



**Minimize data risk.
Maximize critical
business outcomes.**

Hyperscale-grade audit compliance.

ITRenew's comprehensive approach to data security compliance ensures complete traceability and peace of mind.

HERE'S HOW IT WORKS:



STEP 1

Asset discovery.

Your audit trail begins with complete asset discovery, comparing your list of stated assets with what we actually find. Utilizing the automated process of our proprietary data security and compliance software, Teraware, we ensure the discovery of every asset with precision. This process includes identifying the make, model, and manufacturer of all components within the server (e.g., CPU, Memory Dimms) and all key attributes of the drives associated with the server (e.g., power-on hours, logical serial number). Teraware logs the parent-child relationship between the rack, server, and drive, constructing a perfect blueprint.

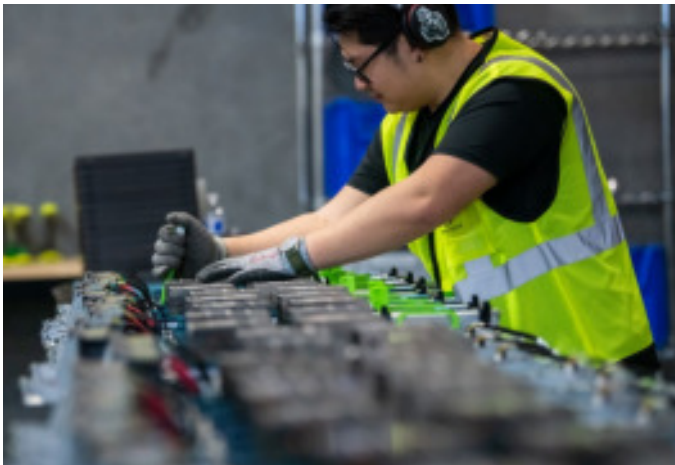
Finally, we compare our findings with your stated list of assets.

Teraware's automated reconciliation reporting is critical to establishing accurate inventory and ensuring complete sanitization.

STEP 2

First reconciliation report generated.

Following asset discovery, a reconciliation is run automatically, creating a variance analysis. This evaluation ensures that any variances are identified, researched, and closed out before further action is taken.



STEP 3

Drives erased.

After setting up a virtual local area network (VLAN), ITRenew technicians connect a small appliance loaded with Teraware to all racks that are to be sanitized. The application sends agents to every server node and then instructs the agents to erase all data automatically—**a process that takes one to two days**. Job-status reporting is available throughout.

Teraware fully erases more than 98 percent of drives. The remaining 2 percent of drives are destroyed efficiently and securely, keeping with requirements from both the National Institute of Standards and Technology (NIST) and the National Association for Information Destruction (NAID).

Thanks to the complete blueprint created during asset discovery, the 2 percent of failed drives are quickly and easily pulled by hand, physically scanned, and marked for destruction. Then, they are either destroyed onsite with a mobile shredding unit or shipped securely to an ITRenew facility for destruction.

STEP 4

Certificates created.

Once the erasure process is complete, a **Certificate of Sanitization** is automatically generated for each successfully sanitized drive. Certificates of Destruction will be created for any drives that failed the erasure process and were subsequently physically destroyed. These certificates serve as proof that the data contained on every drive has been completely eliminated.



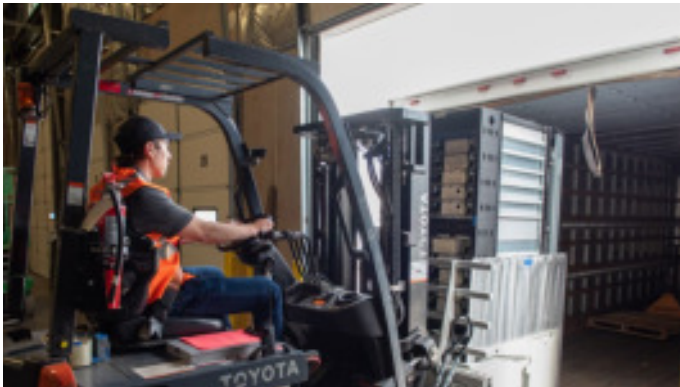
During numerous tests at independent forensic labs, **no data has ever been discovered on a Teraware-wiped drive.**



STEP 5

Departure report generated.

Following the erasure process, an asset reconciliation report identifies and categorizes all the assets processed onsite and designates which are to be shipped to an ITRenew facility. Next, Teraware's automated report is cross-checked with a physical scanning of items, creating a complete data center departure report. This report ensures **all assets are accounted for, whether shredded at the data center or shipped to ITRenew**—adding an extra gate for data security.



STEP 6

Secure drive transportation.

As the equipment is loaded onto securely sealed trucks, it is cross-checked against the Teraware report. All assets are then securely transported to an ITRenew facility for processing. What's more, **thanks to secure shipping with sealed loads and GPS tracking, you know where your decommissioned assets are at all times.**



STEP 7

Reconciliation.

Upon arrival and unloading at an ITRenew facility, your assets are again cross-checked against the baseline report. **Items are then individually scanned into our Web Inventory Tracking System (WITS)**, which is cross-checked with Teraware to reconcile each serialized asset independently. If any variances are found, a variance report is created, triggering an investigation in collaboration with the client.



STEP 8

Value recovery.

For any assets to be resold, ITRenew removes the asset tags to ensure security and prevent future misidentification of equipment. Assets and components are put through a thorough reconditioning process in which ITRenew evaluates the hardware for performance, conducts cosmetic upgrades, and securely packages hardware for a retail-grade final product. Firmware is reset to factory settings to further protect our clients and preserve their anonymity.

Once sold, ITRenew provides the client with notification of sale and distributes resale funds, completing the chain of custody. The WITS portal enables complete tracking throughout the process for total peace of mind.

Asset destruction & recycling.

Before disassembly and recycling, ITRenew removes asset tags from racks and servers to prevent future misidentification of equipment and ensure the client's data security. Failed drives are destroyed, and a Certificate of Destruction is created for each. Fully sanitized drives also can be shredded if desired.

Mission critical visibility.

With either option, the WITS portal makes the process fully transparent and closes the loop on your data security.



Peace of mind. Guaranteed.

From erasing and shredding drives to recycling or reselling racks, servers, and other equipment, ITRenew maintains a fully traceable audit trail – ensuring end-to-end compliance. We stand by our results: thanks to our complete chain of custody, our clients have all received flawless results on audits by top-tier, independent auditors.

Trust your critical corporate and data center IT assets to the experts. Trust ITRenew.

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itrenew.com/decommissioning-processes

ABOUT ITRENEW

ITRenew, acquired by Iron Mountain in 2022, is revolutionizing data center infrastructure, the backbone of our digital world, through our innovative engineering, processes and technologies. Our circular data center models empower hyperscalers to unleash the full potential of their hardware and offer the broader industry cutting-edge solutions that raise the bar for performance, scalability and sustainability.

ITRenew.com