

Bluebird's Smart Retail

One Solution, Limitless Capabilities



BLUEBIRD RETAIL SOLUTION

Unlimited Innovation for Better Life

Bluebird has always focused on boundless innovation with confidence, setting the standard for current market leaders. It is in moments of decision that Bluebird helps improve your life.

No.1 Provider

No.1 provider for Industrial mobile solutions including RFID, Mobile Computer / Tablet, Payment Solution

History Since 1995

Certified by R&D history since 1995 and placed in the global top 3 as a provider of high-end enterprise mobility management

Technology-Oriented

Technology-oriented company which started as a software company for VoIP, Mobile, and PC messengers (Skype, and Kakao Talk) in 1995

Stunning Competency, Maximum Usability

Optimized usability, powerful accessories and un-compromising quality & price for value

3,300 Global Customers Across 120 Countries

Trusted by 3,300 enterprise customers with global brand power, providing integrated services for total enterprise IoT environment

2,000 Global Partners

Enhancing product quality and service through strategic partnership

A to Z Support

BOS™ total solution, BlueBirdCare™ service plan

Intensive R&D-Driven Company

52% of total employees(140 out of 267) are R&D Development personnel*

* Average percentage of development workers in 2020: 5.8%

Source: Korea Institute of S&T Evaluation and Planning, KISTEP

VARIOUS VERTICALS

Optimized Solution for Any Kind of Business Environment

The world’s top-tier companies from the industry of retail, transportation, logistics, and healthcare to government have used our solution and constantly upgraded to expand their usage.

Retail



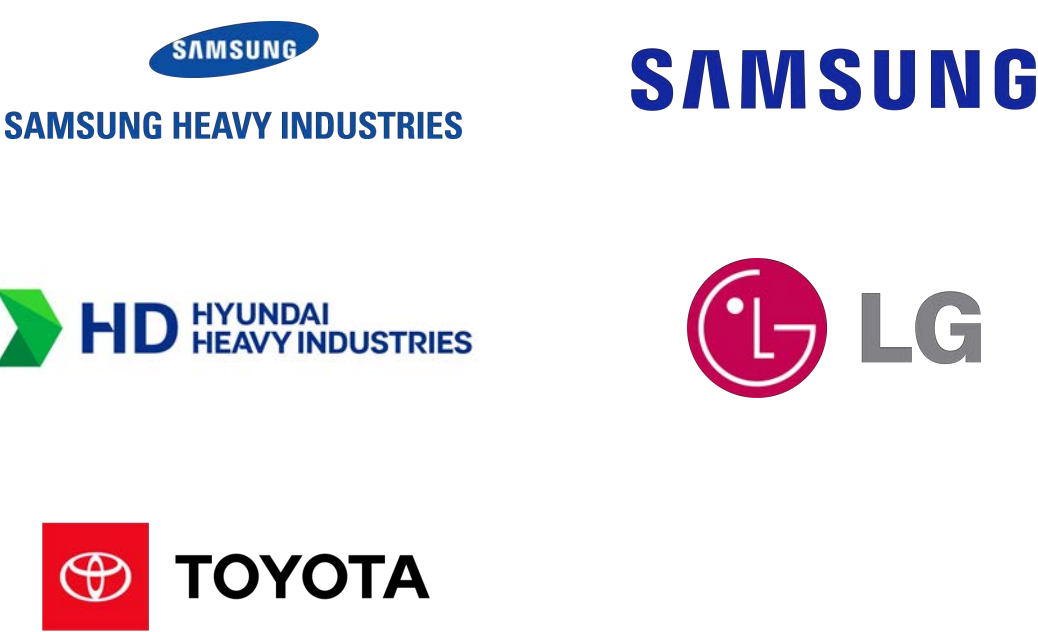
Logistics & Transportation



Government



Manufacturing



Healthcare







Professional Service

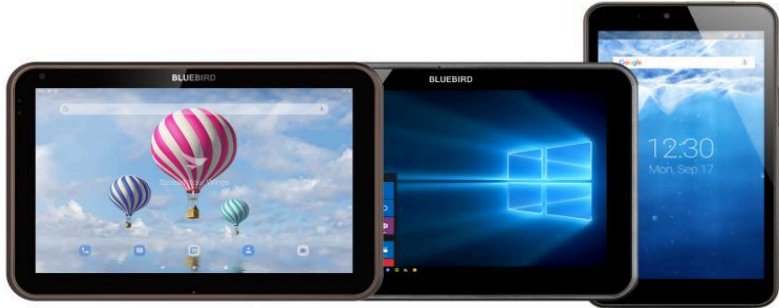
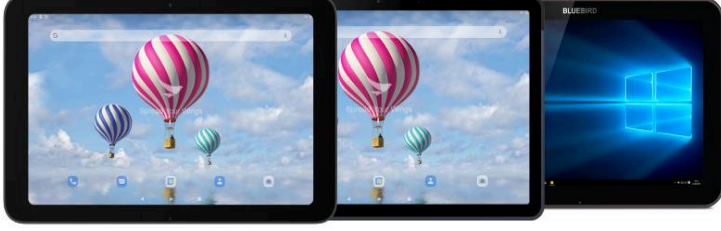



DEVICE & MANAGEMENT SOLUTION







MOBILE COMPUTER

Rugged Mobile Computer	Managed Mobile Computer	Keypad Mobile Computer	Specialized Mobile Computer
			



ENTERPRISE TABLET

Rugged Tablet	Managed Tablet	Specialized Tablet
		


RFID SOLUTION

Handheld RFID Reader	Fixed RFID Reader	Desktop RFID Reader	Short Range RFID
			
RFID Integration System			
			
RFID-Antenna			
			

PAYMENT TERMINAL

Portable	Countertop	Retail Mobility
		

AUTOMOTIVE	INTERACTIVE KIOSK
Vehicle Gateway	Customer Concierge
	

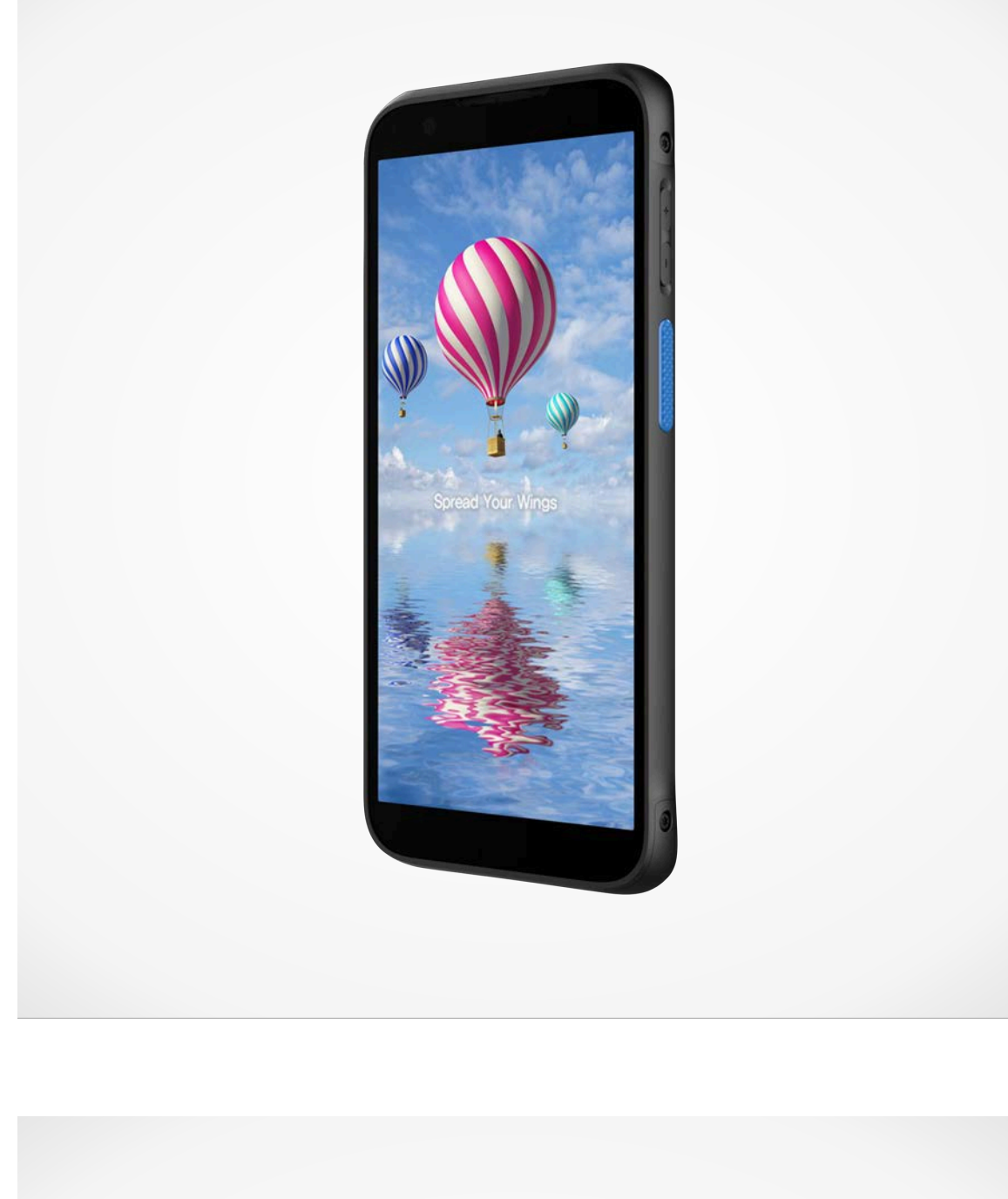
INDUSTRIAL ACCESSORY


SOFTWARE SYSTEM				
Development	Deployment	Secure & Manage	Productivity	Maintenance
BOS™ SDK	BOS™ Extension		BOS™ VoIP /PTT	BOS™ Power Manager
BOS™ RFID Development Kit	BOS™ Provisioning	BOS™ KIOSK	BOS™ Wi-Fine	BOS™ Data Tune™
	Bluebird ZeroTouch	AER	BOS™ Keyboard	Bluebird Care™
	BOS™ TMS	BOS™ Secure Care™	BOS™ OneScan	BOS™ OTA
		BOS™ Device Finder		
	BOS™ NEST			

DEVICE & MANAGEMENT SOLUTION

MOBILE COMPUTER

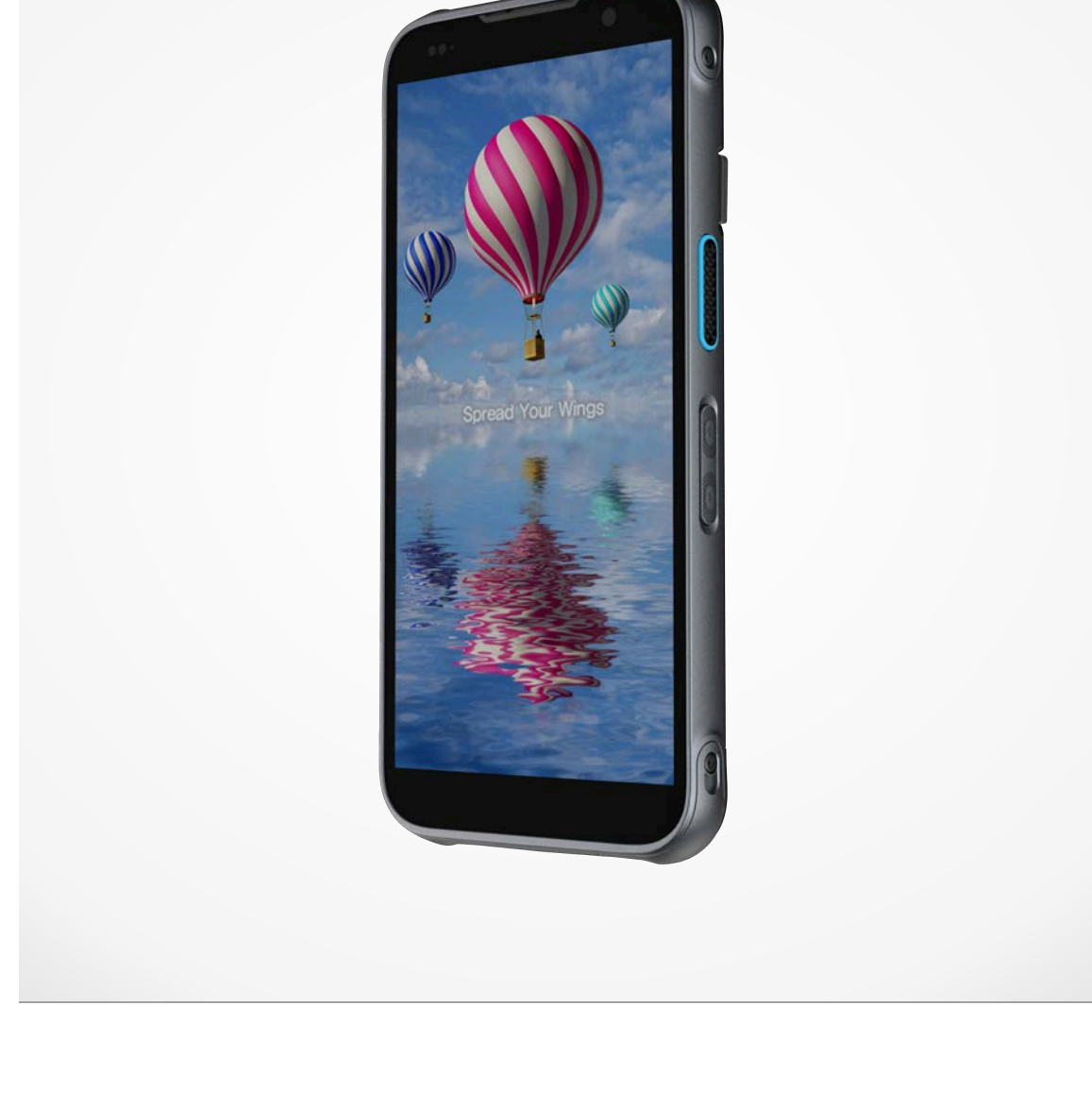
Rugged Mobile Computers



S20

The accessible, rugged device for Enterprise Mobility based on 5G

- 6" display
- Planned to be upgraded to Android 17
- 5ft drop spec and IP68 sealing
- Slim and ergonomic design
- Latest wireless technology, 5G, Wi-Fi 6E applications



S50

The Ultimate Performance for Enterprise Mobility based on 5G

- 6" display
- Planned to be upgraded to Android 16
- 5ft drop spec and IP68 sealing
- Thin and rugged design
- Latest wireless technology, 5G, Wi-Fi 6E applications



S70

The Ultimate Ultra-rugged for Enterprise Mobility based on 5G

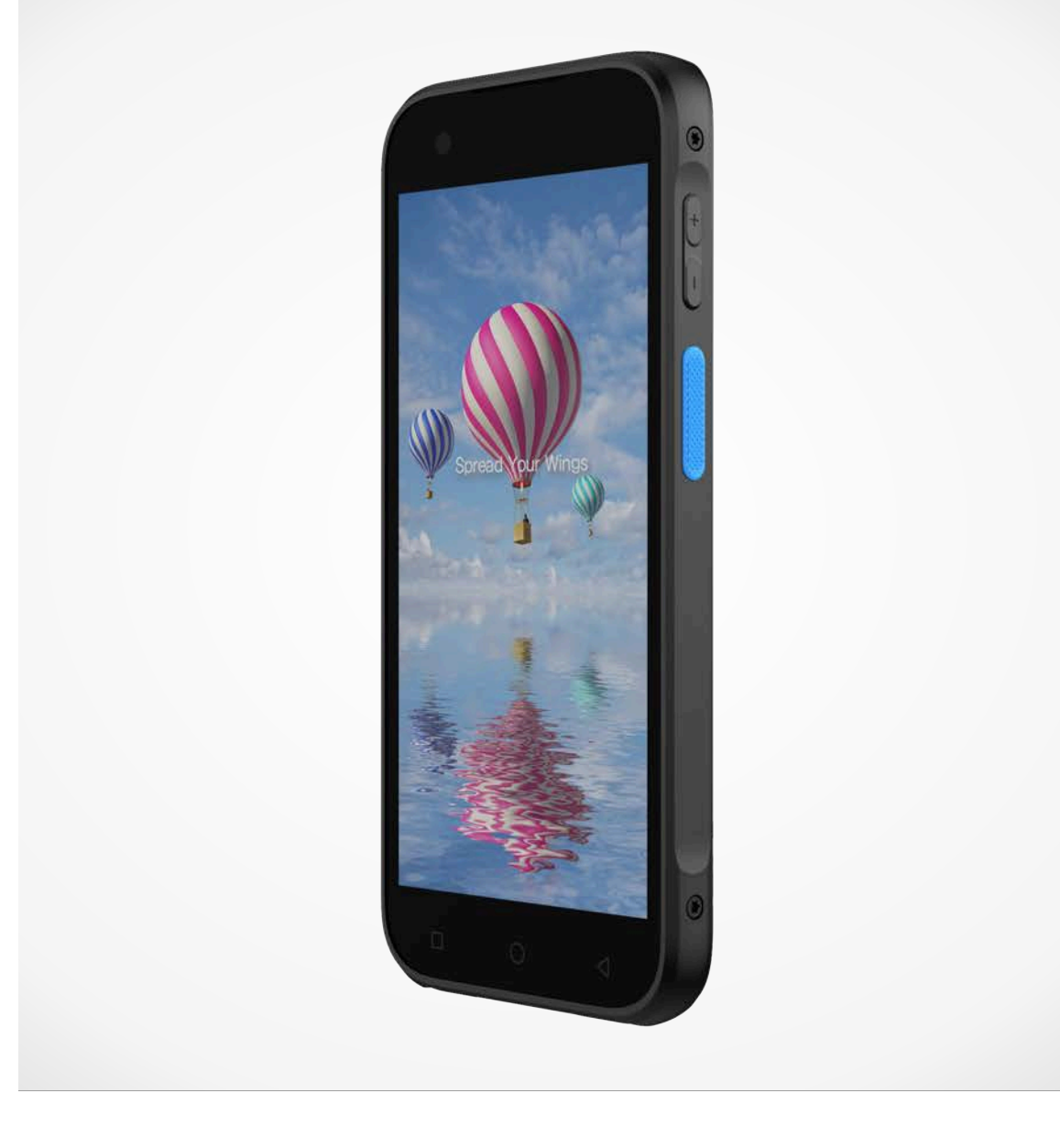
- 6" display
- Planned to be upgraded to Android 16
- 10ft drop spec and IP68 sealing
- Strong and rugged design
- Latest wireless technology, 5G, Wi-Fi 6E applications



S70 EXPLOSION PROTECTION

The Ultimate Ultra-rugged for Enterprise Mobility based on 5G

- 6" display
- Planned to be upgraded to Android 16
- 10ft drop spec and IP68 sealing
- Powerful Explosion Protection feature
- Cutting-edge wireless network
- Ultra rugged device for stable using



S10

Light & Comfortable Enterprise Mobile Computer for any sized business

- 5.5" display
- Planned to be upgraded to Android 18
- Perfect match for any-sized business
- Easy to carry & operate with one hand
- Power uninterrupted all day long with user replaceable battery & BOS™ Power manager
- Robust memory configuration



EF551

The Ultimate Ultra-rugged for Enterprise Mobility based on 5G

- 5.45" display
- Planned to be upgraded to Android 16
- Rugged SKU 1, 2 support
- 5ft Drop spec and IP68 & IP65 sealing (Rugged SKU: 8ft Drop spec and IP68 sealing)
- Faster 2.7GHz processor and new Universal Flash Storage (UFS)
- MU_MIMO tech for faster and broader networking



EF550R

The Ultimate Ultra-rugged for Enterprise Mobility

- 5.45" display
- Planned to be upgraded to Android 14
- 8ft Drop spec and IP68 & IP65 sealing
- Faster 2.2GHz processor and new Universal Flash Storage (UFS)
- MU_MIMO tech for faster and broader networking



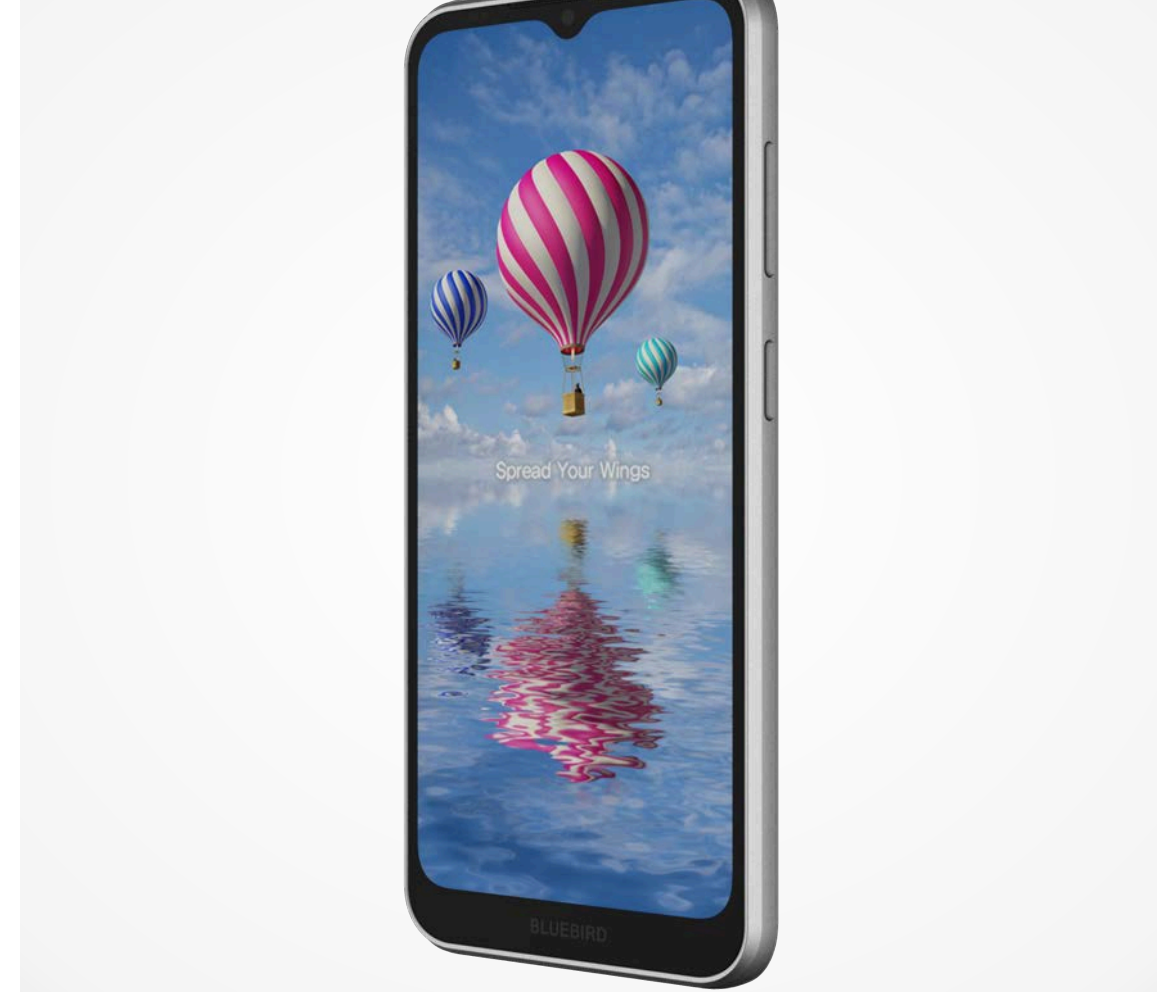
EF550

The Ultimate Performance for Enterprise Mobility

- 5.45" display
- Planned to be upgraded to Android 14
- 5ft Drop spec and IP68 & IP65 sealing
- Faster 2.2GHz processor and new Universal Flash Storage (UFS)
- MU_MIMO tech for faster and broader networking

MOBILE COMPUTER

Managed Mobile Computers



SF650

Sleek Consumer Style Full Touch Mobile Computer

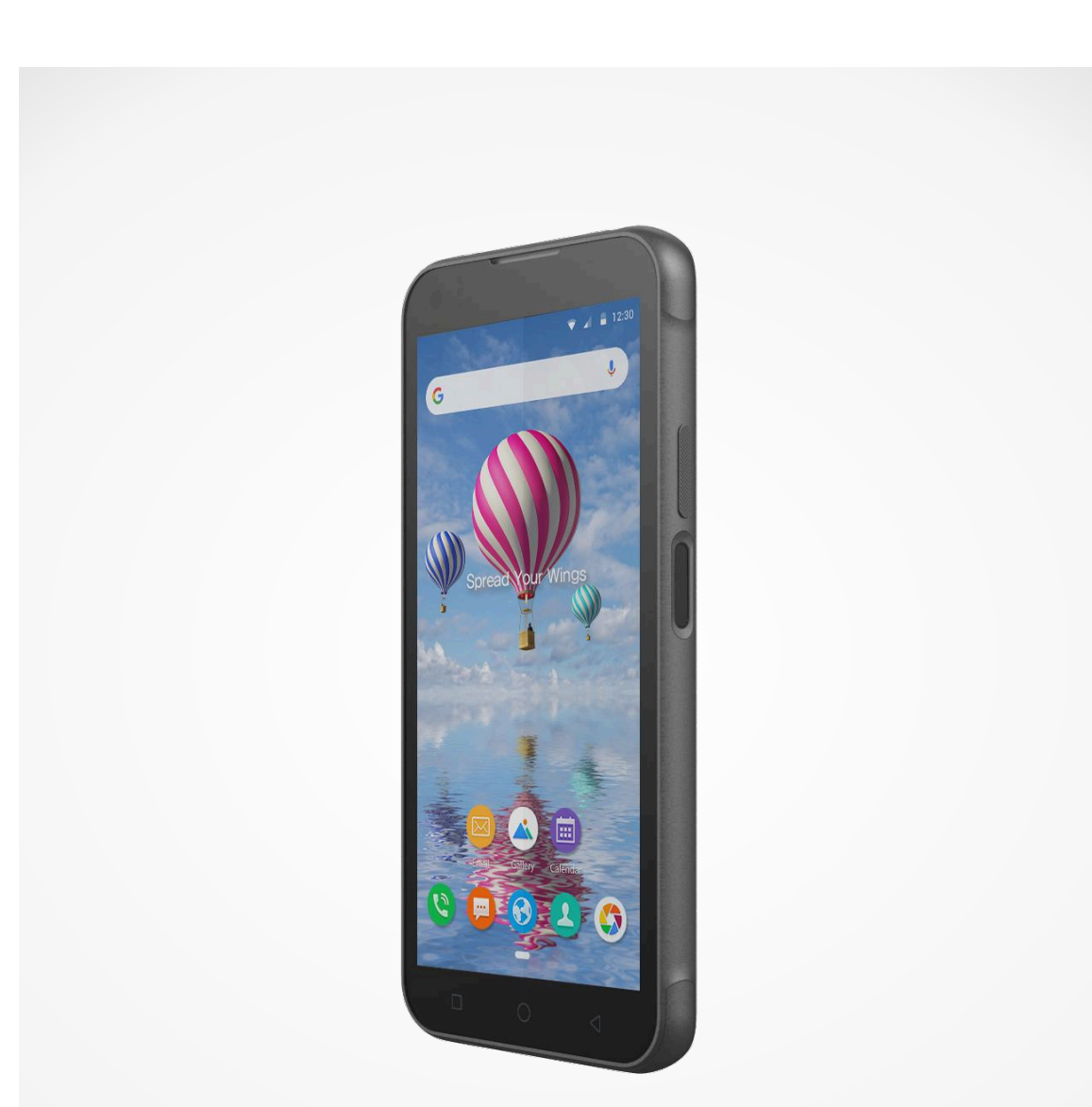
- The largest 6.5" Display
- High capacity battery (5,000mAh)
- Planned to be upgraded to Android 14
- Ultra-thin, bezel-less design
- Ultimate performance with cost-efficient in enterprise class



HF550X RFID

Consumer-like Enterprise Mobile Computer with Integrated RFID Reader

- 5.45" Display
- Nominal RFID reading distance
- Ergonomic design which maximizes user satisfaction
- Optimized with customer facing area
- Lightweight device which decreasing work fatigue and easy to carry



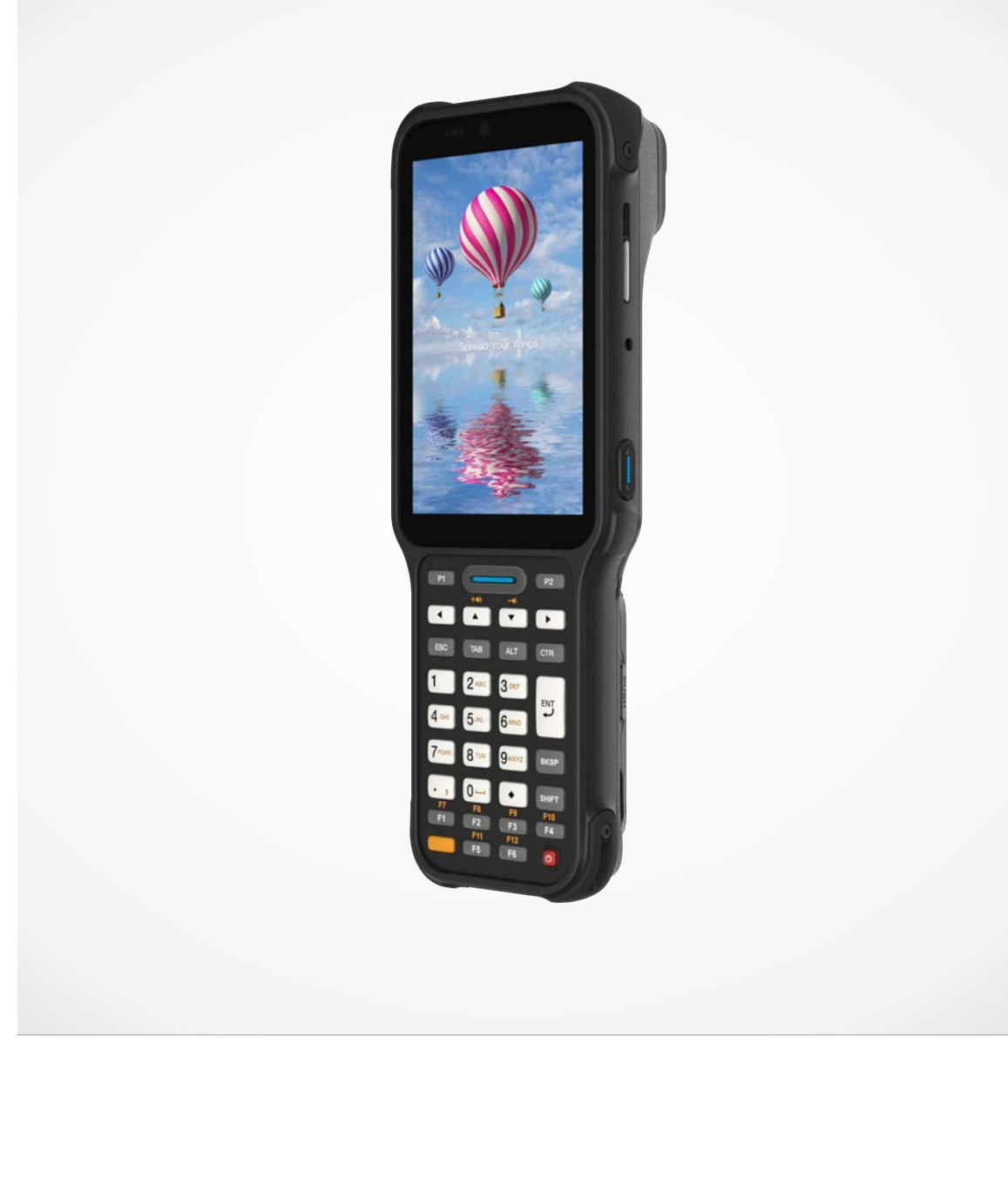
HF550X

Pocket-Size Hybrid Full Touch Mobile Computer

- 5.45" Display
- Planned to be upgraded to Android 14
- Faster 2.2GHz processor and new Universal Flash Storage (UFS)
- 4ft Drop spec and IP67 sealing
- MU_MIMO tech for faster and broader networking
- Support fingerprint function

MOBILE COMPUTER

Keypad Mobile Computer



EK430

Enterprise Keypad Touch Mobile Computer

- 4.3" Display
- Planned to be upgraded to Android 14
- Faster 2.2GHz processor and new Universal Flash Storage (UFS)
- Wi-Fi and cellular to connect any worker, anywhere
- 1D&2D barcode imager
- 6ft Drop spec and IP65 sealing
- High capacity, user replaceable battery

MOBILE COMPUTER

Specialized Mobile Computer



VX500 PTT

Rugged MCPTT Mobile Computer

- 5" Display
- Stable network connection and uninterrupted communication by Mission Critical LTE PTT
- Planned to be upgraded to Android 14
- Faster 2.2GHz processor and new Universal Flash Storage (UFS)
- 4.9ft Drop spec and IP68 sealing
- MU_MIMO tech for faster and broader networking

RFID SOLUTIONS

RFID Solutions

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RFR901

Next Generation of RFR900
Bluetooth & Electrical RFID Reader for Android/iOS

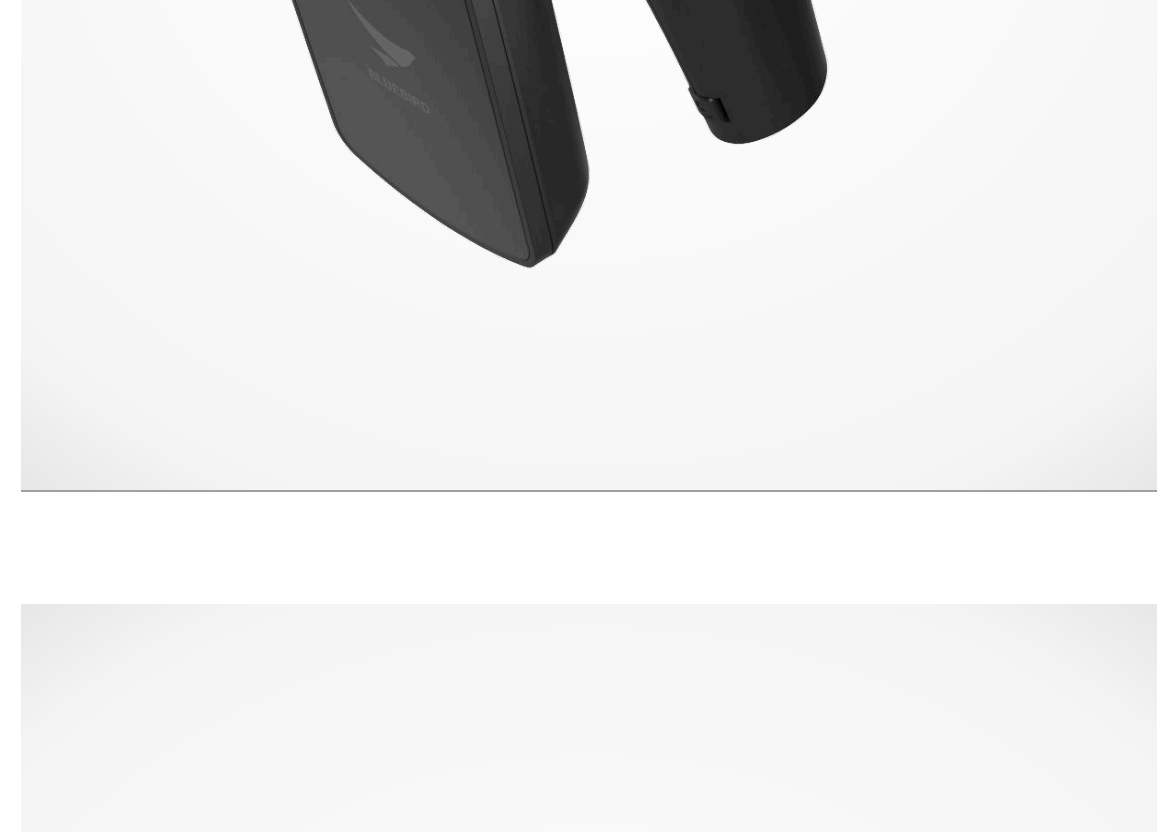
- Sleek, ergonomic design
- The longest read range of 32.8+ ft, the fastest read rate of 1,300+ tags per second
- Flexible mount options
- Long-lasting battery, hot swap support
- Android, iOS, Windows compatible
- Industrial durability (Tanksmith® ruggedness)
- Integrated with major SW solutions (SML, Sensormatic, Checkpoint, Detego, Nedap)



RFR901 FOR U MOUNT

Bluetooth RFID Reader with barcode scanner for iOS devices

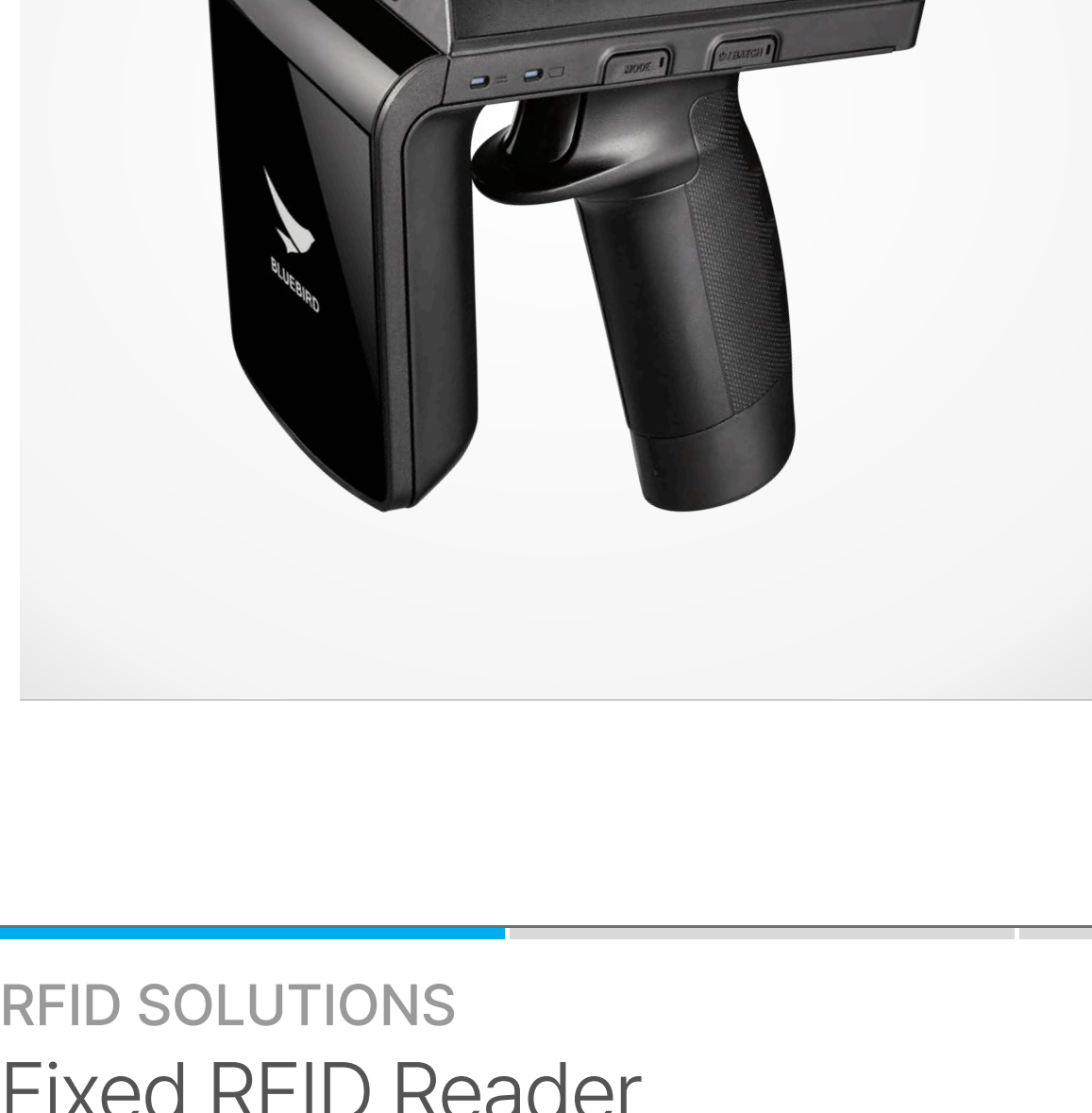
- Sleek, ergonomic design
- 1D/2D image barcode scanner
- iPod touch mount support
- Bluetooth connection



RFR900

Bluetooth and Electrical RFID Reader for Android/Windows devices

- Lightweight, ergonomic design
- Quick and accurate reading rate
- Reading compatibility for major tags (Avery Dennison, SML, Sensormatic, Smartrac)
- Long-lasting operation (Efficient battery operation + technology for heat prevention)
- Reasonable cost compared to competitors



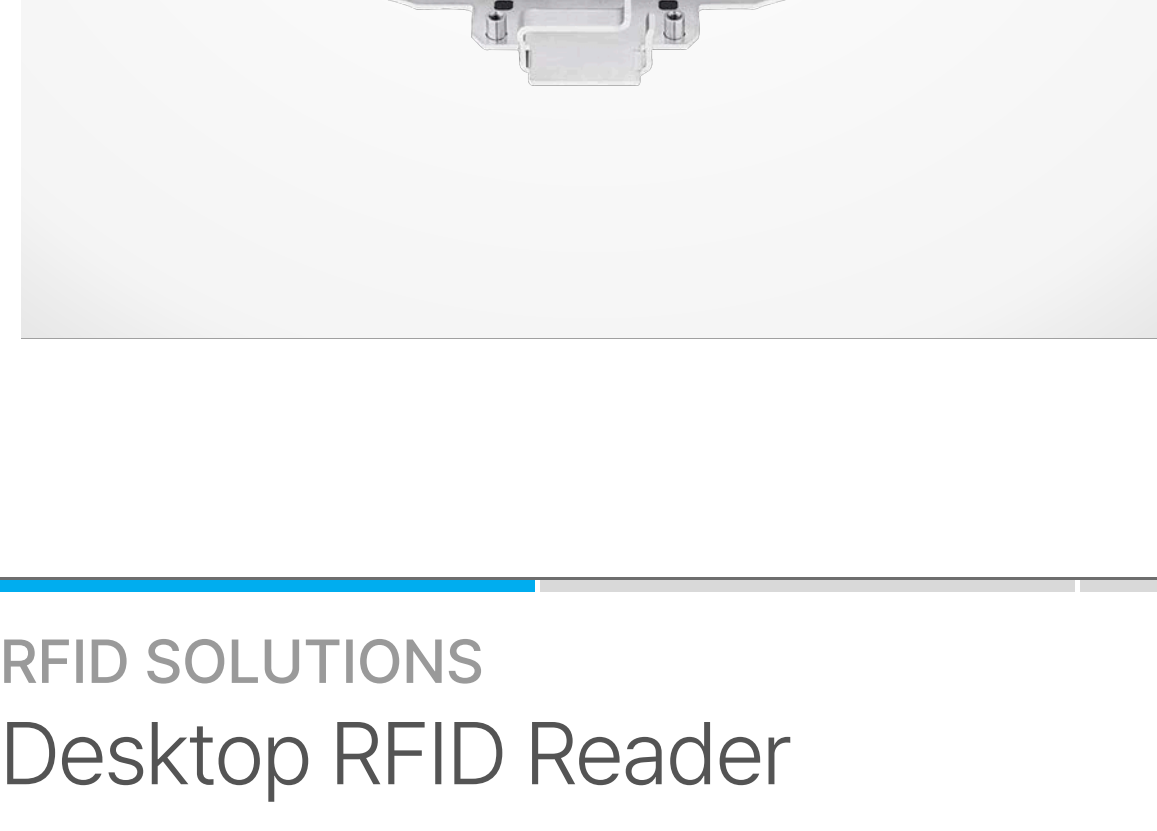
RFR900S

Bluetooth RFID Reader with barcode scanner

- Lightweight, ergonomic design
- Quick and accurate reading rate
- 1D/2D image barcode scanner
- Universal mount support
- Bluetooth connection (Android, iOS, Windows)

Fixed RFID Reader

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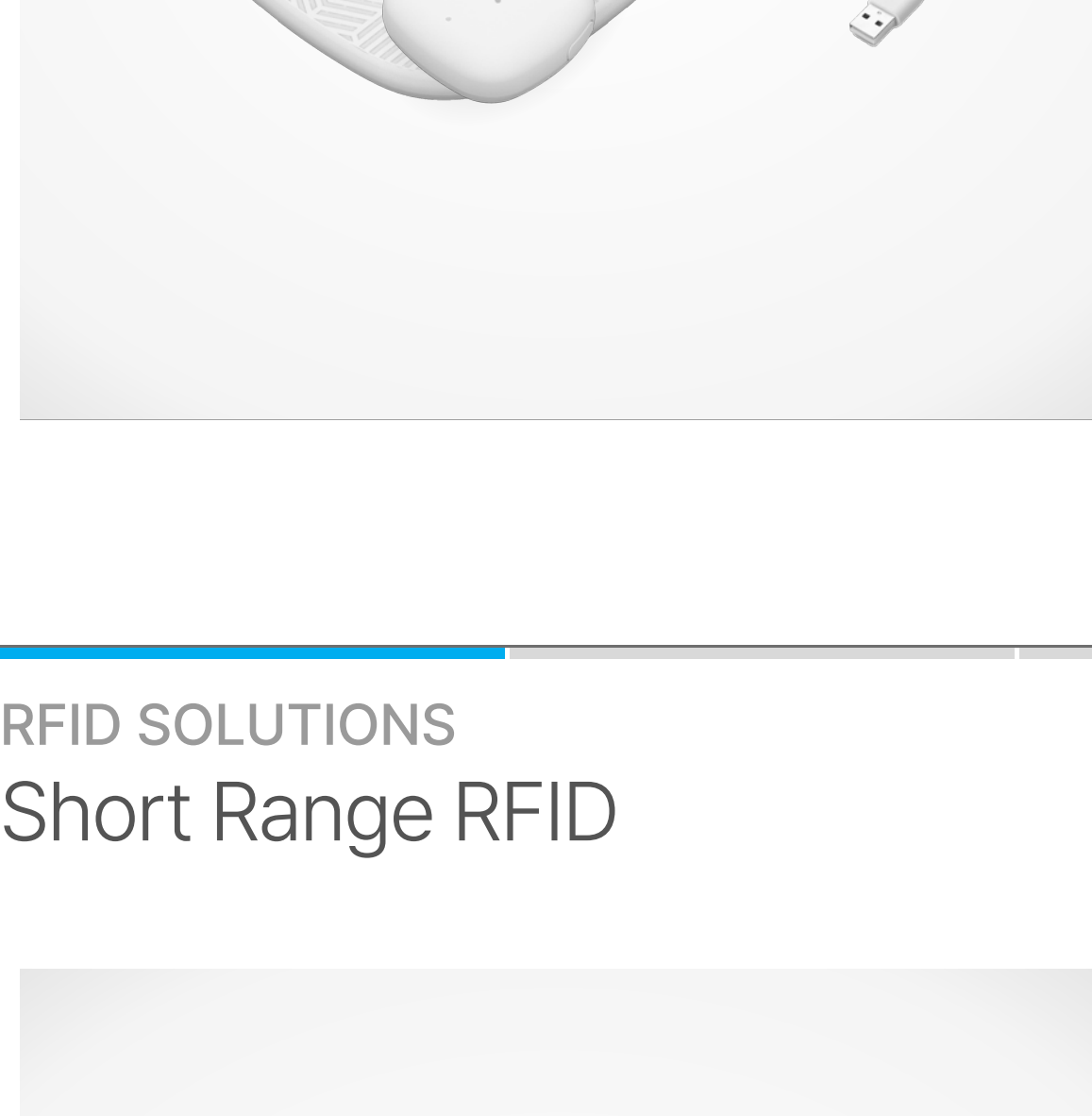
FR900

Fixed UHF RFID Reader for Effective Supply Chain System

- Best in enterprise class performance
- One reader, multiple read points
- Perfect reading accuracy
- Refined & rugged design
- Low deployment cost
- Easy installation, operation with platform support

Desktop RFID Reader

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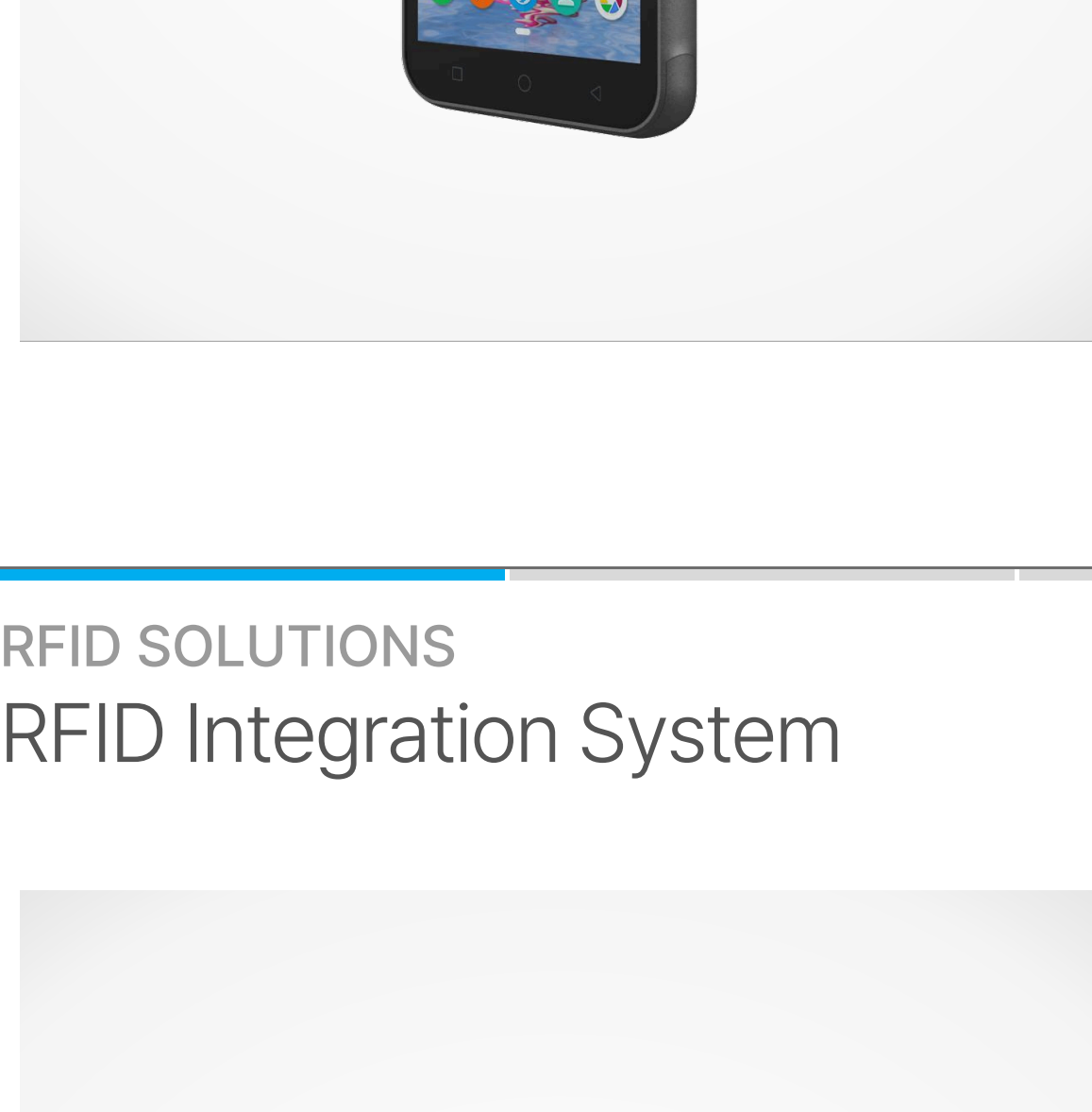
DR SERIES (DR901/DR900)

Ultra-slim / Compact Desktop UHF RFID Reader

- Fast reading speed and precise read range with integrated antenna
- USB Power supply
- Low deployment cost
- Easy installation, operation
- Plug and Play support

Short Range RFID

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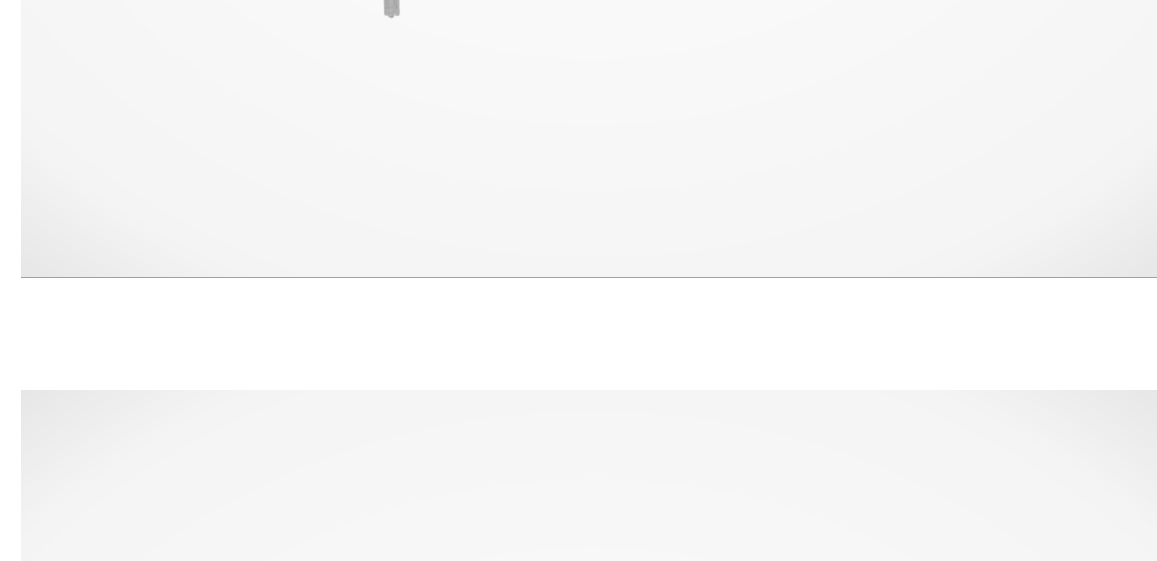
HF550X RFID

Consumer-like Enterprise Mobile Computer with Integrated RFID Reader

- 5.45" Display
- Nominal RFID reading distance
- Ergonomic design which maximizes user satisfaction
- Optimized with customer facing area
- Lightweight device which reduces work fatigue and easy to carry

RFID Integration System

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SMART TUNNEL READER

Accurate RFID Smart Tunnel with item-level traceability

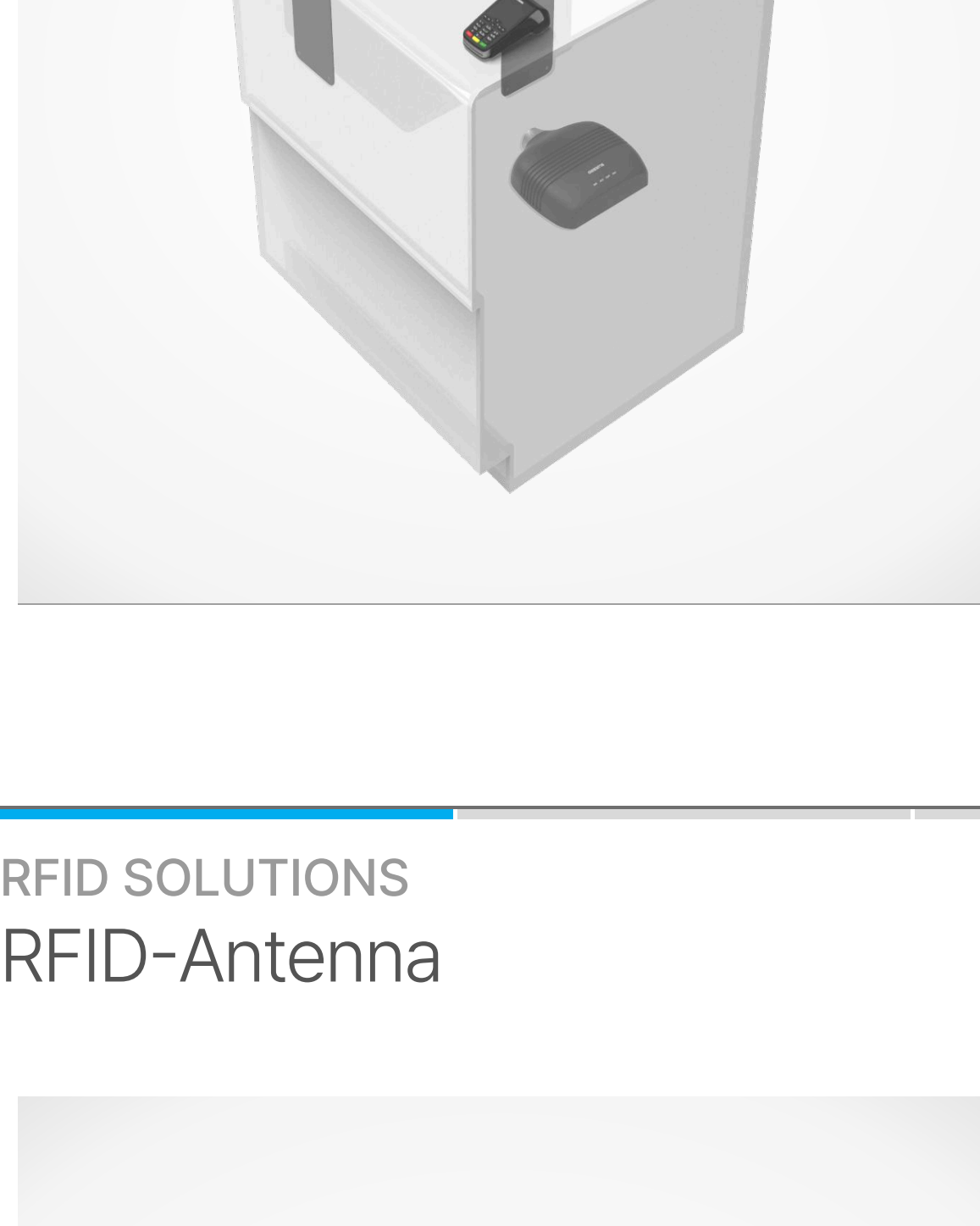
- Real-time label reading
- Mass recording of labels in coding mode
- Integral screening of radio frequency signal, avoiding external readings
- RF software point for warehouse management
- Valid for inbound and outbound operation



TRANSITION GATE

RFID Transition Gate with Fast Recognizing Speed

- Wave Antenna - beam width extends almost straight, providing clear reading range
- Realtime Data Processing - processing immediate read data
- High accuracy for large numbers of people or products passing through
- Easy reading of items passing in the boxes or on pallets



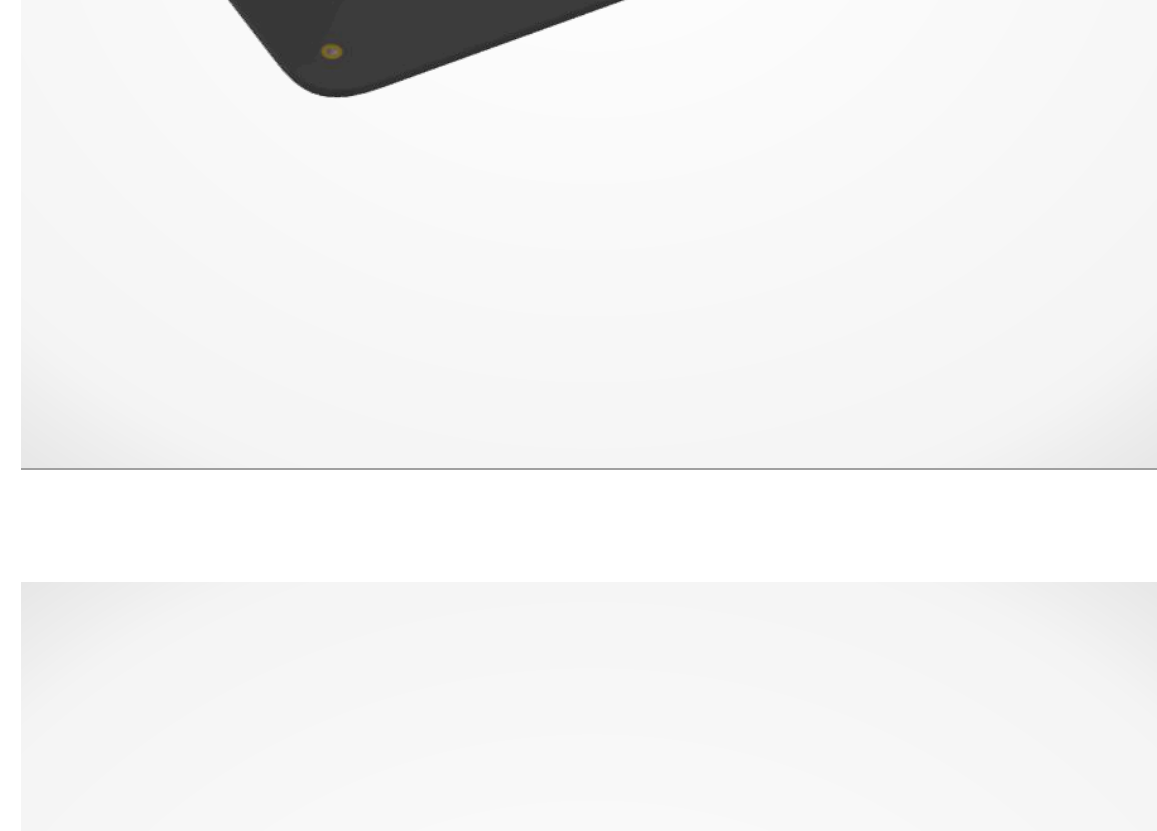
SELF CHECKOUT

RFID Self Checkout providing accurate payment experience to customers

- Providing fast & accurate payment
- Accurate and Reliable Service - less likely to fail by utilizing RFID solutions
- Reducing operational costs - able to reduce dependence on workforce for payments

RFID-Antenna

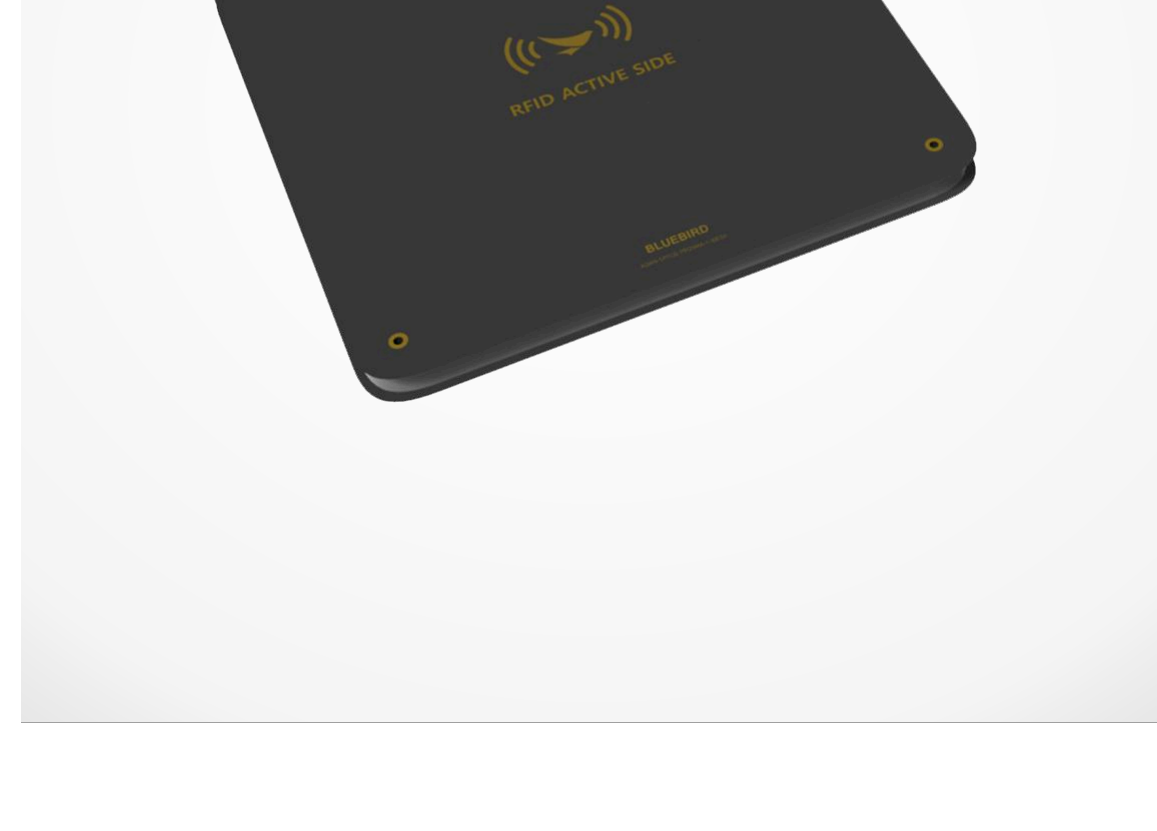
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ANS981

Lightweight Antenna for Various Usage

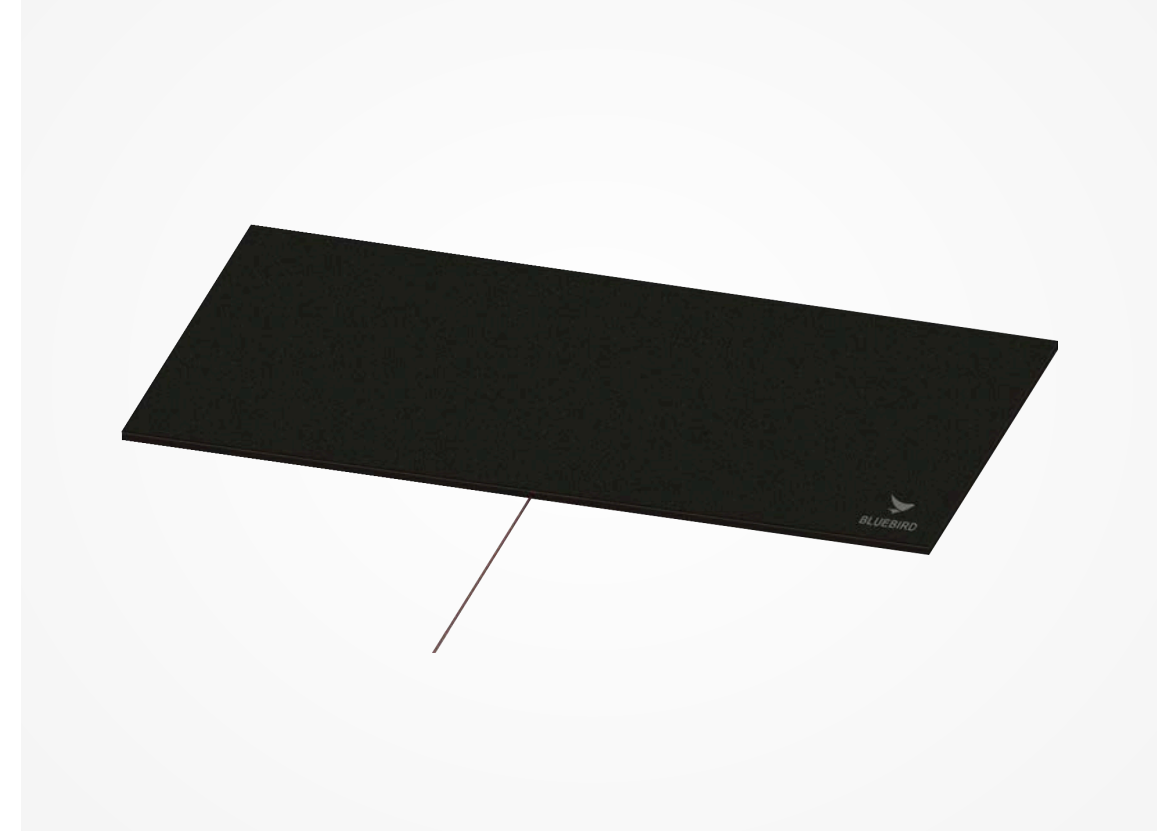
- Lightweight
- Selfcheckout
- Retail POS
- Inventory Checking
- RFID Portal
- Gate Transition



ANS961

Antenna with Wide Beam Width

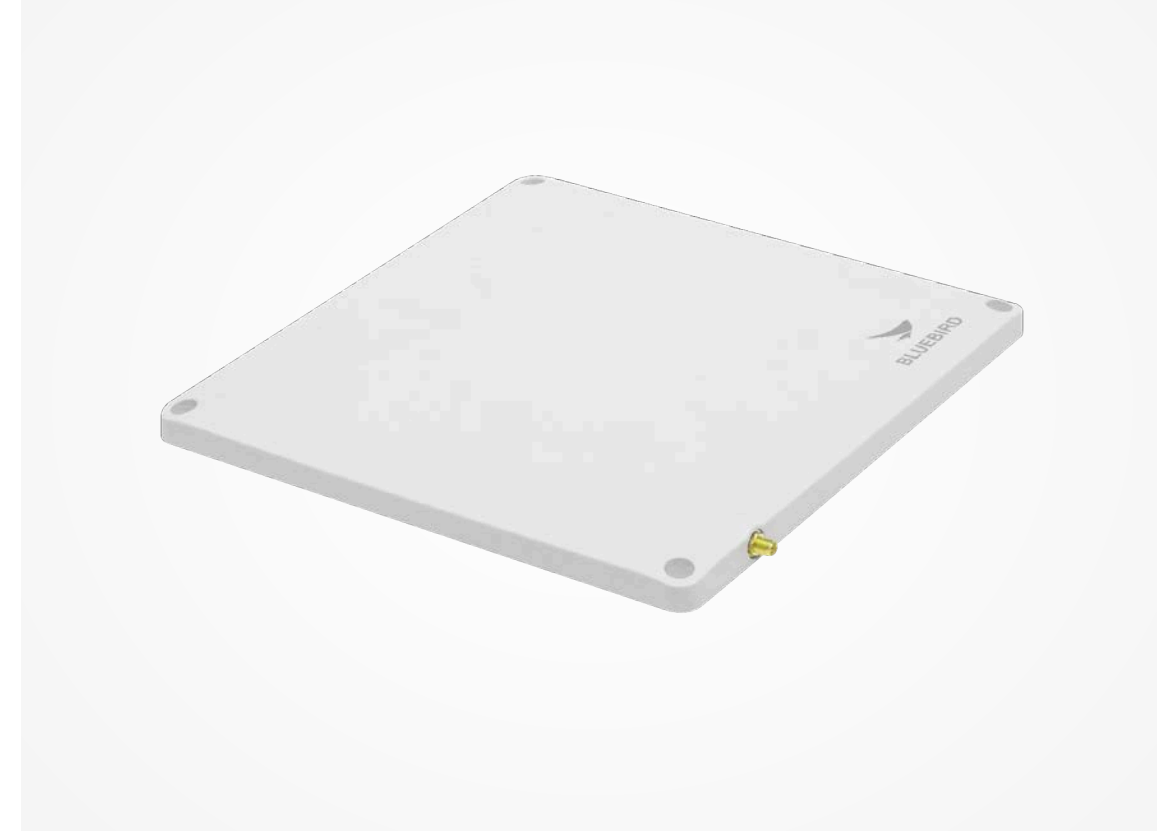
- Lightweight
- Wide beam width in all directions
- Selfcheckout
- Retail POS
- Inventory Checking
- RFID Portal
- Gate Transition



ANS980

Antenna designed for Long-Range Scanning

- Antenna covering a wide range
- Point-of-sale
- Vehicle Tolling/Access
- Portals, Outdoor gates
- Shelving Application
- Laundry Application



ANS960

Mid Performance & Slim

- Sleek, Discreet, Rugged
- Point-of-sale
- Portals, Outdoor gates
- Inventory Management
- Medical & Pharma Application



AN970

High Performance & General Purpose

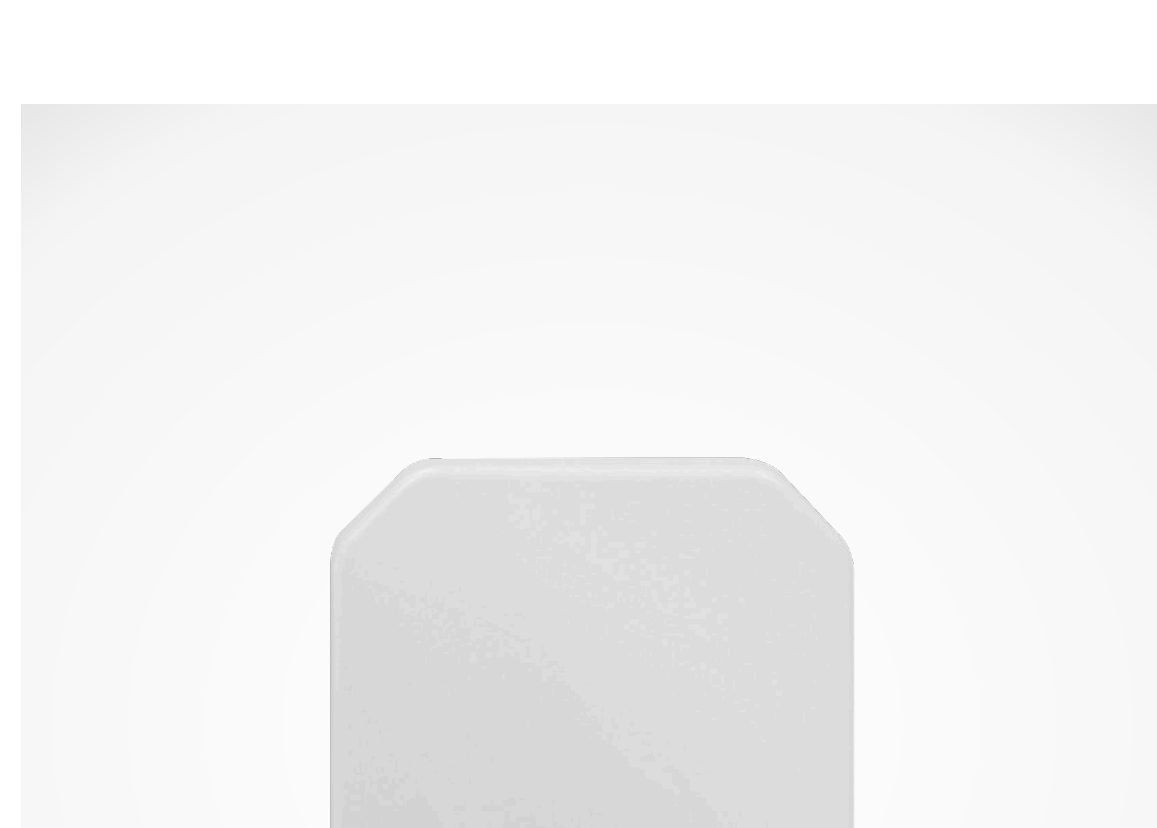
- Global flexibility for all enterprises
- Point-of-sale
- Portals, Outdoor gates
- Inventory Management
- Gates



AN971

Mid Performance & Large Area

- Large area coverage in any environment
- Point-of-sale
- Portals, Outdoor gates
- Inventory Management
- Gates



AN950

Mid Performance & Compact

- Compact indoor/outdoor antenna for customer-facing environments
- Point-of-sale
- Conveyor belts
- Inventory Management
- Gates

DEVICE & MANAGEMENT SOLUTION

ENTERPRISE TABLETS Rugged Tablets



RT104

Optimized for Business in Every Aspect with Ruggedness & Windows OS

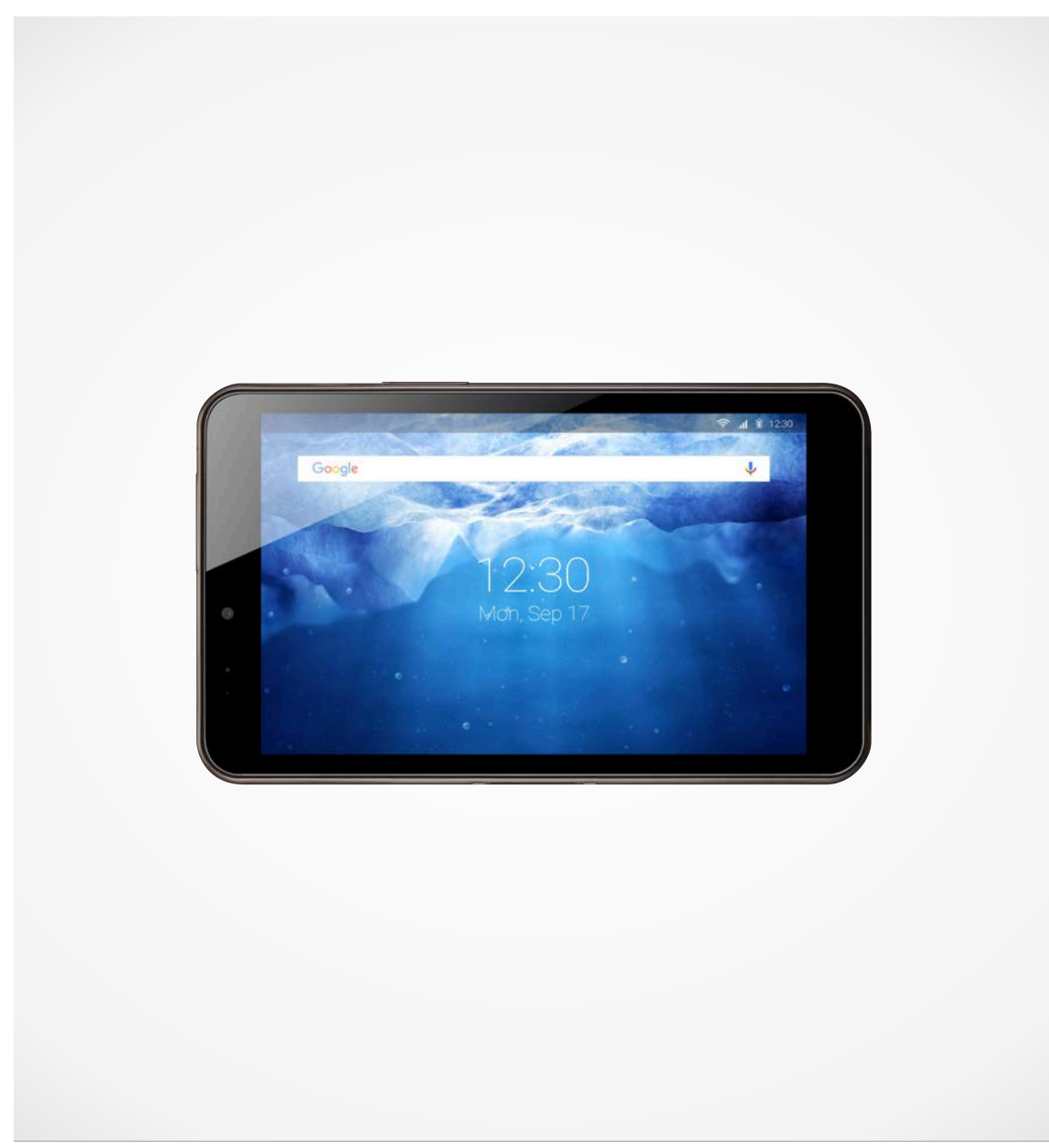
- 10.1" display
- Windows OS
- Network roaming stability
- 4GB LPDDR4 RAM / 64GB eMMC Flash
- 4ft drop spec and IP65 sealing
- Spin-handstrap and barcode scanner as SmartPlug™
- User replaceable & high capacity battery
- Fast charging support



RT103

Optimized for Business in Every Aspect with Ruggedness & Android OS

- 10.1" display
- Planned to be upgraded to Android 11
- Hot Swap support
- 4ft Drop spec, IP65 sealing
- Spin-Handstrap, barcode scanner as SmartPlug™
- High capacity battery of 6,000mAh
- Optional camera with 13MP Autofocus (Rear) & 5MP Fixed Focus (Front)



RT080

Optimized for Every Aspect of Business

- 8" display
- Planned to be upgraded to Android 10
- Light weight of 512g
- Fingerprint module support - RT080_iBio
- 3.2ft Drop spec and up to IP65 sealing
- Barcode scanner as SmartPlug™
- High capacity battery of 6,000mAh

ENTERPRISE TABLETS Managed Tablets



T10

Android Enterprise tablet with total solution for every business size

- 10.95" Display & Sleek, lightweight design
- Planned to be upgraded to Android 18
- Wide Operating Temperature of -20°C to 50°C / -4°F to 122°F
- Ideal use in customer facing area
- High capacity battery of 8,000 mAh
- Camera with 13MP Autofocus (Rear) & 5MP Fixed Focus (Front)



T30

5G Android Enterprise tablet with total business optimized solution

- 10.1" display
- Planned to be upgraded to Android 17
- 5.24ft Drop spec, IP65 sealing
- High capacity battery of 8,000mAh
- Camera with 13MP Autofocus (Rear) & 8MP Fixed Focus (Front)
- Fast charging support



ST103

Sleek Design with Compelling Enterprise Benefits

- 10.1" Display
- Planned to be upgraded to Android 11
- Sleek, lightweight design
- Wide Operating Temperature of -20°C to 50°C / -4°F to 122°F
- Ideal use in customer facing area
- High capacity battery of 6,000 mAh
- Optional camera with 13MP Autofocus (Rear) & 5MP Fixed Focus (Front)



ST102

Enterprise Tablet with Consumer Style

- 10.1" Display
- Windows OS
- Sleek, lightseight design
- 4GB RAM / 64GB Flash, 4GB RAM / 128GB Flash
- Ideal use in customer facing area
- High capacity battery of 6,000 mAh

ENTERPRISE TABLETS Specialized Tablets



RT080 IBIO

Rugged Tablet with Fingerprint Scanner

- 8" display
- Planned to be upgraded to Android 10
- Biometric recognition by Fingerprint module
- 3.2ft Drop spec and up to IP65 sealing
- Barcode scanner as SmartPlug™
- High capacity battery of 6,000mAh

DEVICE & MANAGEMENT SOLUTION

PAYMENT TERMINALS Portable

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SP60

All-in-one Android Portable Device

- 6.01" Display
- Android 12
- High quality printer
- Support for optional integrated fingerprint reader
- High-capacity battery



SP60-M

Seamless & Compact Payment Terminal

- 6.01" Display
- Android 12
- Mainly for mobile receipt
- Support for optional integrated fingerprint reader
- High-capacity battery



MT280

Mobile Seamless Payment Terminal

- Touch & Keypad Mix
- StoneWall® Security
- Industrial durability (TankSmith® ruggedness)
- PayGear™ Platform
- Excellent Connectivity
- Multiple payment method

PAYMENT TERMINALS Countertop

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CT280

Countertop Seamless Payment Terminal

- Multiple payment method
- StoneWall® Security
- PayGear™ Platform
- Excellent connectivity
- Multimedia (Image & Video)

PAYMENT TERMINALS Multilane

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SP60-M MULTILANE

Rugged & Light Tablet Computer with Payment feature

- 6" display
- Android 12
- MSR/IC/Contactless payment supported
- Ethernet , USB-A , peripherals supported
- Physical pinpad for pin entry

PAYMENT TERMINALS Retail Mobility

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RT104 PAY

Rugged & Light Tablet Computer with Payment feature

- 10.1" display
- Windows OS
- Network roaming stability
- Payment module supported
- 4ft Drop spec and IP65 sealing
- User replaceable & high capacity battery
- Pending support for PCI PTS



EF550 PAY

The Robust & Secure Mobile Point of Sales device

- 5.45" display
- Planned to be upgraded to Android 14
- 4ft Drop spec and IP68 & IP65 sealing
- Payment module supported
- MU-MIMO tech to be faster and broader networking
- Pending support for PCI PTS

DEVICE & MANAGEMENT SOLUTION

AUTOMOTIVE & INTERACTIVE KIOSK
Vehicle Gateway



AG50

Advanced Telematics Device for Car Sharing Management

- Android OS
- Simple vehicle managing solution
- Connected vehicle data
- Stable wireless communication
- Accurate vehicle tracking
- Collecting driving analysis data & Detecting impact

AUTOMOTIVE & INTERACTIVE KIOSK
Customer Concierge



T10 KIOSK

Managed Android KIOSK Tablet with Total Solution

- 10.95" display
- Long Android OS support & Life cycle
- Able to build customer loyalty
- Long usability
- All-round qualities
- 1D/2D decoded scanner
- Optimize customer purchasing decision

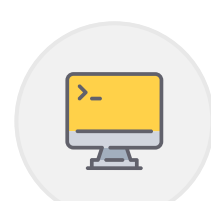
DEVICE & MANAGEMENT SOLUTION



BOS™ NEST

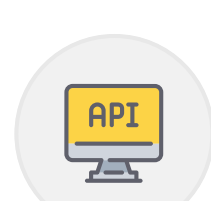
Staging and managing devices with BOS™ NEST allows configuring devices and updating firmware across multiple devices with a single click

Development



BOS™ SDK

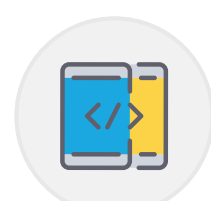
BOS™ SDK enables users to take full advantage of the purpose-built capabilities that their devices have to offer



RFID Development Kit

Reduce application development & testing costs

Deployment



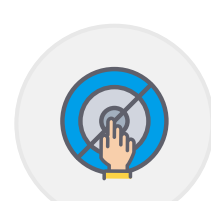
BOS™ Extension

Security & Configuration features beyond Android Enterprise



BOS™ Provisioning

Automate mass configurations with barcode scanning



Bluebird Zero-Touch

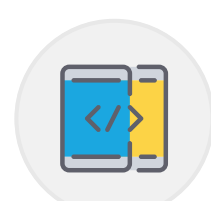
Automate enterprise device EMM registration for immediate use



BOS™ TMS

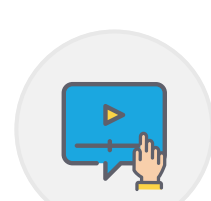
BOS™ TMS securely manages global Bluebird payment terminals with end-to-end control

Secure & Manage



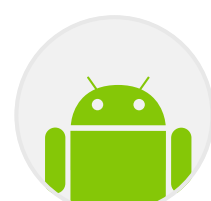
BOS™ Extension

Security & Configuration features beyond Android Enterprise



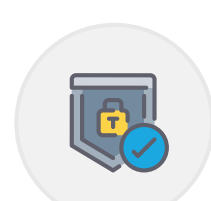
BOS™ KIOSK

Protect your device from unauthorized app use and device settings changes



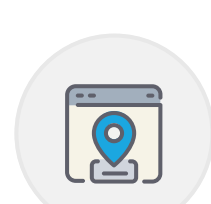
AER

Android Enterprise Recommended



BOS™ Secure Care™

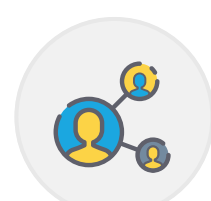
Secure my devices long enough to meet TCO Goals



BOS™ Device Finder

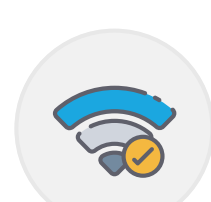
Easily find and track your lost device by using BLE signal

Productivity



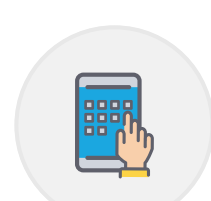
BOS™ VoIP / PTT

Staff collaboration tools with voice, messaging and location



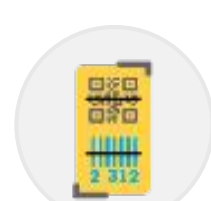
BOS™ Wi-Fine

A Wi-Fi Diagnostics tool with device level & Aggregate view of Wi-Fi network performance



BOS™ Keyboard

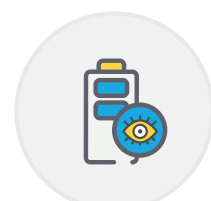
Offer navigation options that reduce errors with effective key entry



BOS™ Onescan

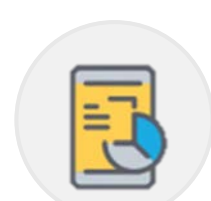
Extensive data capture with multiple barcode scanning support

Maintenance



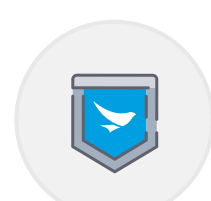
BOS™ Power Manager

Dashboard tracking health & charge state for Bluebird Mobile device battery pool & initiate admin actions



BOS™ Data Tune™

Enables easy, seamless integration of scanned data into any application without extra work



Bluebird Care™

Achieve 3, 4 or 5 year availability & Service options



BOS™ OTA

Automatically manage OS and security patch updates

BLUEBIRD RETAIL SOLUTIONS



CUSTOMER & SALES ENGAGEMENT

BENEFIT

- Increase customer's satisfaction by giving immediate information on daily deals and product availability
- Create more opportunities to make a sale with secure & seamless payment and various payment methods
- Short and long range employee communication with radio and PTT feature
- Applications designed to effectively manage customer data

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, SF650, HF550X, HF550



RFID SOLUTIONS

DR Series, Transition Gate, Self Checkout



ENTERPRISE TABLETS

RT10X, RT080, T30, T10, ST10X



PAYMENT TERMINALS

SP60, SP60-M, RT104 Pay, EF550 Pay



INTERACTIVE KIOSK

T10 KIOSK, ST103 KIOSK, ST103 RSE



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine

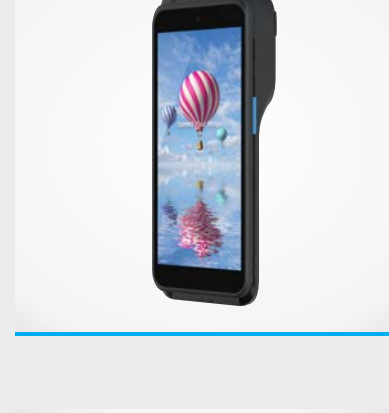


PAYMENT TERMINALS

BENEFIT

- Comfortably make payments anytime, anywhere
- EMV, PCI PTS verification with Stone Wall™ security
- All-inclusive payment options including:
Magnetic stripe readers, Smart Card readers (EMV chip & PIN) and contactless payments
- Developer friendly environment:
SDK, Linux with QT
- Longer operating hours with extended battery options
- Ergonomic design for easy grip and portability

BLUEBIRD SOLUTIONS



PAYMENT TERMINALS

SP60, SP60-M, SP500, MT280, AO350, CT280, RT104 Pay, EF550 Pay



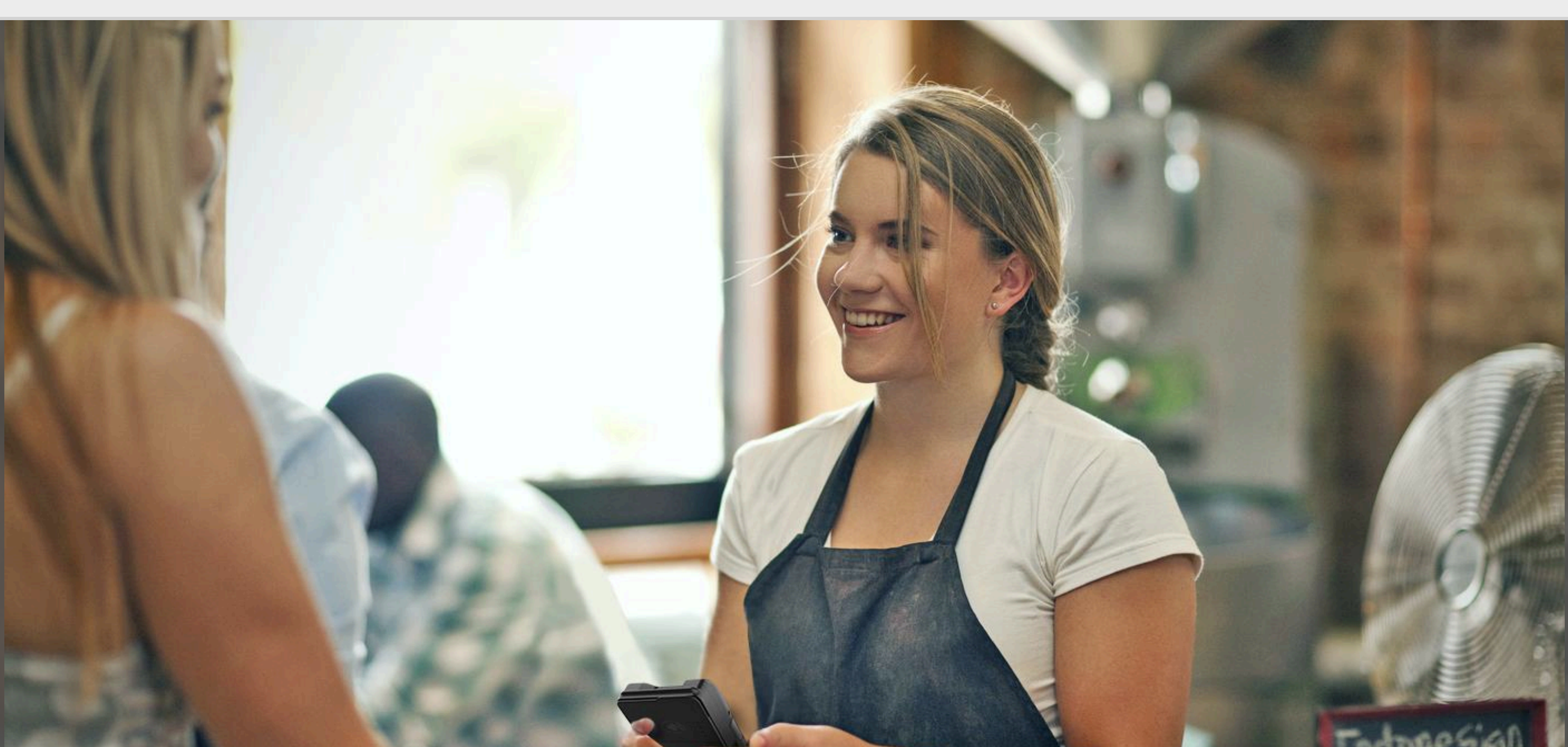
INTERACTIVE KIOSK

T10 KIOSK, ST103 KIOSK, ST103 RSE



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine



POS & COUNTER MANAGEMENT

BENEFIT

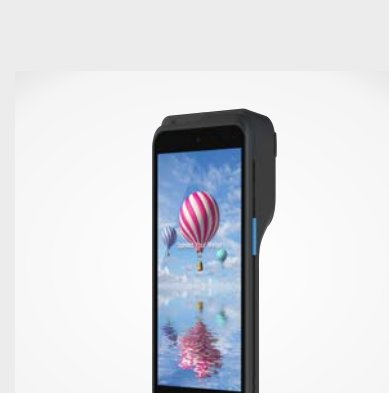
- Mobile POS solution
- EMV, PCI PTS verification with Stone Wall™ security
- Helpful applications to check prices and track inventory in-store
- All-inclusive payment options including:
Magnetic stripe readers, Smart Card readers, and Contactless payments
- Excellent inventory management
- Digital signage

BLUEBIRD SOLUTIONS



ENTERPRISE TABLETS

RT10X, T30, T10, ST10X



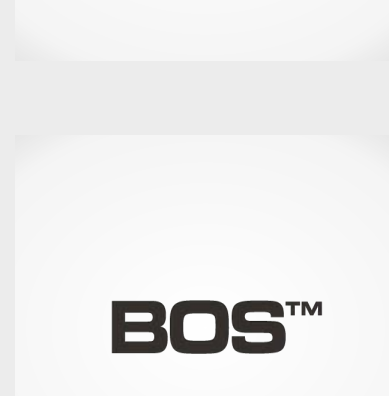
PAYMENT TERMINALS

MT280, AO350, CT280, RT104 Pay, EF550 Pay



INTERACTIVE KIOSK

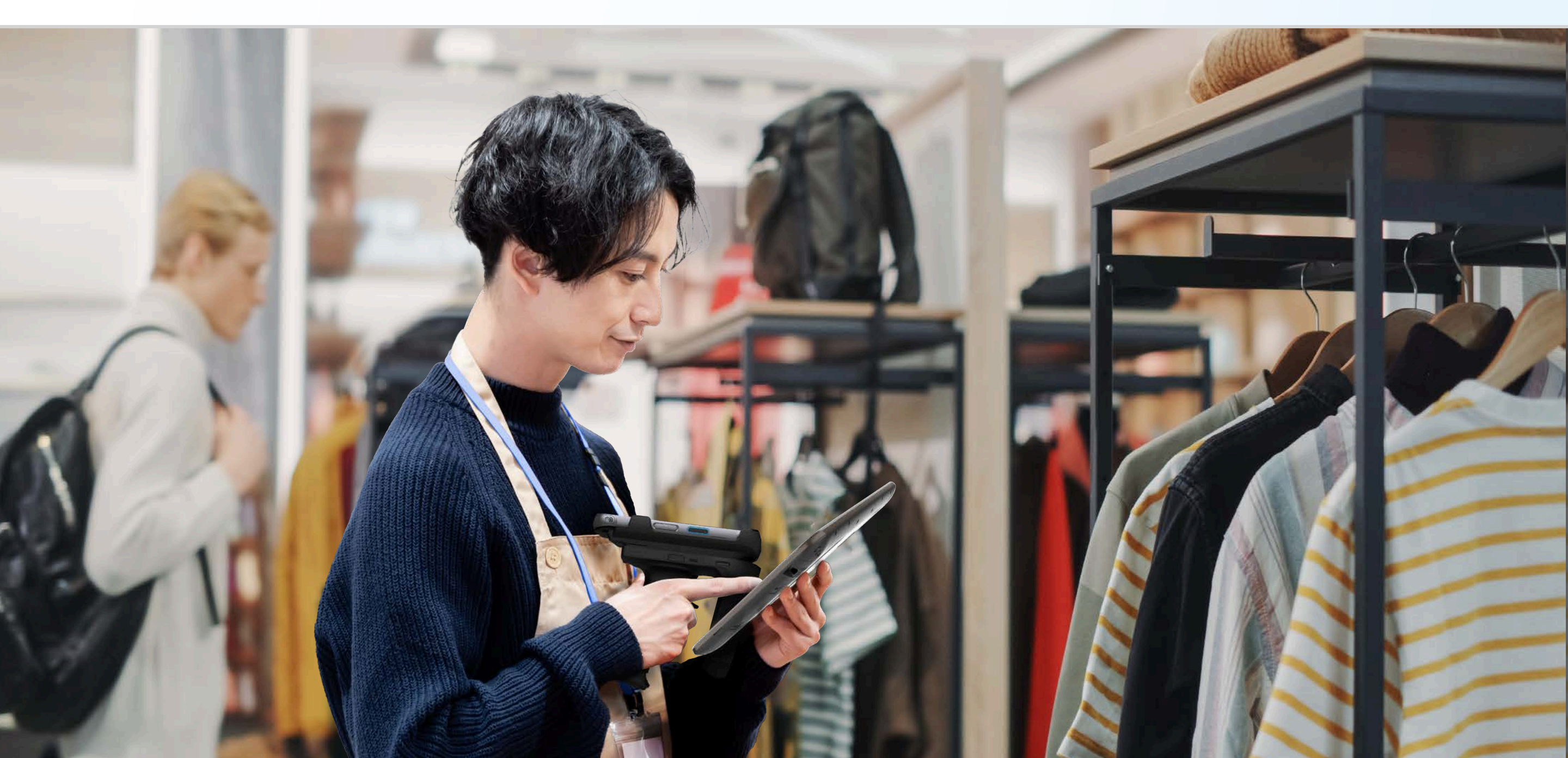
T10 KIOSK, ST103 KIOSK



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine

BLUEBIRD RETAIL SOLUTIONS



MERCHANDISING & INVENTORY MANAGEMENT

BENEFIT

- Optimize inventory accuracy, replenishment and reduce out-of-stock
- Electronic ordering for tangible transaction history
- Help associates monitor store performance and meet planned revenue
- Integrated printers for retagging and renewing old labels

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, SF650, HF550X, HF550, EK430, K20



RFID SOLUTIONS

RFR Series, FR900, HF550X RFID, VX500 RFID, Transition Gate, ANS981, ANS980, ANS961, AN971, AN970, ANS960, AN950



ENTERPRISE TABLETS

RT10X, T30, T10, ST10X



PAYMENT TERMINALS

SP60, SP60-M, RT104 Pay, EF550 Pay



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Onescan, BOS™ Device Finder, BOS™ Wi-Fine



STORAGE MANAGEMENT

BENEFIT

- Clarity enables faster, cost efficient implementations
- Decrease distribution costs and inventory levels
- Increase accuracy, agility and visibility in distribution networks
- Improve workforce productivity and customer service

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, SF650, HF550X, HF550, K20



RFID SOLUTIONS

RFR Series, FR900, HF550X RFID, VX500 RFID, Transition Gate, ANS981, ANS980, ANS961, AN971, AN970, ANS960, AN950



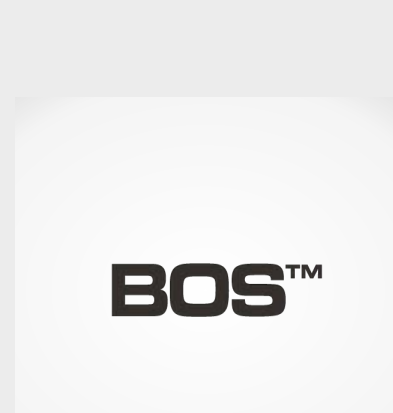
ENTERPRISE TABLETS

RT10X, T30, T10, ST10X



PAYMENT TERMINALS

SP60, SP60-M, RT104 Pay, EF550 Pay



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine, BOS™ Keyboard, BOS™ Device Finder

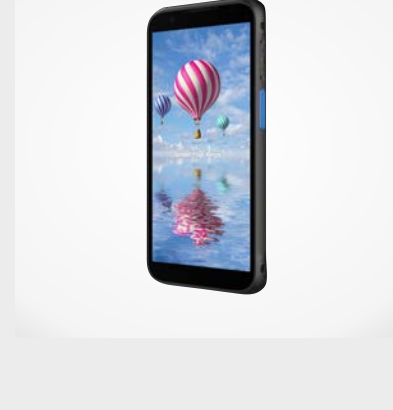


STAFF COMMUNICATION

BENEFIT

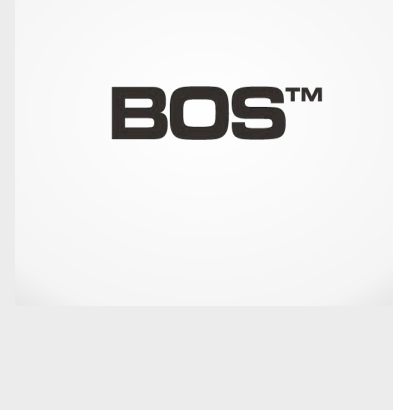
- Short and long range employee communication with radio and PTT feature
- Activate in-store and warehouse communication for associates and managers
- Persistent connection to your internal network
- Deliberately designed with sleek and lightweight quality

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

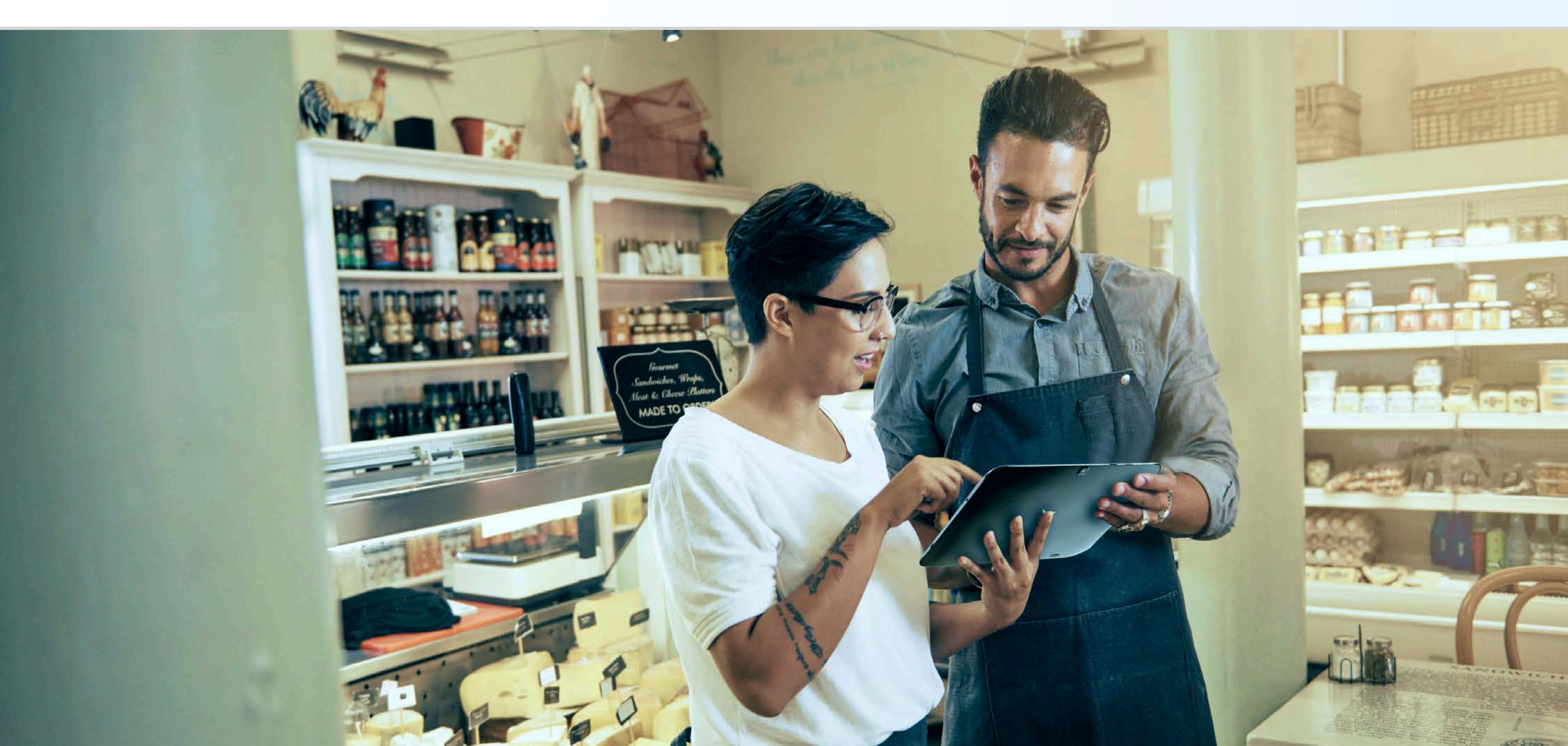
S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, SF650, HF550, K20



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Wi-Fine, BOS™ Device Finder

BLUEBIRD RETAIL SOLUTIONS



SHOPPING GUIDE INTEGRATION

BENEFIT

- Enhance data visibility for greater productivity and accountability
- Promote goods and compare products to increase customer engagement
- Applications designed to effectively manage customer data

BLUEBIRD SOLUTIONS



ENTERPRISE TABLETS

RT10X, RT080, T30, T10, ST10X



INTERACTIVE KIOSK

T10 KIOSK, ST103 KIOSK,
ST103 RSE



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ NEST, BOS™ Wi-Fine



CUSTOMER SELF-SERVICE

BENEFIT

- EMV, PCI PTS verification with Stone Wall™ security
- Helpful applications to check prices and track inventory in-store
- Access information and conduct necessary research without staff assistance
- Empower customers to check prices, scan and find products, and discover promotions

BLUEBIRD SOLUTIONS



ENTERPRISE TABLETS

RT10X, T30, T10, ST10X



INTERACTIVE KIOSK

T10 KIOSK, ST103 KIOSK,
ST103 RSE



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ NEST,
BOS™ Onescan, BOS™ Wi-Fine



STAFF ID MANAGEMENT

BENEFIT

- Persistent connection to your internal network
- Simplified authentication process for increase in productivity
- Advanced data capturing modules with complete scanning components
- Sleek and lightweight design for convenient mobile use

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF550R, EF550, VX500, VF550, CF550,
HF550X



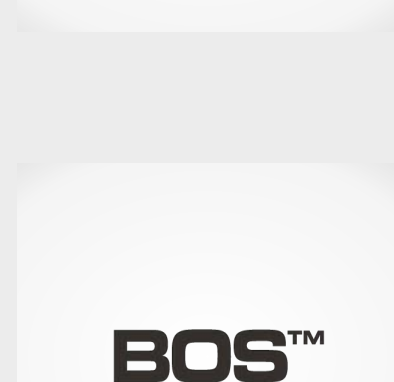
RFID SOLUTIONS

HF550X RFID, VX500 RFID, Transition Gate



ENTERPRISE TABLETS

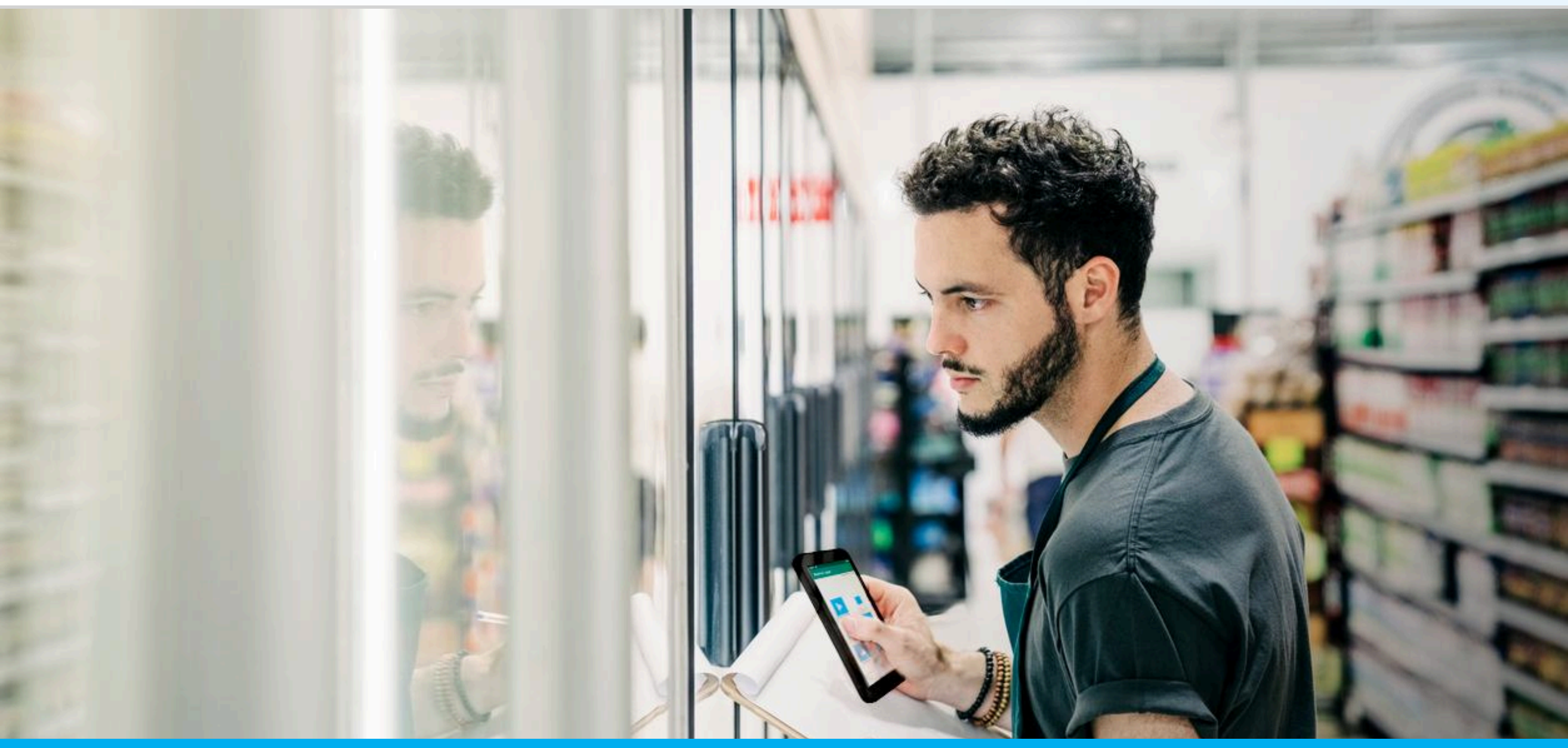
RT10X, RT080, T30, T10, ST10X



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT,
BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine,
BOS™ Device Finder

BLUEBIRD RETAIL SOLUTIONS



SALES FIELD SERVICE

BENEFIT

- Reliable navigation system with route-optimization features
- Immediate competence with advanced scanners for capturing complex barcodes
- Ongoing tracking options for employee location
- Fully optimized network capabilities for industrial demands

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, SF650, HF550X, HF550, K20



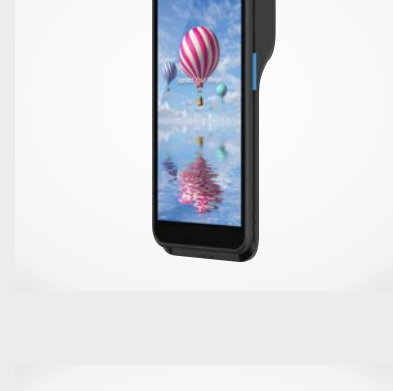
RFID SOLUTIONS

RFR Series, FR900, DR Series, HF550X RFID, VX500 RFID, Transition Gate, Self Checkout, ANS981, ANS980, ANS961, AN971, AN970, ANS960, AN950



ENTERPRISE TABLETS

T30



PAYMENT TERMINALS

EF550 Pay



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Onescan



ASSET MANAGEMENT

BENEFIT

- Improve inventory accuracy and reduce associated time and costs of service
- Optimized maintenance schedules reduce downtime
- Increase technician productivity
- Manage maintenance costs through automated tracking of time and cost

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, VF550, CF550, HF550, EK430, K20



RFID SOLUTIONS

RFR Series, FR900, HF550X RFID, VX500 RFID, ANS981, ANS980, ANS961, AN971, AN970, ANS960, AN950



ENTERPRISE TABLETS

T30, T10



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ NEST, BOS™ Onescan, BOS™ Wi-Fine

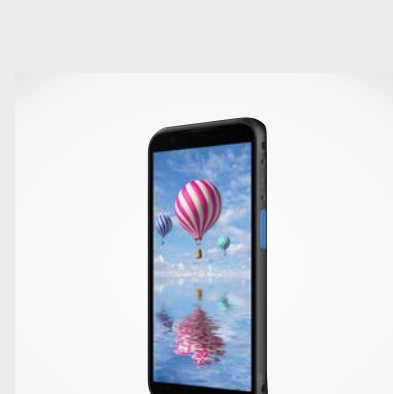


FLEET MANAGEMENT

BENEFIT

- Increase labor productivity and decrease equipment costs
- Reduce repair and maintenance costs
- Eliminate shipment delays due to administrative errors
- Reliable distribution network
- Increase delivery speed with route optimization

BLUEBIRD SOLUTIONS



MOBILE COMPUTERS

S20, S50, S70, S10, EF551, EF550R, EF550, VX500, SF650, HF550



RFID SOLUTIONS

RFR Series, FR900, ANS981, ANS980, ANS961, AN971, AN970, ANS960, AN950



ENTERPRISE TABLETS

RT10X, T30



PAYMENT TERMINALS

EF550 Pay





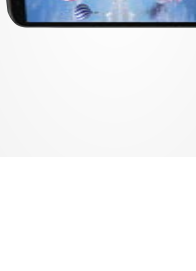
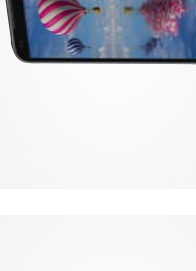
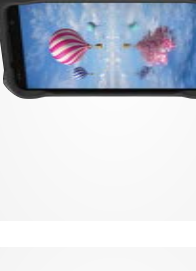
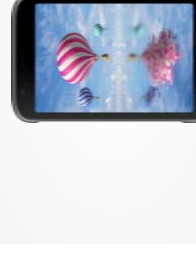
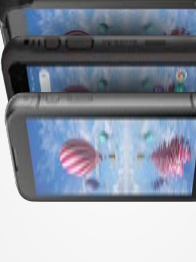



BOS™ SOLUTION

BOS™ SDK, BOS™ Provisioning, BOS™ VoIP, BOS™ PTT, BOS™ NEST, BOS™ Onescan

BLUEBIRD SOLUTIONS

Bluebird provides various portfolios of mobile solutions from industrial handheld computers to tablets, handheld scanners & RFID readers, printer-integrated mobile computers, and payment terminals.

From secure mobile payments to workforce automation and customer engagement, Bluebird's broad product portfolio spans all markets connecting people to information and wherever they need it.

MOBILE COMPUTERS																				
		S20		S50		S70		S10		EF551		EF550R		EF550		SF650		HF550X		EK430
Customer & Sales Engagement		●		●	●			●	●					●			●			
Mobile Payment Terminals																				
POS & Counter Management																				
Merchandising & Inventory Management		●		●	●			●	●					●			●			●
Storage Management		●		●	●			●	●					●			●			
Staff Communications		●		●	●			●	●					●						
Shopping Guide Integration																				
Customer Self-service		●		●	●			●												
Staff ID Management		●		●	●			●						●			●			
Sales Field Service		●		●	●			●	●					●			●			
Asset Management		●		●	●			●	●					●					●	
Fleet Management		●		●	●			●	●											

BLUEBIRD SOLUTIONS

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RFID Solutions															
		RFR SERIES		DR SERIES		SMART TUNNEL READER		SELF CHECKOUT			ANS961	AN971	AN970	ANS960	AN950
Inventory Management	●	●	●		●		●		●	●	●	●	●	●	●
Store Replenishment	●	●	●	●	●		●	●	●	●	●	●	●	●	●
Interactive Fitting Rooms			●				●		●		●	●	●	●	●
Fleet Management	●	●	●						●	●	●	●			
Point of Sales (Self Checkout)			●	●	●			●							
Delivery Validation	●				●										
Supply Chain Management					●	●									
Asset Tracking	●	●	●		●	●	●	●	●	●	●	●	●	●	●
Materials Management	●	●	●		●	●	●	●	●	●	●	●	●	●	●
Shipment Validation	●	●	●		●	●									
Supply Chain Tracking/Management	●	●	●		●	●	●		●	●	●	●	●	●	●
Theft Prevention			●				●		●	●	●	●	●	●	●
Picking and Put-away			●		●	●					●	●	●	●	●

BLUEBIRD SOLUTIONS

Bluebird provides various portfolios of mobile solutions from industrial handheld computers to tablets, handheld scanners & RFID readers, printer-integrated mobile computers, and payment terminals.

From secure mobile payments to workforce automation and customer engagement, Bluebird's broad product portfolio spans all markets connecting people to information and wherever they need it.

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TSC AUTO ID

We are dedicated to being a premier solutions provider and thought leader in the Auto ID industry



Founded in 1991 and listed on the Taipei Stock Exchange, TSC Auto ID brings 34 years of expertise to the AIDC industry. With a strong management team and extensive global sales and technical support, we specialize in thermal printers, label solutions, and Enterprise Mobile Computer (EMC) technology for clients ranging from small businesses to large enterprises.

Our growth strategy includes strategic acquisitions, such as PRINTRONIX's thermal printer business in 2016, label manufacturers DLS (U.S.) in 2019 and MGN (Poland) in 2023, and handheld manufacturer Bluebird Inc. in 2024. Our goal is to become a leading brand in the AIDC market.

OUR PORTFOLIO

Performance Product Line



MOBILE PRINTERS



DESKTOP PRINTERS



INDUSTRIAL PRINTERS



PRINT ENGINES

Enterprise Product Line



ENTERPRISE PRINTERS



RFID PRINTERS



BARCODE INSPECTION PRINTERS

VERTICAL USAGE



Product Return



ALPHA-40L RFID

Mobile Printers

- IP54-rated and withstands 1.0 m tumble
- Withstands up to 6 ft. (1.8 m) drop, 8.2 ft. (2.5 m) with protective case
- Built-in peeler
- TSC Sense Care to monitor smart battery and printhead status



TH240T RFID

Desktop Printers

- Auto switch print language emulation
- Future-proof addable upgrade including connectivity, cutter (regular)
- Media damper mechanism for high-precision printing
- Internal Embedded Webpage and virtual control panel for real-time remote printer management

VERTICAL USAGE



Price Mark Down / New Item Labeling



ALPHA-30R

Mobile Printers

- IP54 rated and withstands 1.0m (3.3ft) tumble
- Tested to be drop-proof/vibration-proof, with MIL-STD-810 certification
- Withstand 2.1m (6.9ft) drop
- Easy connectivity via MFi Bluetooth® 5.0 with NFC tap-to-pair
- Reliable and secured dual-band 802.11ac
- Wi-Fi with fast roaming



DH220T LINERLESS

Desktop Printers

- Auto switch print language emulation
- Future-proof addable upgrade including cutter module, peeler module and linerless cutter kit
- Media damper mechanism for high-precision printing
- Vertical DPI adjustment algorithm minimizes printing deviation
- Internal Embedded Webpage and virtual control panel for real-time remote printer management