' drop protection. Minimize downtime and service costs
Proactively manage battery health	Battery health information with onboard power gauge	No battery health information or power gauge	No guessing games in managing battery life and prevent downtime due to battery degradation
Effective asset tracking and management	Custom deployment dates plus Link Lock or Whitelisting	Manually tracking deployment dates with no whitelisting	Protect investments and reduce out-of-warranty service costs
Future proof	Latest BLE standard with inductive charging	Old Bluetooth standard with old pin/contact charging	Latest technologies built with Code's vast experience in serving healthcare market to provide unmatched values

Don't take our word for it. Call to demo the CR2700 for yourself for free and see how versatile it is and how it holds up to your most stringent disinfecting regimen. It really is the answer to your medical barcode scanning challenges.

Call us today - 801-495-2200.

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