



TimeShield™

CypherBlk powered by Apkudo

Smartwatch Circularity, Secured



Restore trust, accelerate throughput, and enable secure, compliant smartwatch reuse at scale. TimeShield combines certified data security, fraud protection, and deep device intelligence to maximize resale value and operational performance.



Certified Security and Compliance

Protect your business with ADISA-certified data erasure, audit-ready reporting, and full alignment with R2v3 and global privacy requirements. Ensure secure processing and regulatory confidence across every device.



Fraud Prevention and Authenticity Verification

Detect counterfeit components, battery swaps, and unauthorized repairs with component-level analytics. Reduce RMAs, protect brand integrity, and prevent costly resale disputes.



Throughput and Operational Efficiency at Scale

Process multiple devices in parallel with purpose-built hardware and automation that reduces labor, minimizes errors, and delivers consistent performance across high-volume operations.



Deep Asset Intelligence for Maximum Value

Capture precise smartwatch data to improve grading accuracy, optimize resale pricing, and increase marketplace performance while strengthening buyer trust.



Circularity and Sustainable Growth

Enable compliant reuse, repair, and resale programs that reduce e-waste, support ESG goals, and position your organization as a leader in the circular economy.

More than a processing tool—TimeShield is a breakthrough solution restoring trust in smartwatch reuse and strengthening the entire circular economy.

Secure Data Erasure and Compliance

ADISA-certified platform for secure Apple Watch and WearOS processing. Tamper-proof audit trails support R2v3, GDPR, and regulatory requirements.

Fraud and Counterfeit Detection

Component-level analytics verify OEM parts, detect battery swaps, and identify unauthorized repairs.

High-Capacity Processing

Parallel processing and custom jigs enable high-volume workflows with improved ergonomics and accuracy.

Deep Device Intelligence

Capture IMEI, serial, battery health, lock status, OS version, and more to enable accurate grading and resale optimization.

Audit-Ready Reporting and Platform Visibility

Unified dashboards provide live KPIs, traceability, and compliance reporting across sites and partners.

Integration and Workflow Automation

REST API connectivity enables seamless integration with ERP, WMS, and lifecycle intelligence platforms.

Apkudo Platform Powered

Integrated into the Powered by Apkudo ecosystem for full lifecycle intelligence.

Learn more at apkudo.com

