# EMPOWERING WORKERS
# IN FIELD SERVICES

Solution Brief

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> Integrating SwiftDecoder™ SDK (Software Development Kit) into field services not only streamlines processes but also reduces worker errors, improves data accuracy, and enhances overall productivity.

In field services, bringing your own devices and established practices are common. This approach can bring benefits including increased flexibility, cost savings, and improved productivity with your enterprise-built barcode decoder. In many cases, these field devices are being used where barcode reading in a variety of situations is required. It is important to select a reliable and versatile barcoding SDK that meets the specific needs of your field service operations. Integrating the SwiftDecoder™ SDK into your workforce is the solution.

## SWIFTDECODER SDK

Take your field operations to the next level. By incorporating the SwiftDecoder SDK, processes are streamlined, accuracy is improved, and errors are reduced, thereby empowering your workforce and enhancing productivity.

### Advantages

- **Efficient**: fast scanning with functions for continuous, batch, preview and select scanning.
- **Powerful**: reads damaged, incomplete, or poorly printed barcodes with ease.

- **Flexible**: reads in poor light conditions and 360-degree angles to improve read rates.
- **Multi-platform**: supports native or hybrid platforms to fit your operation.

## APPLICATIONS

SwiftDecoder SDK is the answer in a variety of field service processes.

- By integrating the SwiftDecoder SDK, field service technicians are equipped to efficiently capture and manage data, which is pivotal for a variety of workflows. This includes tracking work orders, overseeing inventory, accessing schedules and job assignments, obtaining route information, providing real-time updates, minimizing manual communication, and enhancing overall workforce management.
- Inventory management requires the ability to quickly and accurately scan barcodes on equipment, parts, and inventory, even in challenging conditions where barcodes can be damaged, difficult to read, or in low light conditions.
- Asset tracking allows workers to

efficiently log and update the status of assets and record any repairs, inspection, or location changes.
- Parts and replacement ordering integrates the process by quickly scanning the barcode of the faulty part, identifying it and ordering a replacement. With AR (Augmented Reality) in the application, visual cues for stock, price changes or verifying product details can be provided.
- Equipment maintenance technicians can scan a barcode to access equipment manuals, service history and maintenance check-lists to ensure the right procedures are being followed.
- Customer verification is quick and accurate by scanning customer ID cards or service agreements.
- Tool management scanning helps track tools and equipment to ensure the right tools are available for the job and prevent loss or misplaced equipment.
- Serial number and meter scanning by field workers are required with diverse types of barcodes and OCR (Optical Character Recognition).

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## OPTIMIZATION AND INTEGRATION

SwiftDecoder's optimized algorithms, high-speed, and flexible decoding capabilities ensure efficient barcode recognition. Integration is easy, allowing developers to incorporate barcode scanning, OCR and AR functionalities, thereby facilitating a smooth implementation process. With 50 years of scanning innovation, Honeywell is a global leader in the industry. The SwiftDecoder SDK leverages Honeywell's extensive experience and expertise in barcode technology, that offers robust functionality and dedicated support along with regular updates. We work to keep our technology current and remain aware of evolving trends, standards, and customer requirements.

## SUPPORT PLATFORMS

SwiftDecoder supports a wide range of camera-enabled devices including smartphones, tablets, PCs, payment terminals, drones, robotics, industrial and purpose-built devices. The SwiftDecoder solution is also compatible with major operating systems including iOS®, Android™, Windows® and Linux™, and wrappers like .NET MAUI®, Cordova™ and React Native™.

## DOWNLOAD OUR DEMO APP

Turn your device into a powerful scanner today with our SwiftDecoder Demo App. You can test a wide range of scan modes that work across industries, including beyond barcode data and image capturing capabilities like optical character recognition (OCR), and ID scanning. Click the links below to download the demo app or search 'HONEYWELL BARCODE SCANNER' in your app store.

Download from the Apple App Store:

Download from the Google Play Store:

## REGISTER FOR A FREE TRIAL

Get your project started with a 60-day SwiftDecoder free trial. Simply provide the information requested to complete the Trial Software Agreement and a Honeywell representative will get in touch to organize your trial license. You can also access our trial program from the SwiftDecoder Demo App.
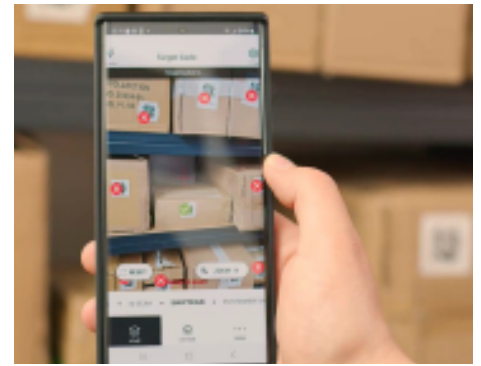
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