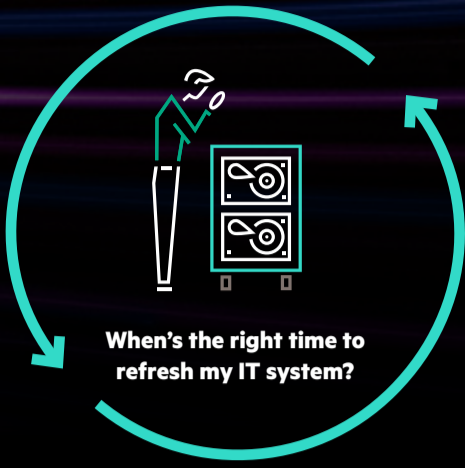
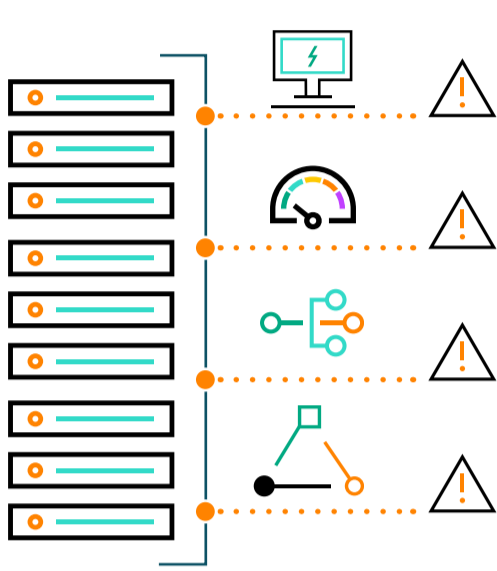


# EFFICIENCY BENEFITS, CHALLENGES OF IT LIFECYCLE MANAGEMENT



## THE PROBLEM



- The average server is **5.5 years** old
- But, servers older than **3 years** make up 40% of the installed base:
  - Yet perform less than **7%** of the work
  - While consuming **66%** of the power<sup>1,2</sup>

Additionally, **25%** of the power in an average data center is consumed by storage, while data generated is growing exponentially.<sup>3</sup> Yet, storage optimization is often neglected

Data growth, new standards, and industry regulations also drive continual **network** refreshes

And, while **edge** can optimize performance and costs, it's rapidly evolving, creating shorter lifecycles

**IT'S COMPLICATED**

## THE SOLUTION

Integrating IT lifecycle management into your overall technology strategy yields significant positive efficiency, cost and environmental benefits.

**\$76,000**

Refreshing servers can result in operational cost savings of \$76,000 over three years<sup>4</sup>

### WHY

Because **energy effectiveness**, or performance per watt, increases with every new generation

Also, shorter refresh cycles can help you take advantage of software innovations across your IT portfolio

## BENEFITS



### POWER AND SPACE REDUCTION

Improved performance and memory densities; reduced cooling and real estate costs; less equipment and resource consumption



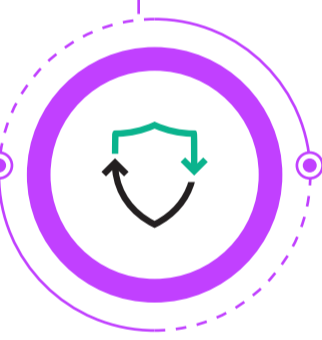
### OPERATIONAL EFFICIENCIES

Savings of staff management item and costs by 59% over three years, as well as software license and maintenance cost reductions<sup>5</sup>



### RESIDUAL VALUE RETURN

Newer generation models may have residual value and offer environmental benefits that help drive a more circular economy



### REDUCED RISK

Ensuring IT remains current and enabling faster innovation and mitigation of security and environmental risks

### AI-DRIVEN OPERATIONS

Tools like HPE InfoSight help organizations save downtime with self-diagnosis and correction, maintenance servicing, and efficient resource deployment



### PERFORMANCE MONITORING

HPE OneView and Aruba NetInsight provide pertinent technology updates and upgrades, as well as monitor operational status, firmware, tuning, and other features

## REFRESH OPTIONS

### FROM THE START

IT departments earn up-front economic benefits. Learn more with Advisory and Professional Services

### AFTER THE FACT

Assets refreshed systematically help minimize security and compliance risk from end-of-use process fragmentation with HPE Financial Services

### AS - A - SERVICE MODELS

Technology refresh embedded into acquisition, drives cost and environmental benefits. Prevent overprovisioning with HPE GreenLake

→ [Click here to read the white paper](#)

LEARN MORE AT [hpe.com/us/en/living-progress.html](https://hpe.com/us/en/living-progress.html)

<sup>1</sup> [ibm.com/downloads/cas/AV1ZWNZM](https://ibm.com/downloads/cas/AV1ZWNZM)

<sup>2</sup> [intercompbusiness.com/wp-content/uploads/2019/06/Why-Faster-Refresh-Cycles-And-Modern-Infrastructure-Management-Are-Critical-To-Business-Success.pdf](https://intercompbusiness.com/wp-content/uploads/2019/06/Why-Faster-Refresh-Cycles-And-Modern-Infrastructure-Management-Are-Critical-To-Business-Success.pdf)

<sup>3</sup> Energy Proportionality for Disk Storage Using Replication, Kim and Rotem

<sup>4, 5</sup> [techrepublic.com/resource-library/whitepapers/idc-accelerate-business-agility-with-faster-server-refresh-cycles/](https://techrepublic.com/resource-library/whitepapers/idc-accelerate-business-agility-with-faster-server-refresh-cycles/)