

# PARTNER EXCLUSIVE ACCESS



EMPOWERING INTELLIGENT DECISIONS THROUGH DATA CAPTURE

## SPECTRALINK: ENHANCING WIRELESS COMMUNICATION

### INTRO

Spectralink is an OEM specializing in wireless communications devices built for use within the four walls of the modern enterprise. As industry leaders and technical innovators, Spectralink offers industry-focused mobility solutions for a variety of verticals. Their devices deliver superior voice quality and consistency using their proprietary Voice Over IP (VOIP) technology creating an end-to-end mobility portfolio.

While Spectralink, serves a variety of industries including retail, manufacturing, and more, it is a key player in the healthcare communications sector providing more effective communications for more effective health care. Hospitals and healthcare systems around the country equip their doctors, nurses, and support staff with Spectralink devices to enable the consistent and reliable flow of real-time communication and improving workflows through superior voice quality and devices which integrate seamlessly with leading healthcare applications and EHR systems.

### CHALLENGES

To deliver enterprise-grade mobility solutions that enable people to do their jobs better, Spectralink continually seeks out pioneering technology to improve their product offering. The company was looking to stay competitive and meet the ever-evolving needs of the US healthcare marketplace. As competitors enter the field in greater numbers looking to take a bite out of Spectralink's success, Spectralink wanted to stay ahead of the curve by enhancing their product offerings and maintaining their leadership role.

Among the challenges in the healthcare arena, one of the most notable is the increased use of barcodes and barcode scanning to improve efficiency in patient care. Everything from medication administration and patient ID verification to equipment inventory and asset management is managed by data collection using barcoding. By adding enterprise-grade barcode scanning to its already powerful communications tech, Spectralink could strengthen its position in the marketplace and continue to keep the competition at arm's length. But in order to achieve this, they needed an SDK designed to meet their unique needs which would work with their existing, highly successful hardware. They also needed a company that understood the hospital work environment and had experience with the workflows and challenges faced by hospitals and clinics.

### SOLUTION

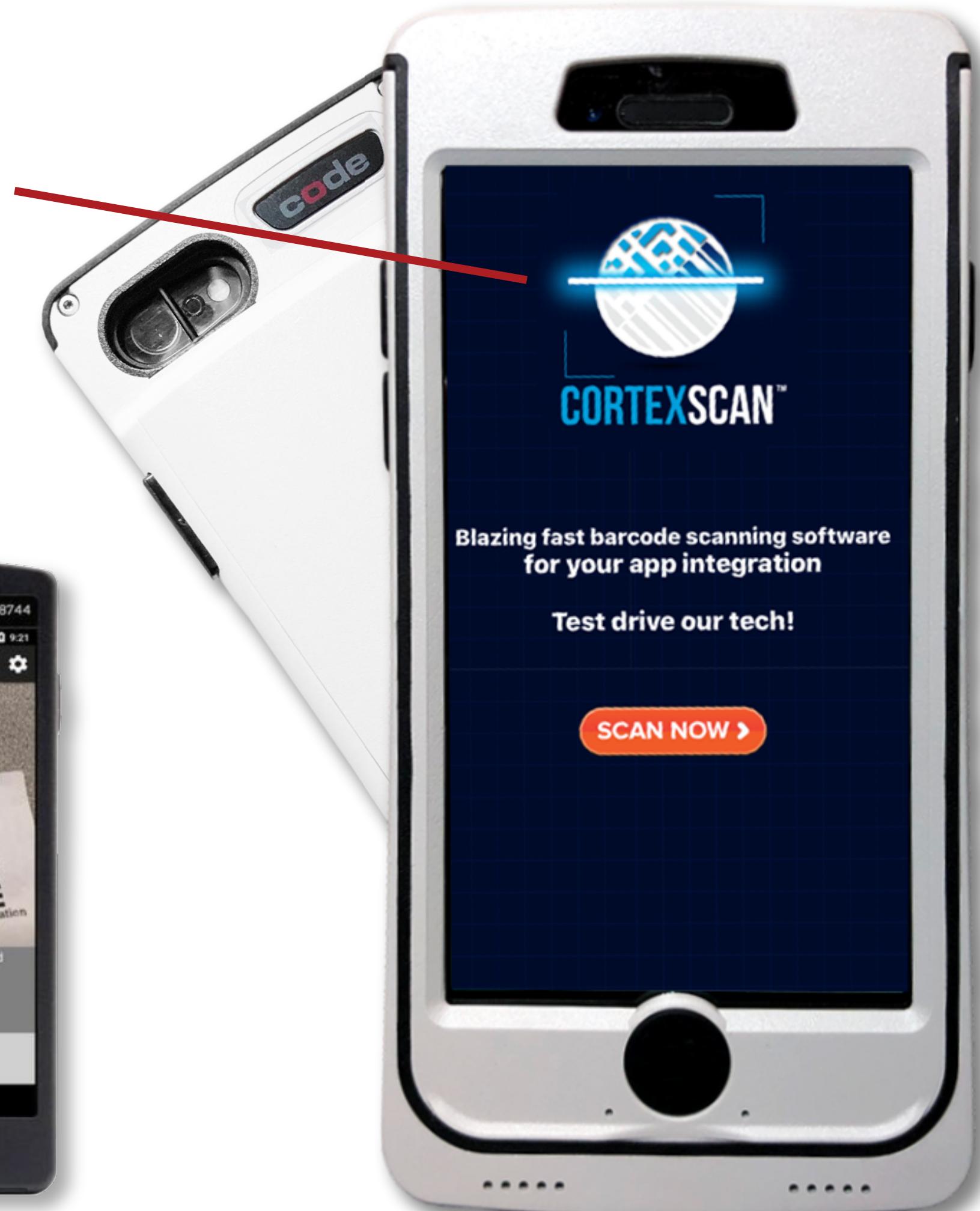
The Spectralink team began researching their options and trying to match their products against the barcode scanning software available. They put each contender to the test, looking for speed, accuracy, and efficiency as the hallmarks of the most effective SDK to meet their needs and the needs of their clients. In a hospital environment, scanners need to be able to read barcodes in low light, on reflective surfaces, and even when the barcode is faint or damaged. After checking out the available options, Spectralink decided to add the revolutionary enterprise-grade barcode reading software CortexDecoder to their OEM hardware. CortexDecoder integrates with the native camera in the Spectralink devices instead of having to equip each device with a scan engine built specifically to read barcodes. By integrating CortexDecoder SDK barcode reading software with Spectralink devices, medical staff can efficiently and accurately monitor bedside care including aspects like patient ID, medication dosage, and frequency of medications.

After adding the CortexDecoder in 2016, Spectralink was able to eliminate the need for an expensive scan engine and providing a better barcode reading solution in their products. As a result of CortexDecoder's SDK performance, Spectralink increased their customers' workflow productivity while decreasing equipment spending. Since CortexDecoder SDK works with the device's built-in camera, it provides an improved and more intuitive user experience. This simplicity of design also means there are fewer parts which leads to greater reliability, fewer issues with damage, and greater savings on equipment costs.

### RESULTS

CortexDecoder's barcode reading SDK improved the speed of Spectralink's barcode reading across the board. When challenged with damaged or distorted barcodes, the devices read with zero-miss accuracy at a rate six-times faster than the competition. Additionally, CortexDecoder could read barcodes on shiny or reflective surfaces, such as medication packaging or IV fluid bags, as well as accurately scanning in low light or from difficult angles.

Code® worked with Spectralink to deliver very specific custom requirements for the devices CortexDecoder would be deployed on. As a result of this partnership, Spectralink now has a portable solution that can be incorporated into future product development platforms and additional product offerings and ensures that Spectralink will remain on the cutting edge for a long time to come. If you're looking for a custom solution to your barcode scanning needs, contact Code and let us show you how we can find the right solution for you.



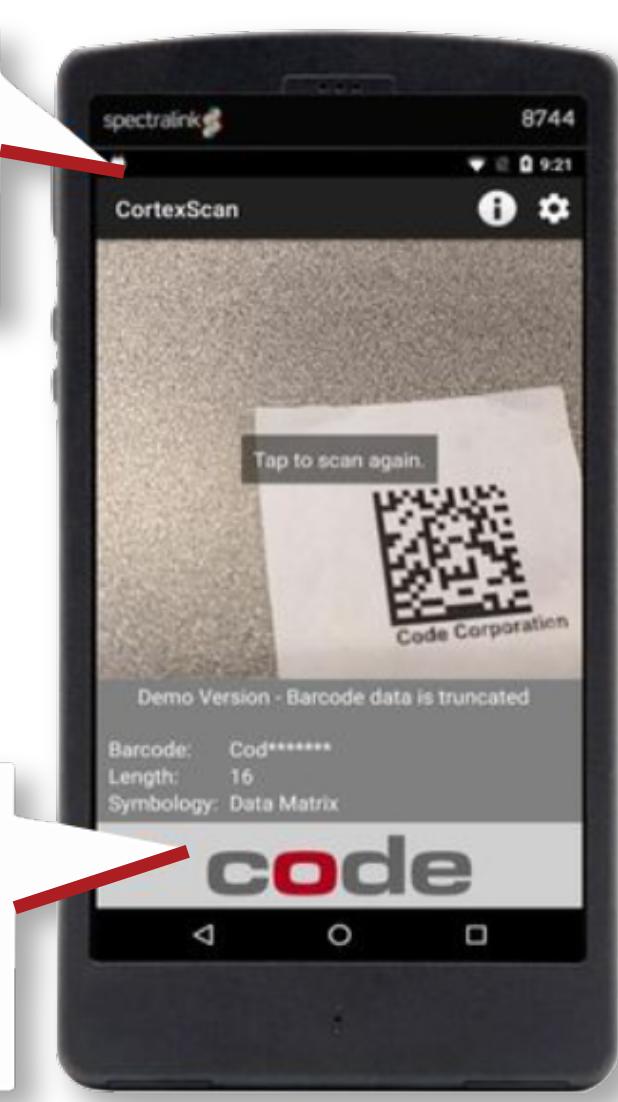
Reduction in camera startup time; set fixed focal length for scanning



Customize buttons to initiate scanning

Camera flashlight lens optimized to facilitate scanner aiming

Integration of industry leading decoding algorithms with Code's CortexDecoder



To learn more about the value of partnering with Code, call us at 801-495-2200 OR visit [codecorp.com](http://codecorp.com). We welcome the chance to show you what we can do for you.