



IT Asset Management Sustainability Solutions

Accelerate your financial and sustainability success



Inflationary pressures and economic instability have fostered a challenging environment, where adaptable, efficient organizations have the best opportunity to succeed. While managing liquidity and cash flow are crucial, the strategic deployment of IT asset management provides the edge needed to control expenses, unlock business growth, and achieve your environmental sustainability goals.

With SHI's ITAM sustainability solutions, you can save energy, cut costs, and reduce carbon emissions all at once. Our pioneering approach analyzes the performance efficiency and energy usage of your IT hardware to provide accurate measurements. By identifying the worst-performing servers, we offer the best alternatives for cost and energy usage, allowing you to save money instantly. With data centers accounting for a staggering 70% of energy consumption, our solutions are the perfect choice for any sustainability-conscious organization looking to optimize operations.

Benefits

- Reduce energy costs and carbon emissions by up to 60% - 75% while increasing compute power.
- Provide essential calculations for scope 2 and 3 emissions required for regulatory compliance.
- Support your ESG goals through tangible and measurable results.
- Prepare for the future and the increasing need for data storage and processing.
- Optimize server estate for efficiency, speed, and cost management.
- Manage compliance requirements across varying reporting standards.
- Realize ROI with our industry-leading tools and technology expertise.

Improve efficiency

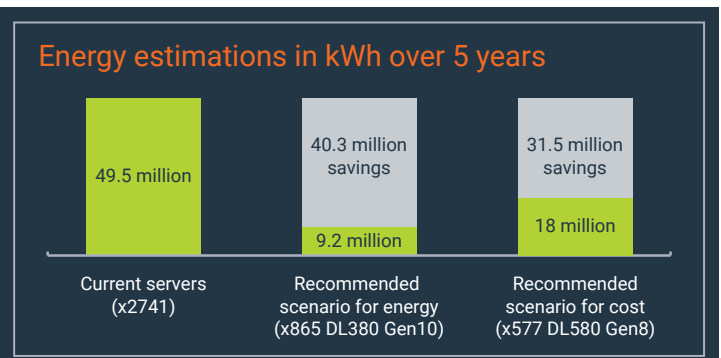
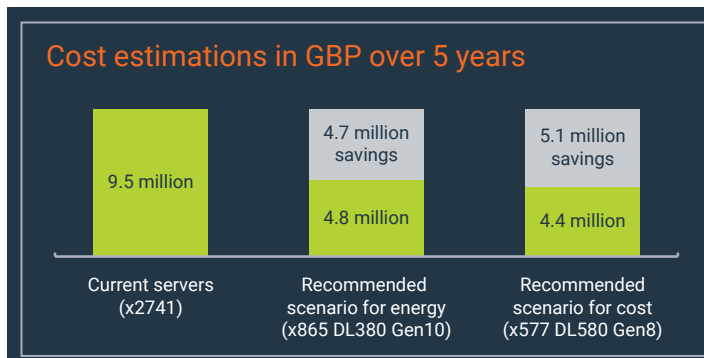
1. Data centers consume 1% of the world's global electricity demand.
2. Servers are responsible for 70% of the energy draw of a data center, on an average.
3. An average rack server contains over 1,000 kg of embodied carbon emissions.

See figure 1 for energy estimation cost reduction from GBP 9.5 million to GBP 4.8 million over five years.

Achieve smart savings

1. Our ITAM specialists help you identify stranded servers (i.e., those not used to deliver services) and repurpose as needed.
2. We help locate equipment with high failures and shortened lifecycles.
3. We offer recommendations on extending the value of aging assets.

See figure 1 for energy estimation consumption reduction of current servers from 49.5 million kWh to 9.2 million kWh over five years.



Data center optimization and hardware upgrades

Our experts conduct operational cost forecasts and calculate the optimum server hardware replacements from all major OEMs – delivering the same compute power with lower energy usage, cost, and carbon emissions than the current server estate. With vendor neutral solutions available, we provide scientific answers to the problems of economic, energy, and materials waste.

ROI/TCO analysis

We work with your teams to carry out operational cost forecasts that can range from 1–10-year periods. Many external factors like electricity, maintenance, repair, licensing, and space/rack costs are included into the calculations, delivering actionable recommendations that drive impact.

Scope 3 carbon footprint

We utilize cutting-edge techniques and multiple data sources to provide accurate market information on the embodied carbon in the server estate. The ability to reconfigure existing servers can also be included to support your sustainability initiatives and meet legislative requirements for the reporting of Scope 3 emissions.

Solve what's next

SHI partners with your team to find, track, and manage your hardware and software more effectively, eliminating unwanted costs and improving utilization and governance. Our wide-ranging services include:



365 Insights



**SaaS
Management**



**Audit
Management**



**ITAM Maturity
Assessment**



**Optimized
License Position**



**Sustainability
Solutions**

With industry knowledge, leading market research, and extensive reporting capabilities, our experts can help you improve data efficiency and optimize server estate performance – ultimately saving energy, carbon, and cost. We deploy AI/ML tools that deliver insight-driven reports supporting operational improvements, hardware performance, sustainability reporting, and cost management.

Achieve strategic goals

By collaborating with our partners and utilizing our sustainability expertise, we can support your next initiative, including:

- End-to-end asset management with industry-leading tools and best practices
- New and improved energy and carbon reduction strategies and data center efficiency
- Consolidation/capacity planning and data center optimization to reduce costs
- Practical tips for product life extension, refresh, and reconfiguration recommendations
- Accurate carbon reporting for legislative compliance requirements

To [learn more](#) about our energy-efficient solutions, please contact your SHI account executive today.