

# IBM Technology Lifecycle Services IT Sustainability Offerings

Optimize IT resource usage, reduce carbon footprint and meet enterprise security, industry and regulatory requirements



## Highlights

IBM IT Sustainability  
Optimization  
Assessment

IBM Asset Recovery and  
Disposition

IBM Data Erasure  
Services

IBM Media Destruction  
Services

IBM Media Retention  
Services

According to IDC, “three-quarters (75%) of organizations consider sustainability and circularity critical factors in their procurement process for IT equipment.”<sup>1</sup> With a global ESG regulation increase of 155% in the past decade, there is increasing pressure for companies to focus on implementing sustainability initiatives<sup>2</sup>. Organizations are adopting a circular economy approach for their IT environments, focusing on maximizing the utilization and performance of their resources. This circular economy notion includes data center optimization, and the internal reassignment, reselling, donating, or finally recycling of decommissioned IT assets, both of which help companies reduce their carbon footprint to reach sustainability goals.

IBM Technology Lifecycle Services (TLS) offers IT sustainability offerings that are designed to help clients optimize IT resource usage, reduce carbon footprint, and meet enterprise security, industry, and regulatory requirement, throughout the lifecycle. For companies looking to optimize their virtualized on-prem infrastructure or to modernize their technology environments, the IBM IT Sustainability Optimization Assessment is designed to help clients identify the appropriate course of action to achieve IT infrastructure goals.

Once the assessment is completed, IBM TLS offers a variety of services that can help clients realize the benefits and savings of the assessment. IBM TLS services that can help clients complete the recommendations from the assessment include project and labor based services for installation & de-installation, relocation, implementation and migration.

Once clients have identified assets to remove, IBM TLS offers IBM Asset Recovery and Disposition and IBM Media Retention Services, and for end-of-life data, IBM Data Erasure Services and IBM Media Destruction Service

### [IBM IT Sustainability Optimization Assessment](#)

IBM IT Sustainability Optimization Assessment is a remote service that is designed to provide actionable recommendations to realize performance efficiencies and reduce energy consumption, and to help clients to drive cost take out actions and reduce their IT carbon footprint within their virtualized on-prem infrastructure with a safe and securable execution designed not to impact workloads. Leveraging IBM Turbonomic AI-driven insights, IBM Technology Lifecycle Services (TLS) can help clients to make informed decisions and achieve sustainability targets, throughout the data center lifecycle.

The assessment will run planning scenarios for IT optimization and hardware





refresh, recommending an actionable plan to consolidate and/or replace hosts, along with the estimated cost reduction from the proposed actions and projected improvement in energy consumption and carbon footprint.

### **IBM Asset Recovery and Disposition**

IBM's Asset Recovery and Disposition offering, available in the USA, Canada, UK, Germany and Switzerland, provides an environmentally and economically sound alternative as an end-to-end sustainability solution that enables a circular economy for de-installed assets, whether you want to resell them or recycle them. IBM can help you to prepare your assets, remove equipment, assess actual value, and then either resell or dispose of your assets in compliance with both GDPR and ISO 14001.

### **IBM Data Erasure Services**

IBM's Data Erasure Services offering provides an environmentally safe and securable alternative to managing end-of-life devices and data in the client's data center. IBM Technology Lifecycle Services offers certified data erasure services in collaboration with Blancco Software Technology to remove data in a security-rich environment across all types of drives and vendor technologies. IBM technicians certified on Blancco data erasure software take the time to understand a client's environment and help clients identify a data erasure strategy by assessing their environments, and the assets involved and addressing their erasure requirements.

The service is designed to provide clients with a tamper-proof certificate of erasure once completed, tailored to their requirements. With this documentation, clients can securely dispose of end-of-life data, safely redeploy, resell or donate their data storage assets or sustainably dispose of their assets via IBM Asset Recovery and Disposition, IBM TLS Project-based Services or alternative IT asset disposition.

IBM Data Erasure Services help companies meet standards for secure data erasure in accordance with privacy and security regulations around the globe, including ISO 27001 and the General Data Protection Regulation (GDPR) in the European Union. Our solutions support more than 25 erasure standards and guidelines globally, including the clear or non-destructive purge contained in the U.S. National Institute of Standards and Technology (NIST) Guidelines for Media Sanitization, NIST SP 800-88 Rev.1.<sup>3</sup>

### **IBM Media Destruction Services**

IBM Media Destruction Services includes degaussing, shredding, decommissioning and disposition. Our decommission and disposition services can help your organization dismantle a data center and recycle hardware equipment that's no longer needed. IBM Media Destruction Services supports our customers in their efforts to be compliant and maintain their reputations. It is also designed to help prevent the risk of noncompliance fines, should your business be audited.

You can count on  
IBM Technology Lifecycle  
Services to keep your  
mission-critical systems  
running smoothly 24x7

### **IBM Media Retention Services**

IBM Media Retention Services is designed to help clients reduce security and compliance risks and protect sensitive data stored on damaged media components that need to be replaced. Rather than having defective media components returned and refurbished as used returnable parts, you can keep the defective HDD, SSD or flash memory on your premises. This way, you can better safeguard the security and privacy of sensitive data without having to purchase the damaged media component at its retail price. IBM Media Retention Services is only available for clients with IBM HW maintenance support contracts.

### **Conclusion**

Globally many organizations are fostering circular IT economies and adopting hybrid cloud architectures has become a strategic imperative for enterprises seeking to leverage the benefits of both on-premises and cloud-based infrastructures. As a result, clients are undergoing data center consolidation, migrating on-prem data centers to co-location facilities or the cloud for greater efficiencies and performance with their hybrid cloud workloads. With the global ESG landscape becoming more complex, IBM Technology Lifecycle Services sustainability offerings are built to help organizations optimize IT resource usage, reduce carbon footprint, and meet enterprise security, industry, and regulatory requirements.

### **Why IBM Technology Lifecycle Services?**

IBM Technology Lifecycle Services can help organizations adopt a hybrid cloud model and create a healthy circular economy for their IT environment by acting as a one-stop-shop for client's IT support and services. For more than 50 years, IBM has committed to environmental responsibility in all business activities, and decades of experience enable us to maximize value asset recovery and deliver world-class sustainability outcomes for IBM and client-owned IT.

### **For more information**

To learn more about IBM Technology Lifecycle Services, please contact your IBM representative or IBM Business Partner, [contact us directly](#) or visit <https://www.ibm.com/services/technology-lifecycle-services>

© Copyright IBM Corporation 2024

IBM Corporation  
New Orchard Road  
Armonk, NY 10504

Produced in the  
United States of America  
March 2024

IBM, the IBM logo are trademarks or registered trademarks of International Business Machines Corporation, in the United States and/or other countries. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on [ibm.com/trademark](https://ibm.com/trademark).

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

IBM products are warranted according to the terms and conditions of the agreements under which they are provided.

1 IDC Perspective: [IDC Circular Economy Strategies Survey](#), October 2023, #US51316123

2 Global ESG Regulation Increases by 155% Over the Past Decade - ESG New, <https://esgnews.com/global-esg-regulation-increases-by-155-over-the-past-decade/>

3 The Industry Standard for Secure Data Erasure, <https://www.blancco.com/about-us/>

