

Zebra VisibilityIQ APIs

Features At-A-Glance Matrix

ZEBRA TECHNOLOGIES
V4.3



Zebra VisibilityIQ Features At-A-Glance Matrix Summary

- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

of Reports or APIs

Feature	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + Value-Add APIs
Repair	7	7	2	7 + 2
Contract	1	1	1	1 + 1
LifeGuard	1	1	1	1 + 1
Battery	0	5	5	5 + 5
Device	0	5	6	5 + 6
Utilization	0	7	5	7 + 5



Zebra VisibilityIQ Features At-A-Glance Matrix - Repair




- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Repair					
Case Lifecycle	Reports information related to technical and non-technical cases from the point they were opened, until the time they were closed.	●	●	●	●
On Time Delivery	Provides delivery metrics as to whether repairs shipped on time related tot heir due date.	●	●		●
Repair Lifecycle	Tracks repair logistics for all RMAs as they move through the repair process.	●	●	●	●
Repair Return Rate	Tracks Return Rate over a 12-month period. NTF (no trouble found) and Damage too. Includes Damage Rate and Return vs. Failure Rate comparison based on Units Under Contract calculation.	●	●		●
Repair Repeat Rate	Trend of repaired devices returning within 30 days.	●	●		●
Top Repair Metrics	Graphical ranking of repairs by Site, Faults and Problems.	●	●		●
Overlapping States Report	Internal Zebra CEM report highlighting devices that are showing in conflicting states. Example: a device showing in Repair and showing in Spare Pool at the same time.	●	●		●



Zebra VisibilityIQ Features At-A-Glance Matrix – Contract & LifeGuard

- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Contract					
Contract Status	Provides information on all service contracts regardless of expiration date. Includes serial number details per contract.	●	● 	● 	● 
LifeGuard™					
LifeGuard Analytics	Provides Android security patch status for Android devices and recommends needed updates.	●	●	●	●





Zebra VisibilityIQ Features At-A-Glance Matrix - Battery































- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Battery					
Battery Swap	Displays the aggregation of battery swaps at enterprise, site and device level. (Zebra Android devices only).		●	●	●
Critical Battery Events	Reports on batteries that are operating at or below 30% charge as an indicator of battery related issues.		●	●	●
Smart Battery Health	Provides Smart battery inventory, health status and predicted remaining useful life of batteries. Also allows user to create a report for battery replenishment based on battery remaining useful life (Zebra Android devices only).		●	●	●
Battery Level	Provides insight to the average battery level reported by Site, Device Model and Individual Device for the specified date range.		●		●
Battery Discharge	Provides insight to the average battery hourly discharge rate reported by Site, Device Model and Individual Device for the specified date range.		●		●
Battery Events	Provide access to all charging or discharging battery events on individual Zebra mobile computers over the past 24 hours. Also, identify battery usage patterns, debug batteries and detect battery-draining applications.			●	●
Battery Status	Pull battery level, voltage, capacity and other status level data from the previous 24 hours. Leverage the data to debug batteries, detect charging issues and analyze drain patterns.			●	●



Zebra VisibilityIQ Features At-A-Glance Matrix - Device

- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Device					
Devices in Operation	Devices as reported by the MDM categorized into Utilized, Unutilized and Out of Contact.		 	 	 
Newly Activated Devices	Devices that have been newly added to the MDM.		 	 	 
Out of Contact	Provides a view to devices that have gone out of contact from the MDM to help pin-point Lost/Stolen. Also provides last known access point (AP) BSSID and friendly name for all out of contact devices.		 	 	 
Predictive States	Alerts on Site, Model and Device health as determined by Predictive Analytics algorithms.				
Total Devices	Inventory view of customer's total devices from all onboarded contracts and MDM platform. The report also indicates the device states in the operational environment.		 	 	 
Device Information	Reveal an individual Zebra mobile computer's basic information such as model, SDK version and serial number. – valuable data for repair profiles. Provide a view of entire fleet information as well.				
Installed Applications	Provide access to information on all installed applications including application names, packages, date installed and version numbers. Also aid compliance with device use policies.				



Zebra VisibilityIQ Features At-A-Glance Matrix - Utilization

- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Utilization					
Application Analytics	Track and compare total minutes used by each application and version. (Zebra Android devices only.)		●	●	●
Disruptions	Provides delivery metrics as to whether repairs shipped on time related tot heir due date.		●		●
Physical Memory (RAM) Utilization	Physical Memory Utilization of Devices and alerts on threshold crossings.		●		●
Storage Memory Utilization	Storage Memory Utilization of Devices and alerts on threshold crossings.		●		●
Scans Metrics	Track the number of successful scans and compare the symbology. (Zebra Android devices only.)		●	●	●
Utilization Right-Sizing	Alerts on sites with highest and lowest device utilization. Information enables customers to determine right sizing and allocation of devices.		●		●



Zebra VisibilityIQ Features At-A-Glance Matrix – Utilization, cont'd

- VisibilityIQ OneCare and Foresight provide access to reports through a User Interface
- VisibilityIQ APIs provide programmatic access to report data through REST APIs

Feature/Report	Description	VisibilityIQ OneCare	VisibilityIQ Foresight	VisibilityIQ APIs	VisibilityIQ Foresight + APIs
Utilization					
WLAN Signal Strength	Per-site view of WLAN signal strength range. Identifies Access Points where devices are experiencing low signal strength.		●	●	●
Application Not Responding	Retrieve ANR data by individual device, device models or all devices to simplify troubleshooting and assist with debugging. Data also can identify ANR patterns.			●	●
Application Usage	Access usage data for applications running on individual Zebra® mobile computers to gauge the impact on productivity and optimize application usage and investments.			●	●
Device Disruption	Provide quantity and time stamp of manual or system-initiated reboots of a mobile computer. Also, determine repair needs based on devices crashes.			●	●
Device Utilization	Retrieve historical range-based, aggregated or last-known record data outlining device utilization based on the time the display was turned on Determine the productivity impact of devices and optimize their use.			●	●

Thank you

<https://developer.zebra.com/apis/visibilityiq>