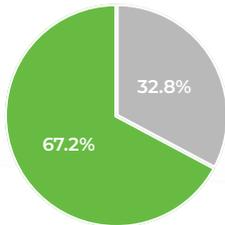




# PrologMobile 2022 iPhone™ Recap

In 2022, PrologMobile analyzed millions of iPhones as part of our ongoing operations for our clients. Through the analysis of millions of used mobile devices, which generated tens of millions of data points, we sifted through the data to identify and provide a range of statistics revealing the state of iPhones that were run through our system in 2022.

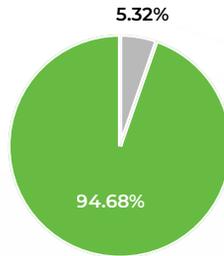
## FMiP Status



- FMiP On
- FMiP Off

If FMiP is "ON" and the seller is standing in front of you, the device can be easily reactivated. When a device arrives anonymously in your inventory with FMiP "ON", it cannot be reactivated. It is optimal for FMiP to be turned "OFF" before you buy or resell iPhones.

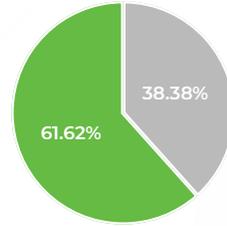
## MDM Lock Status



- MDM Lock On
- MDM Lock Off

When a device's MDM status is "ON", that device will be difficult to reactivate, lowering its resale value. Devices with an MDM status of "OFF" are preferable as they have more value and reuse options.

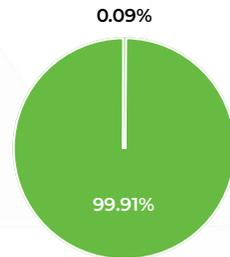
## SIM Lock Status



- SIM Locked Devices
- SIM Unlocked Devices

SIM locked devices can be positive or negative depending on your business. As some SIM locked devices have limited reactivation options, unlocked devices offer the most options for reuse.

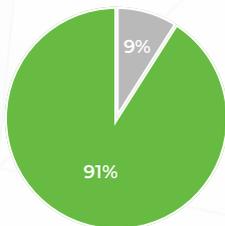
## Chimaera Lock Status



- Chimaera Locked
- No Chimaera Lock

Devices with Chimaera Locked status will be nearly impossible to reactivate. In most scenarios, these devices will have parts value only.

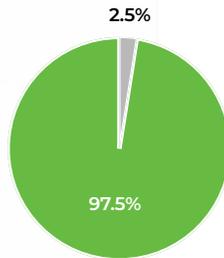
## Carrier Financial Eligibility Status



- Carrier Financial Eligibility Issues
- Carrier Financial Eligibility Clean

Devices with Carrier Financial Eligibility Status issues will experience activation problems. "Clean" devices command higher resale prices and are significantly easier to reactivate.

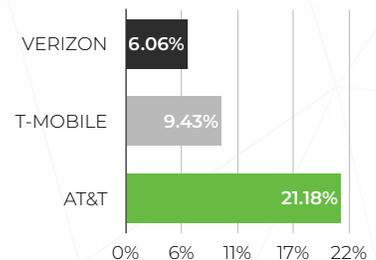
## Blocked List Status



- Status Blocked
- Status Unblocked

Devices that come up at "Blocked" on the GSMA Blocked List are nearly impossible to reactivate in the US. "Blocked" devices always fetch much lower prices at resale.

## Percentage of Devices with Financial Eligibility Issues by Carrier



It is important to note that over time, a device's status with a given carrier can change. A device may be "Clean" when purchased, but upon retesting a few weeks later, an updated status can raise a red flag. "Clean" devices are preferable as they command higher resale prices and have more reactivation options.

Given the hundreds of data points available for each device, identifying the various device statuses, as well as what they mean for your business can be a daunting task. PrologMobile's approach is quite simple – Know Before you Buy! By understanding all the pertinent data points up front, you can ensure the best acquisition costs as well as the highest resale prices and reactivation rates.

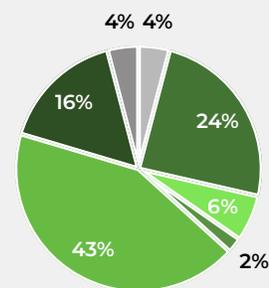


# PrologMobile 2022 Android Recap

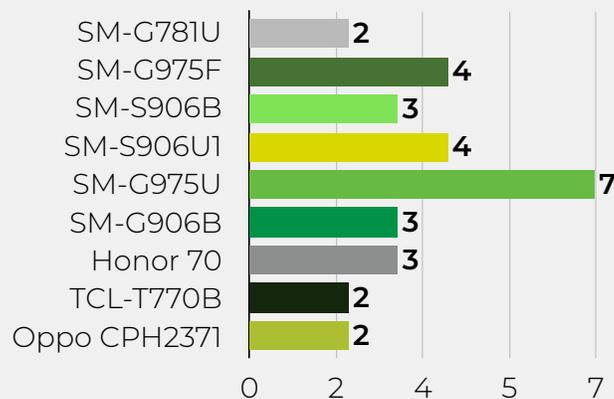
In 2022 PrologMobile analyzed more than a thousand different Android models. With such an amazing breadth of devices, the Android market can be uniquely challenging for the reverse supply chain. So challenging, in fact, that some organizations refuse to work with these devices altogether. We have analyzed millions of data points and identified some key findings that greatly demystify the Android world.

The most important issue we have uncovered regarding the Android market is that the same make and model of device can have multiple radio bands and technology configurations. Ultimately, these seemingly insignificant differences dictate the device's interaction with a specific network and consequently, the user experience.

For example, the Samsung SM-G975U has 58 different TACs and 7 different modem configurations. Some have only a few LTE bands, while others have over 20! There is no way to identify these differences from a visual inspection, plugging it into a diagnostics system or researching it online. As a result, it becomes challenging to determine which carriers will support reactivation of the device and what the user can expect from its performance upon reactivation.



SM-G975U TAC Banding Variations



Other Samsung models also have a variety of banding configurations. Of all the Samsung models we've examined, there hasn't been one with a single modem configuration, which leads to a certain degree of confusion when these devices are resold in the secondary market. And as the chart to the left indicates, the issue isn't limited to Samsung devices.

Why does this matter? Simply put, by not understanding these device variations, it becomes unlikely that a batch of specific Android models will all activate and provide a uniform user experience on a given carrier. Only by analyzing each individual device can you know its compatibility and ensure the expected user experience.

PrologMobile has done the difficult work to identify and understand the ramifications of these internal device variations. In fact, we process over 1,400 make and model combinations monthly, giving us a level of insight that is unique to our industry.

We can put the power of these Android device insights to work for you! Reach out to PrologMobile today and take the risk out of the used Android device market.