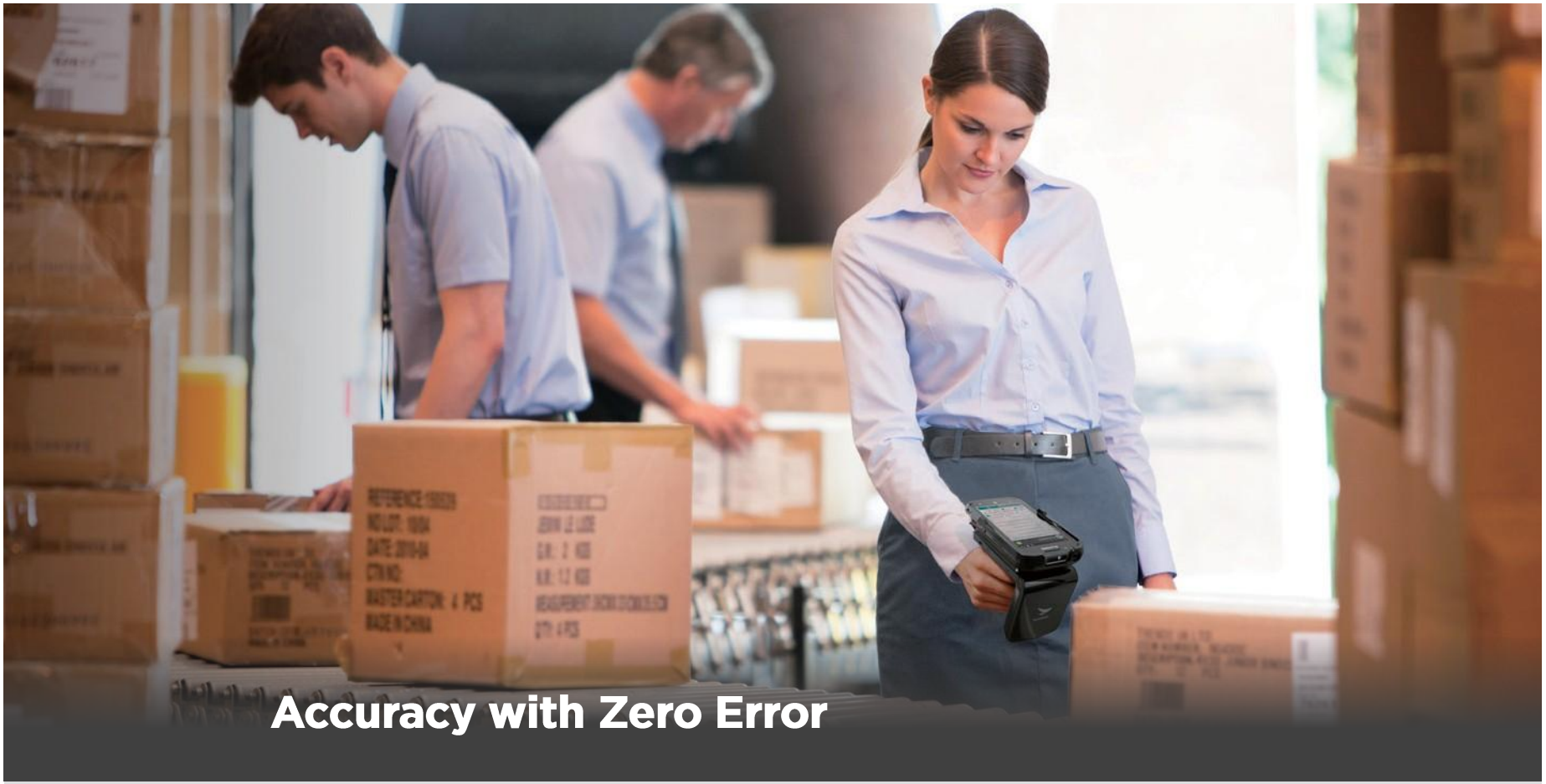
BLUEBIRD RFID READER SOLUTION

Take Zero Error to Stay Competitive

RFID Reader + Touch Mobile Computer

Keep two steps ahead of your competitors with true accuracy and faster performance. Despite it not being BYOD, it offers dramatic capturing accuracy and complete data transference with purpose-built design. Equip your employees with one of the most advanced RFID reader solutions. It provides faster and more accurate workflow with zero error occurrence. Bluebird RFID Reader solutions allow you to obtain knowledge on tracking inventory of supplies, customer engagement both online and in-store and monitoring enterprise assets.

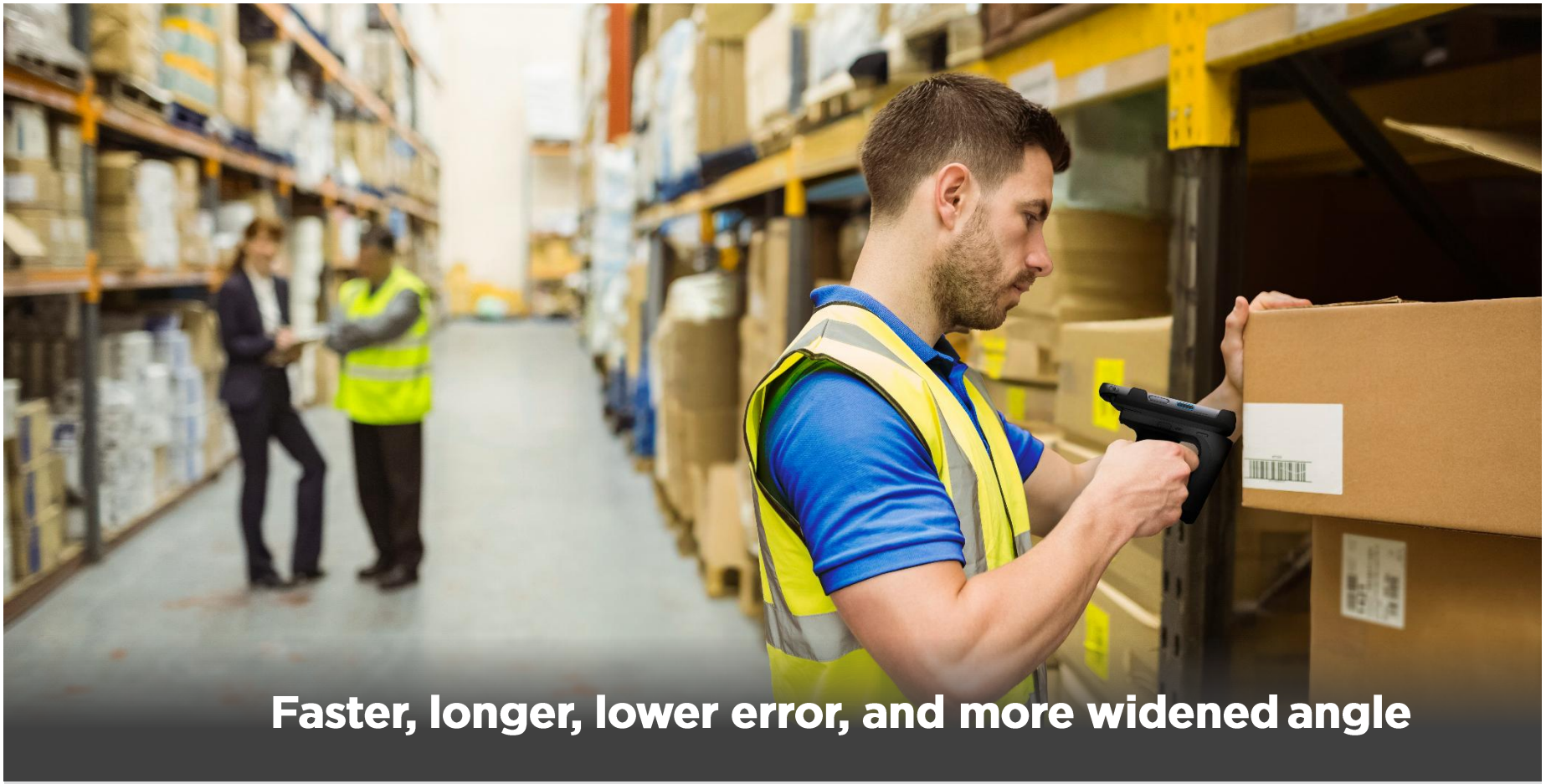
BLUEBIRD
A TSC Company



Accuracy with Zero Error

Challenges

RFID technology is not big news any more. The price of tags got lowered, many applications are developed rather easily and RFID devices are more accurate than ever before. This trend allows many distributors, warehouse managers and even government officers to use RFID technology. And it also makes it easy to improve inventory management, workflow and tracking. Retailers can create an omni-channel experience for customers, provided via cross-channel.



Faster, longer, lower error, and more widened angle

Solutions

Bluebird RFID Reader solutions help you manage inventory assets and improve your productivity by providing the true accuracy and faster performance to the next level. To that end, Bluebird RFID Reader, RFR900 delivers more powerful RFID reading. It has demonstrated lower error occurrence through physical contact data transmission and more widened angle with no blank space. Even the usability of ergonomic trigger handle makes your hand comfort while you work. It recognizes and processes data at rapid speed, increasing efficiency for all your management duties and identification.

Economic Efficiency by utilizing with Mobile Devices

Benefits

Bluebird RFID Reader solution provides various mount options that make users to utilize Bluebird mobile devices that they are already using. There is no need for users to purchase additional terminals for RFID Reading, which means Bluebird RFID Reader is designed to increase cost efficiency. By Bluebird RFID Reader solution, customers can get insight into control costs and reduce the amount of inventory.

Key Features

Bluebird RFID handheld device solutions enable you to stay competitive

Zero Error
Data Transference

360 Reading
No Missing Data

Faster
Stay Competitive

Longer
Reading

Key Features

Capture efficiency

Bluebird RFID Reader solution provides competitive and powerful functionalities to keep ahead of your competitors

Fast, Long, Lower Error Occurrence and Widened Capturing Angle with UHF

The RFR900 comes with unprecedented RFID reading capabilities. This powerful technology makes it easy for your associates to capture data when the product is not normally reachable with standard methods. It offers industry-leading reading capabilities as well as faster and longer operation. Unlike its competitors' models, the reading angle is almost 360º, which has no blank space(null points). It's also a much wider reading angle than others. Even the reading rate, reading multi tags per second, is much more.

Zero Error Occurrence for Data Communication

Through physical contact and Bluetooth between RFID reader and Bluebird Touch Mobile Computer, data transfer achieves error zero rate. Moreover, Bluebird considered for all the type of data transfer possible. A variety of it are available such as USB, Bluetooth, WIFI and etc.

Easy Toggle between RFID and 1D/2D barcode

Users can simply push the button on the left to switch between RFID and barcode scanning.

SDK, Developer Friendly Environment

Bluebird Software Development Kit(SDK) is a great starting point for developing a RFID reading application. The SDK contains a variety of useful materials for developers, including extensive documentation, tutorials, samples, best API practice guidance, and the libraries of API for numerous development purposes. Along with Bluebird SDK features, clients are free to develop their own applications for their unique needs and it provides latest update through Bluebird TMS to make it up and improve security.

Key Features

Capture efficiency

Bluebird RFID Reader solution provides competitive and powerful functionalities to keep ahead of your competitors

Ergonomics and Lightweight

In order to maximize portability and comfort for prolonged use, this handy RFID Reader is built ergonomically in a pistol grip frame and designed with light materials. This perfect size and weight match with hand-held operation in various industries for both men and women.

TankSmith™ Technology

BLUEBIRD *Tanksmith*™

All components are designed with industrial use in mind and they have been tested in the field to eliminate any possible operational failures. Along with a number of rigid tests, Bluebird products are purpose-built to withstand rigors of harsh industrial environments.

Efficient Charging Method

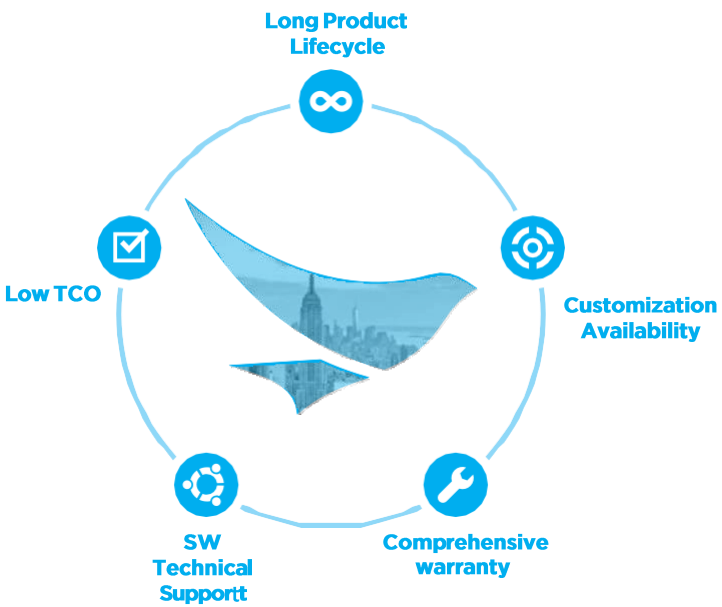
The RFR900 can be charged with Bluebird's touch mobile computer series(EF55X Series, S Series, etc) together on the cradle of touch mobile computer so you don't have to charge them separately.

Bluebird RFID Reader - **RFR900 + S50**

Key Benefits

Bluebird guarantees ...

Bluebird RFID Reader solution provides enterprise class benefits to keep two steps ahead of your competitors



Long Product Lifecycle

All the components will not be discontinued for the next 5 to 7 years to ensure availability and support. Bluebird products never end without notice.

Customization Availability

Bluebird meets all the business demands and has supported numerous businesses in the very unique environment. OS initializing, SW maximum work availability, HW component modification, module replacement and etc., Bluebird can cope with all the most demanding issues.

Low TCO

All components are designed with industrial use in mind and have been tested in the field to eliminate any possible operational failures. That ensures low downtime and fewer operational failures and the owners achieve less total cost throughout whole process, in the result.

Comprehensive Warranty

Enterprise class warranty programs ensure that Bluebird devices stand long use. BluebirdCare is up to 5 years.

SW Technical Support

Customized SW support by Bluebird's dedicated team will guide you from installation phase to maximum working capacity to serve you with the most reliable environment for your business.

Compatible with Bluebird Touch Mobile Computers

They are not just ‘all inclusiveness’.
They will give you what you’re buying and what you’re keeping in future.

S Series

The S Series(S50, S70, and S20), Bluebird's latest industry-leading, innovative 5G mobile computers, boast powerful dedicated 5G support, offering a tailored network environment and high-level security. The S Series enhance productivity with fast, uninterrupted connectivity essential for environments requiring autonomous vehicle management or real-time data processing.

EF551

The EF551 is a rugged Touch Mobile Computer which captures the essence of all touch screen technology of Bluebird. This mission critical, Touch Mobile Computer brings enterprise class mobility and industrial ruggedness together. The EF551 runs enterprise class OS to meet maximum work capacity, and has a great reputation in the overseas market.

HF550X

The HF550X-RFID is the ultimate all-in-one device seamlessly combining RFID, NFC, and mobile computer. Powered by the lightning-fast Qualcomm Snapdragon660 octa-core processor, the HF550X-RFID is perfect for streamlining operations across various industries, from retail to healthcare.

EF401

The EF401 is a 4-inch pocket sized Touch Mobile Computer. It is rugged and fits comfortably in your pocket while delivering true mobility, durability and functionality necessary for daily requirements. Overall, it is reliable and provides fast performance.

Through physical contact between RFID Reader and Bluebird Touch Mobile Computer, data transfer achieves error zero rate

Zero Error with direct data pin contact

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Bluetooth™

Excellent Bluetooth guarantees reliable data transfer

Bluebird RFID Reader - **RFR900 + S20**

Use Cases

Bluebird RFID Reader solution, RFR900 and Bluebird touch mobile computers are powerful tools which enables you to achieve solid competence and complete control for inventory management. With instant tracking and sharper visibility, many users can obtain tremendous insight in various industries such as warehouse, logistics, retail, healthcare, government, etc.

Bluebird RFID solutions allow the distributors to know how much is on its way to distribution center and destination, how many items left on the pallet in the warehouse, what kinds of item are heading exactly where and etc. This means Bluebird RFID packages bring real efficiency to reach the next level. Of course, they achieve a great amount of rapid return on a technological investment in a short period.

In the environment of retail, users can measure product consumption, monitor shopping patterns, and control inventory more efficiently. Through this process, a retailer ensures that its shelves are stocked.

For transportation business, with comprehensive Bluebird RFID Readers, you can obtain real-time visibility in sync with the backend systems as well as print receipts on the spot. Fast ticket purchases and accurate verifications with Bluebird enable passengers to enjoy an expected trip experience. In terms of business management, you can immediately track how many passengers are on board or when people use your transport units the most. This is one of the major reasons why many clients choose Bluebird.

Besides logistics, warehouse, retailing, etc., many facilities of healthcare and even government use RFID technology. One of the major reasons that many medical facilities approach RFID system is the reduction of supply overstock. Automated replenishment allows medical staff to save a great deal of time from keeping up with inventory. Injection safety with positive patient ID, track and trace prescription drugs and etc. are major factors for applying RFID technology in medical units.

Lastly, the government's well-known use of RFID is identification and tracking people and assets in transit, tagging passports and etc.

Inventory management

Eliminating out of stock

Putaway and replenishment

Omni-channel retail

Sorting and receiving operations

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Product Guide Notice

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