VIDEX®

# CyberBadge®

# CyberBadge Features

## Usability
Grab and go with CyberBadge's intuitive multi-use scan application that is easy to use and quick to deploy.

## Adaptability
Make use of the robust SDK or the visual application builder to unlock a fully customizable scanner, or simply deploy the CyberBadge with the multi-use application and begin scanning!

## Flexibility
Install CyberBadge where you need it. From a single desktop solution to a globally hosted solution in a web-application environment, CyberBadge can be integrated seamlessly to complement your system.

## Durability
Designed and manufactured in the U.S.A. with high-impact, fiberglass-reinforced plastic and a compact form factor to provide durability and practicality in nearly any environment.

# How it Works?

The CyberBadge handheld barcode and RFID scanner is a user-friendly and versatile data collection device. Optimized for speed and efficiency, a streamlined interface allows users to grab a CyberBadge and immediately go to work reading barcodes and RFID tags. The simplicity of the CyberBadge's 'point-and-scan' multi-use application provides immediate functionality without requiring extensive configuration or employee training.

Videx offers powerful development tools for the CyberBadge that enable rapid implementation of customized applications. Custom CyberBadge applications can be tailored to execute the essential tasks in nearly any operation while preserving the intuitive, streamlined user experience.

Developers can create turnkey or build-to-order CyberBadge applications with a flexible SDK built on JavaScript. For the ultimate convenience, a web-based application builder enables the creation of custom CyberBadge applications using an intuitive, diagram driven environment that doesn't require programming or JavaScript expertise.

CyberBadge Wi-Fi includes a 13.56 MHz RFID reader and Wi-Fi syncing capabilities, as well as communication via a USB station. This model is useful when the data is needed more timely via remote transfer.

CyberBadge 2D includes a 13.56 MHz RFID reader, Wi-Fi syncing capabilities, communication via a USB station, and a 2D barcode reader, which allows it to read over 40 variations of 1D and 2D barcodes.

## Security Challenges in the Security Industry

Clackamas County Jail, located in Clackamas, Oregon, houses an average of 450 inmates. With approximately 20 deputies on staff on a given day, the jail is a busy place. According to their mission statement, Clackamas County Jail strives to "promote safety while finding innovative solutions" to the difficulties they face. Due to a lack of accountability and the threat of litigation, an "innovative solution" to capture data within the jail was an immediate need.

## Challenge: Accountability and Liability

Clackamas County Jail faced a difficult problem in terms of tracking the whereabouts of inmates throughout the day. All data collection was done through pen & paper, causing lapses in time, forgotten information & piles of paperwork. Deputies were tasked with cataloging the inmate whereabouts, such as check-in/check-out, headcount, and which facilities inmates accessed throughout the day. They faced legal challenges when inmates claimed they were not granted access to particular activities or accommodations. Lapses in time and forgotten information created liability for the jail, as they could not provide evidence to the contrary. Litigation was the driving force in finding a data collection solution to solve inmate-tracking issues.

## Solution: CyberBadge

In 2015, Clackamas County Jail implemented CyberBadge into their daily operations. Deputies carry a CyberBadge, which allows them to scan barcodes assigned to each inmate and barcodes assigned to specific locations or activities within the jail. Deputies scan their own barcode, then scan the inmate barcode, and then finally scan the barcode associated with the location they are at within the jail. When captured in the CyberBadge, the log will show that Inmate X was at Location Y, according to the scan made by Deputy Z. This data is collected and synced to the CyberBadge Web Server in real time to meet Clackamas County Jail's needs. However, the CyberBadge also has the ability to store data until it reaches a docking station to sync. This provides ultimate flexibility for various applications. According to Clackamas County Jail's systems manager, Jenny Winkler, the CyberBadge is "small enough to fit in the deputy's pocket, easy to use and very durable." Winkler states that she is highly satisfied with the implementation of CyberBadge as "it has helped alleviate the hassle of manual data collection as well as litigation concerns."

Videx, Inc. has been manufacturing innovative electronics since 1979, developing 3 flagship product lines. Videx got its start by developing display enhancement modules for Apple II computers. In 1985, Videx entered the data collection market with its first portable bar code scanner. From 1985 to 1999, Videx focused primarily on data collection devices, releasing a variety of innovative products. In 1999, Videx founder Paul Davis recognized a need for an access control solution that required no hardwiring. Paul's foresight led to the invention of CyberLock, a state-of-the-art new product line. CyberLock, Inc. branched off as a separate company in 2012, however Videx and CyberLock continue to collaborate on future projects. Meanwhile, Videx has continued to design and manufacture data collection devices, and in 2019, celebrated 40 years in business. Videx's most recent innovation is CyberBadge, a portable data collection device designed with the user in mind.


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