

# iPhone 17's Sustainability Profile Improves in Recycled Content and Security, But Repairability Stagnates

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Apple's iPhone 17 Pro and Pro Max arrive with a mix of sustainability upgrades, new design choices, and expanded security features. For IT asset disposition (ITAD) operators, recyclers, and repair professionals operating in the mobility space, these shifts are interesting to track, and they include larger batteries, denser aluminum bodies, and eSIM-only models, all of which could have an impact on how devices are handled, tested, and resold. What Apple does is also tracked by its competitors and what it does today, could affect the products of other OEMs.

At the same time, Apple's use of more recycled materials and its new Memory Integrity Enforcement feature shows that that OEMs continue to explore ways to to enhance their circularity and stronger data protection offerings beyond mere proclamations. The question for the broad recycling industry is how to adapt operations when devices are becoming more durable, more secure, and more tightly controlled by Apple's own trade-in ecosystem.

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