eDR Overview:

- Operating Systems Supported
- External Equipment Available (Swipe cards/printers/scanners)
- Partner Options

Version 2.01
7.2019

Operating Systems Supported

Android	Version 5.0 or later
Microsoft Windows	Windows 7 or later with .net 4.5
Apple iOS	Version 10.0 or later (recommend 11.0)

Form Factors

Android	Tablets and Phones
Windows	PC
Apple iOS	Tablets and Phones

External Equipment

Internal device camera used as a bar code reader.
Android/iOS devices Uses the internal camera within the tablet/phone to read bar code on the harvester card.
Cost- Free
Pros- Cost Effective, Built into any device
Cons- Camera must be of a higher quality. Cameras vary greatly amongst devices. Must have proper lighting. Less reliable.
Shuttle
Andriod Only Swipe Device- Magnetic Strip Reader. Connects to headphone jack.
Link https://store.idscan.net/IDTech-Shuttle-2-Track-Secure-Mobile-MagStripe-Reader_p_254.html?gclid=Cj0KCQiApbzhBRDKARIsAIvZue9LDcAu8sqX4UPNo5CGuYuclHxYM74XpMO9DJcfePCZCiGYdQITbl8aAjlEEALw_wcB
Cost: $50
Pros- Cost Effective & Readily Available

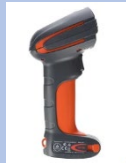|	
Cons- Less reliable/may take multiple swipes/may crash the system if inserted or removed when app is in use.	
Datamax-O'Neil Apex2	
Android, iOS and Windows Swipe Device- Magnetic Strip Reader. Bluetooth connection to the device.	
Link: https://www.barcodesinc.com/datamax-o-neil/apex-2.htm	
Cost: $550	
Pros: Sturdy construction, Bluetooth connection makes it portable. Can be used on all three platforms, Android/iOS/Windows. **Has the option to print paper receipts from the device.**	
Cons: The Bluetooth, while providing the ease of use to connect to all device, has issues inherent with connecting to any Bluetooth device. The expense of the device is much higher than other devices. Apex3 and Apex4 costs between $700-$1000	
Star Micronics SM-T400i	
Swipe Device-Magnetic Strip Reader. Bluetooth connection to the device. **Can be used on all three platforms. Android, iOS and Windows**	
Link: https://www.barcodegiant.com/star/part-39632410.htm?aw&adtype=pla&msclkid=5a51708a78351637e95f2ca524e42b62&utm_source=bing&utm_medium=cpc&utm_campaign=Shopping-All&utm_term=1100506022062&utm_content=Shopping-All&gclid=CNmDm5Cb1N8CFRbjswodA2EJew&gclsrc=ds	
Cost: $550	
Pros: Sturdy construction, Bluetooth connection makes portable. Can be used on all three platforms, Android/iOS/Windows. **Has the option to print paper receipts from the device.**	
Cons: The Bluetooth, while providing the ease of use to connect to any device, has issues inherent with connecting to any Bluetooth device.	
Mag Tek iDynamo iOS	
iOS devices only	
Swipe device magnetic strip reader.	

Link: https://www.google.com/search?rlz=1C1AJZK_enUS819US819&biw=1267&bih=562&tbm=shop&ei=GlAvXJrwMcqJggfy4p6QBw&q=magtek+ios&oq=magtek+ios&gs_l=psy-ab.3..33i299k1l3.54720.56893.0.57223.10.8.0.0.0.0.162.701.7j1.8.0....0...1c.1.64.psy-ab..4.4.305...0.0.FHHJJCbfPeI#spd=11978896728698321897	
Costs: Windows- $90 iOS- $75	
Pros: Cost effective, readily available	
Cons- Less reliable/may take multiple swipes/may crash the system if inserted or removed when app is in use.	
Honeywell **Granit 1910i**	
Widows Only	
Bar Code Reader only	
Link: https://www.google.com/search?q=Honeywell+Granit+1910i&rlz=1C1AJZK_enUS819US819&source=lnms&tbm=shop&sa=X&ved=0ahUKEwjjuaO4s9TfAhUoneAKHRbgCVcQ_AUIDigB&biw=1267&bih=562#spd=116217924974572241	
Cost: $350	
Pros: Sturdy and made for field use. Reliable.	
Cons: Cost	

Partner Options

Department of Public Health Fields	Extra fields in the app to collect information for the Dept of Public Health.
Require Card Swipe	If the harvester does not have their card, they can not sell their catch.
Manual Entry of Harvester info	Ability to manually enter the Harvester ID number to populate the information on the card. (card is not needed for sale of catch)
Endorsements only allowed for sale.	The card will have the endorsement information built into the magnetic strip. If the harvester does not have an endorsement, the application does not allow the dealer to purchase catch outside of endorsements.
Time of Icing	Records the time of icing of catch
Temperature	Ability to record the temperature at various intervals.
Auto generation of harvester trip report	The dealer will get information from the Harvester such as area fished, time fished, effort time and gear. Often called the 1 ticket system.
VTR number	Partner will supply their own VTR number as needed.
Email/Print receipts	Harvester receipts can printed out or emailed to harvester