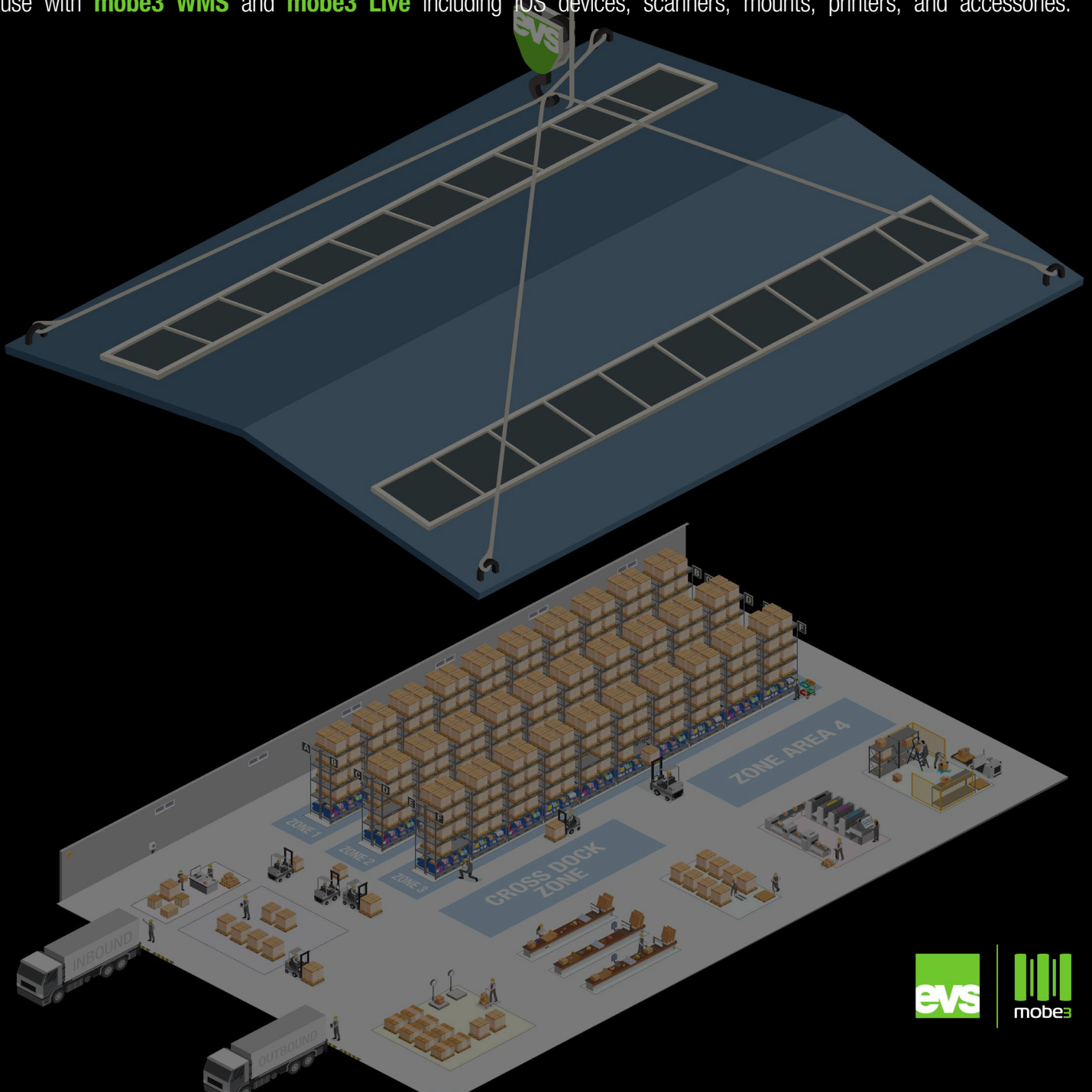# HARDWARE RECOMMENDATIONS

SUMMARY

Integrating new software can be a challenge. Obtaining hardware that supports your workforce in their day-to-day operations ensures smooth user adoption and overall implementation.

To help our customers enjoy the full potential of **mobe3® Cloud WMS** and **mobe3 Live**, we've developed this hardware recommendation guide for key warehouse personnel. The items listed within this guide are based off feedback from current mobe3 customers. Prior to the purchase of any hardware, we recommend you verify current models, specs, availability and pricing with the individual product vendors.

PLEASE NOTE: EVS does not sell, warranty or endorse any of these products. We defer to the vendors for the installation, support and warranty of any products listed herein. These devices are sold through authorized resellers and EVS receives no financial motivation from these resellers. For ease of your planning purposes, this document covers hardware recommendations to use with **mobe3 WMS** and **mobe3 Live** including iOS devices, scanners, mounts, printers, and accessories.

The Warehouse Floor Operator

For those on the warehouse floor, this set-up will turn your workers into lean, mean efficiency machines.

iPhone SE

- 4.7" Retina HD display
- A15 Bionic chip
- 10-hr battery life w/ active use
- Rated IP67
- 12MP back & 7MP front camera

IPC Mobile Linea Pro Rugged SE

- Ideal for reading 1D/2D barcode types
- IP65 rated
- Compatible w/ iOS SE/8/7/6S
- Mobile device communicates via lightening cable, Bluetooth 2.0
- Hot-swappable battery
- Operational between -10°C to 40°C
- Optional pistol grip (as shown)

Ecom Ident-Ex 01 Barcode Scanner/RFID Reader

- Intrinsically safe: ATEX Rating: Zone 1; Hazardous Area rating: Class I, Division 1
- Ideal for reading 1D/2D, RFID at short to medium ranges
- Ideal for intensive scanning & 12-hr shifts
- Mobile device communicates via Bluetooth 2.0
- Multiple head module options for unique customer configuration

IPC Mobile Linea Pro 7

- Ideal for reading 1D/2D barcode types
- Compatible with iOS SE/8/7/6S
- Mobile device communicates via lightening cable, Bluetooth 2.0
- Hot-swappable battery
- Operational between -10°C to 40°C

	RECOMMENDATIONS	COST
PHONE	iPhone SE	$429
SCANNERS	IPC Mobile Linea Pro Rugged SE (no pistol grip)	$699
	(intrinsically safe alternative) Ecom Ident-Ex 01 Barcode Scanner/RFID Reader	$1,905
	(alternative) TSL 1128 Bluetooth UHF RFID Reader	$1,295
ENCLOSURES CHARGERS (OPTIONAL)	IPC Mobile Linea Pro Rugged SE Pistol Grip with battery	$199
	IPC Mobile Linea Pro 7 Single Unit Charging Station	$159
	IPC Mobile Linea Pro SE Single-Unit Charging Station	$159
	Otterbox Defender Series Case	$45
	TOTAL	**$1,536– $2,754**

The Forklift Operator

Need something with range? This winning combo will get your forklift drivers moving in the right direction, without distraction.

Zebra DS3600-ER Bluetooth Scanner

- Ideal for reading 1D/2D barcodes
- Long-range distance up to 70 ft/21.4 m (ER model)
- Short & medium & medium range available
- Scanner & cradler are rated IP65 aka ultra-rugged, freezer-ready, dust-tight, & waterproofed
- Operational between -40°C to 70°C
- Communicates with device via Bluetooth

iPad 10.2 9th Generation

- 10.2" Retina display
- A13 Bionic chip w/ 64-bit architecture
- 10-hr battery life w/ active use
- 8MP & HD FaceTime cameras

aXtion Pro MP iPad 10.2-Inch Enclosure

- Compatible w/iPad 10.2
- Rugged, military-grade shockproof certified
- Rated IP68 (aka waterpoof)
- MagConnect technology

MagConnect HD Forklift Mount

- Quickly connect iPad to square/flat or round surface
- Certified vibration & shock resistant
- MagConnect technology for quick mounting/dismounting

	SAMPLE BUNDLE	COST
DEVICE	iPad 10.2 (9th Generation) WiFi + Cellular	$485
SCANNER	Zebra DS3600-ER Bluetooth Scanner *(long-range)*	$1570
ENCLOSURES	aXtion Pro MP iPad 10.2-inch Enclosure	$200
MOUNTS	MagConnect HD Single Arm Forklift Mount	$139
	BUY HERE FROM BARCODES, INC.	$2,394

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The Warehouse Supervisor/Manager

Everything you need to run your warehouse like a boss.

ProGlove MARK Basic Scanner
- Scans from 1 to 5 ft
- Index trigger for handsfree scanning
- Optimal for scanning 1D, 2D, & postal
- Bluetooth compatible w/ iOS devices

iPhone SE
- 4.7" Retina HD display
- A15 Bionic chip
- 10-hr battery life w/ active use
- Rated IP67
- 12MP back & 7MP front camera

iPad 10.2 9th Generation
- 10.2" Retina display
- A13 Bionic chip w/ 64-bit architecture
- 10-hr battery life w/ active use
- 8MP & HD FaceTime cameras

	RECOMMENDATIONS	COST
PHONE	iPhone SE	$429
	iPhone 12	$599
TABLET	iPad 10.2 (9th Generation) WiFi + Cellular	$459
	iPad mini (6th Generation) WiFi + Cellular	$799
SCANNER	ProGlove MARK Basic Scanner *(mid-range)*	$850
	(alternative) Zebra DS3600-ER Bluetooth Scanner *(long-range)*	$1143
ENCLOSURES	Otterbox Defender Series Device Case (iPad) (iPhone SE)	$50-90
	TOTAL	**$1,828 - $3,105**

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INDUSTRIAL-STRENGTH JOBS, INDUSTRIAL-STRENGTH HARDWARE

Intrinsically safe (IS) hardware designed to mitigate risk while maximizing efficiency.

iPad mini

- 8.3" Liquid Retina display
- A15 Bionic chip with w/ 64-bit architecture
- 10-hr battery life w/ active use
- 12MP & HD front & back camera

OtterBox Defender Division 2 for iPad mini

- Hazardous Area Rating: Class I, Division 2, Groups A, B, C, D
- Certified drop testing from 4ft (MIL-STD 810G)
- Purchase includes certified installation in UL-approved facility
- Instant visual verification by color of Division 2-approved device/case & UL certification label
- Available for iPhones 11, 12, & 13

Ecom Ident - EX 01 Intrinsically Safe Barcode Scanner

- Hazardous Area Rating: Class I, Division 1
- ATEX rating: Zone 1
- IECEx certified
- IP 64
- Ideal for intensive scanning of RFID tags, 1D/2D barcode types
- Range: 5 in - 49.2 ft (5 cm to 15 m)

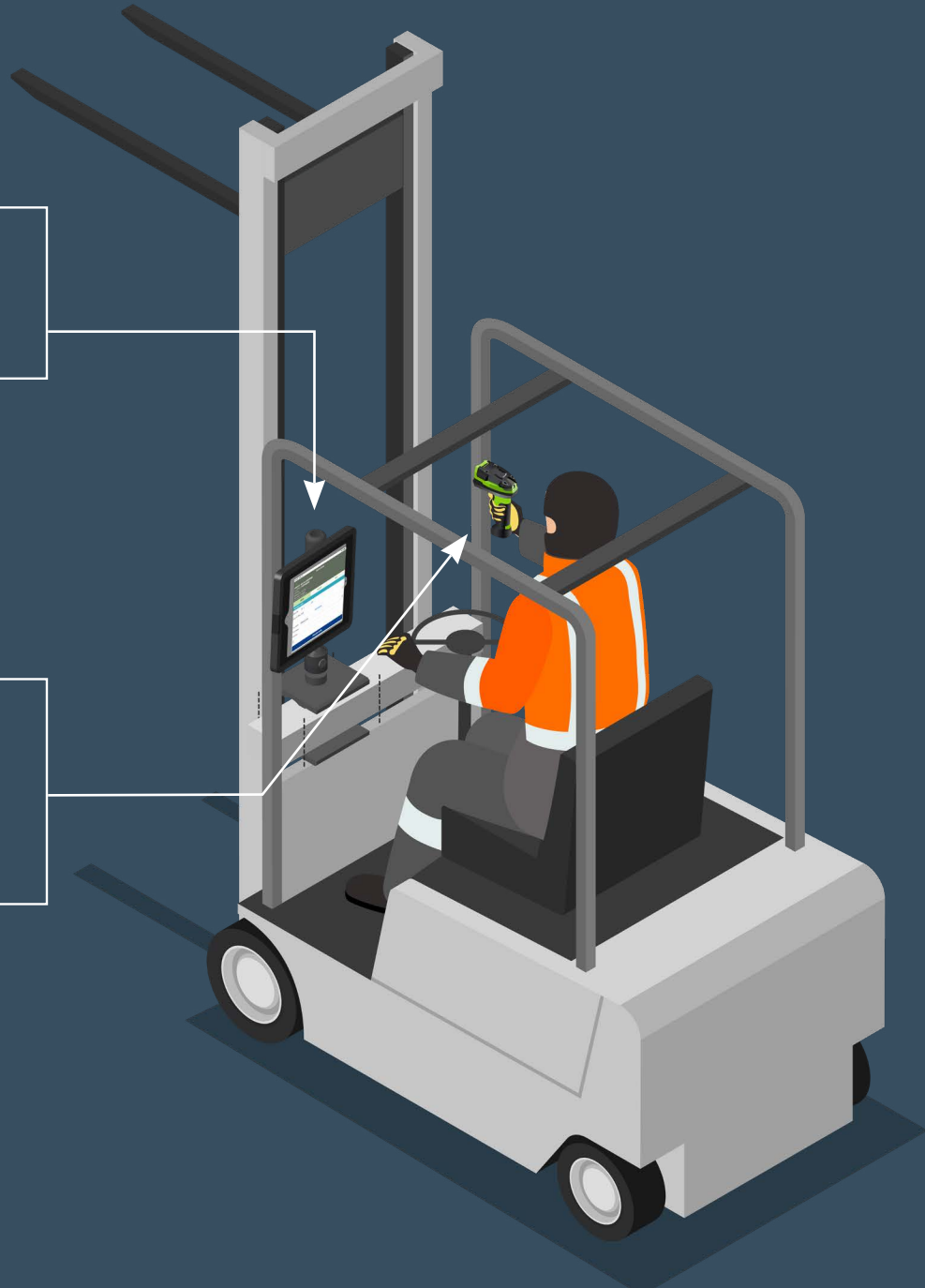|	RECOMMENDATIONS	COST
DEVICE	iPhone 13	$699
	iPad Mini (6th Generation) WiFi + Cellular	$799
SCANNER	Ecom Ident-Ex 01 Intrinsically Safe Barcode Scanner	$1,905
CASES CHARGES ACCESORIES	OtterBox Defender Division 2 Case for iPhone 11/12/13	$250
	OtterBox Defender Division 2 Case for iPad mini	$350
	(alternative) Xciel iPad Mini (ATEX Zone 1 Rating)	$2,715
	Ecom Ident-EX 01 Barcode Scanner Leather Holster	$162
	OtterBox Utilities Series Tablet Carrying Case	$40
	TOTAL	**$3,016 – $6,320**

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COLD STORAGE? THAT'S COOL.

Keep your operations running hot, even in the coldest environments.

iPad 10.2 9th Generation

- 10.2" Retina display
- A13 Bionic chip with w/ 64-bit architecture
- 10-hr battery life w/ active use
- 8MP & HD FaceTime cameras

Zebra DS3600-ER Cordless Scanner

- Available in standard & extended ranges, as well as high-performance
- Cordless operating temperature: -4^0F -122^0F
- Sealing rated IP65 & IP67
- Freezer-rated cables down to -22^0F

	RECOMMENDATIONS	COST
DEVICE	iPhone SE	$429
	iPad 10.2 (9th Generation) WiFi + Cellular	$609
SCANNER	Zebra DS3600-ER Cordless Scanner	$1,143
ENCLOSURE	JLC Solutions Tablet Heater for iPad	$950
	TOTAL	$1,572 – $2,702

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Printers

Honeywell PM43 Industrial Printer

Price: $1,479/unit

- Method: Direct thermal, thermal transfer
- Resolution: 300, 203, & 406 dpi
- Printer media types: ribbon, RFID, label, & tag
- Connection: WiFi, Bluetooth
- Temperature range: extreme temperatures (-40°F – 140°F)
- Recommended environments: manufacturing, transportation, & distribution

Honeywell RL3e Label Printer *(mobile)*

Price: $1,135/unit

- Method: Direct thermal
- Resolution: 203 dpi
- Barcode types: linear & 2D
- Battery life: up to 8 hrs
- Connection: WiFi, Bluetooth
- Temperature range: extreme (-40°F – 140°F)
- Recommended environments: manufacturing, transportation, & distribution

Printers
More great options.

Zebra ZT200 Series Industrial Printer

Price: $1,390/unit

- Method: Direct thermal, thermal transfer
- Resolution: 203 dpi
- Barcode types: linear & 2D
- Connection: WiFi, parallel & 10/100 ethernet
- Temperature range: extreme (-40°F – 140°F)
- Recommended environments: manufacturing, transportation & logistics, & retail

Zebra ZQ600 Plus Series Printers *(mobile)*

Price: $1,010/unit

- Method: Direct thermal
- Resolution: 203 dpi
- Barcode types: linear & 2D
- Temperature range: extreme (-40°F – 122° F)
- Lightweight at 2.45lbs w/ battery
- Connection: WiFi, Bluetooth
- Recommended environments: retail, manufacturing/warehouse, transportation & logistics

Asset Tracking Hardware

Pinpoint the location of valuable equipment & inventory within your facility using your existing WIFI network.
No new hardware to install. No major deployment costs.

iPad 10.2 9th Generation

- 10.2" Retina display
- A13 Bionic chip with 64-bit architecture
- 10-hr battery life w/ active use
- 8MP & HD FaceTime camera

Estimote UWB Beacons

- Get to-the-inch location of high-value assets & equipment, wherever they are in your facility
- Latest generation Ultra Wideband chip compatible w/ Apple U1 chip
- Bluetooth compatible w/ iOS & iPad devices for low-power beaconing
- Uses AA batteries for 4,000 minutes of active UWB ranging

	RECOMMENDATIONS	COST
	iPhone SE	$429
DEVICE	iPad 10.2 (9th Generation) WiFi + Cellular	$479
	iPad mini WiFi + Cellular	$799
BEACON	Estimote UWB Beacons (pack of 3)	$99
	TOTAL	$528 – $1,327

iOS Devices

EVS recommends the most current or 2nd most current version of all iOS devices to ensure customers benefit long-term for the life of the device. We highly recommend the AppleCare+ Protection Plan, which provides extended device coverage and technical support. For support procuring iOS devices, we recommend working with SHI International or Insight. As Apple Corporate resellers, these organizations are authorized to sell Mac, iPad, and iPhone.

Apple iPad 10.2 9th Generation
Price: $329–609/unit

- 10.2" Retina display
- A13 Bionic chip w/64-bit architecture
- 10-hr battery life w/ active use
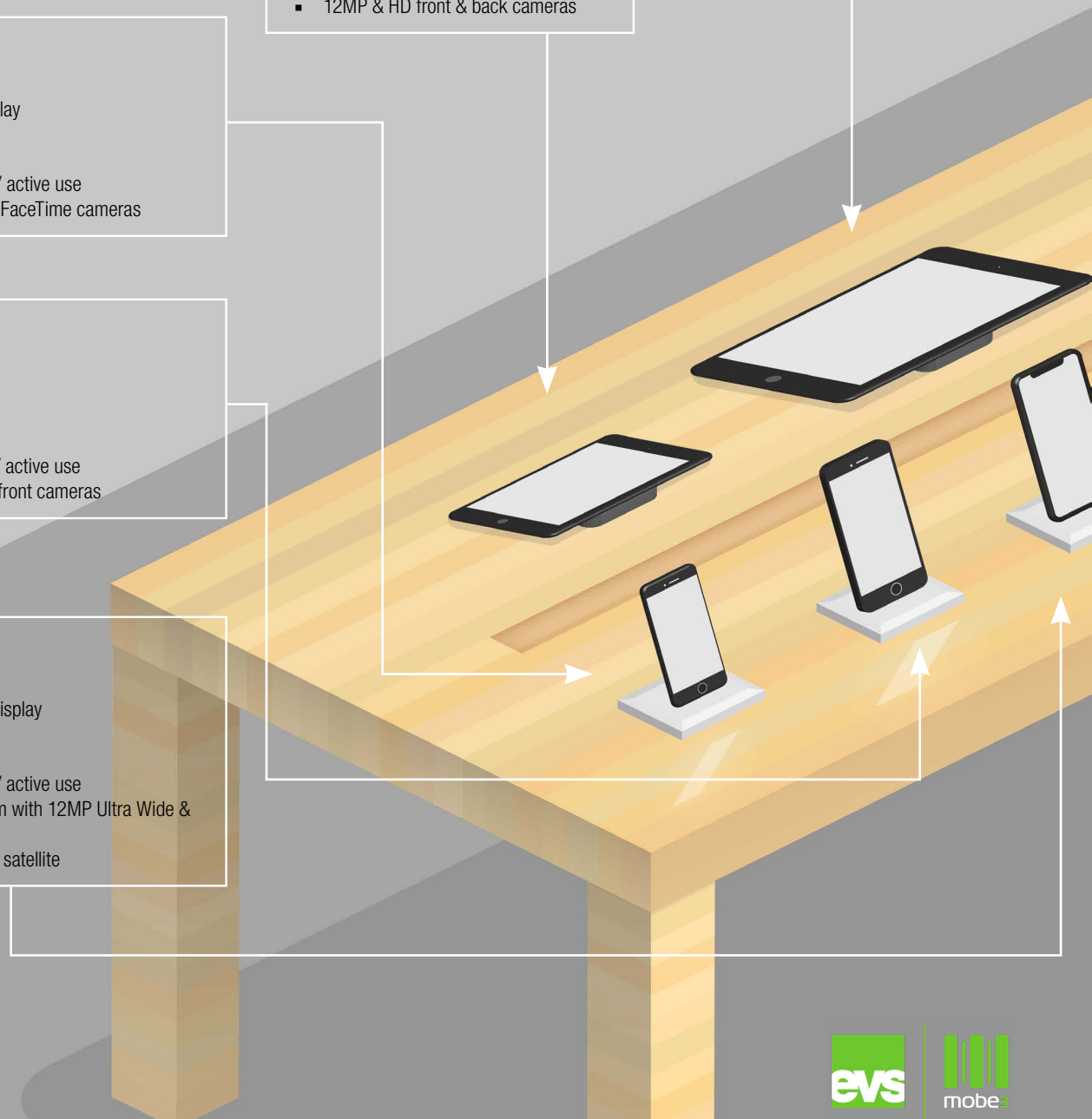- 8MP back camera & 12 MP Ultra Wide front camera

Apple iPad Mini
Price: $499–799/unit

- 8.3" Liquid Retina display
- A15 Bionic chip w/ 64-bit architecture
- 10-hr battery life w/ active use
- 12MP & HD front & back cameras

Apple iPhone SE
Price: $429–579/unit

- 4.7" Retina HD display
- A15 Bionic chip
- Rated IP67
- 10-hr battery life w/ active use
- 12MP Wide & 7MP FaceTime cameras

iPhone 8/Plus
Price: $150–250/unit

- Retina HD display
- A11 Bionic chip
- Rated IP67
- 12-hr battery life w/ active use
- 12MP rear & 7 MP front cameras

Apple iPhone 14
Price: $599-749/unit

- Super Retina XDR display
- A15 Bionic chip
- Rated IP68
- 16-hr battery life w/ active use
- Dual-camera system with 12MP Ultra Wide & Smart HDR 4
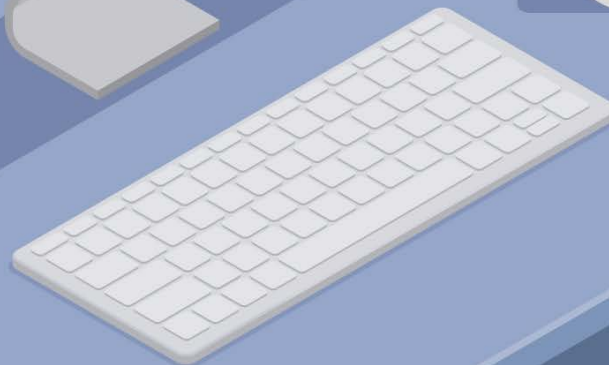- Emergency SOS via satellite

Mobile Device Management (MDM) & Hardware

MDM is a type of security software used by an IT department to monitor, manage and secure employees' mobile devices that are deployed across multiple mobile service providers and across multiple mobile operating systems being used within the organization.

While EVS does not recommend a specific MDM solution, many of our customers have used Insight and SHI for their procurement needs, where they supply Apple Partner—Jamf—to manage iOS mobile devices securely. Jamf provides Mac, iPad, iPhone, and Apple TV management solutions for any business, at any scale.

Find more info on Jamf HERE.

SOPHISTICATED SUPPLY CHAIN TECHNOLOGY
MEETS INSPIRING USABILITY