

**HCLSoftware**

 HCL Z Asset Optimizer

# 10 Reasons

Why our product  
makes  
**MAINFRAME ASSET MANAGEMENT**  
go from 'not bad' to 'amazing'

# Optimize Mainframe Software Licensing cost

Greatest value out of

- ✓ license verification,
- ✓ asset visibility,
- ✓ machine and product inventory,
- ✓ managing your Mainframe investments
- ✓ And TCO



# Product Vision

## OPTIMIZE software ASSET utilization on Z platform while Improving Mainframe Asset & Configuration Management with HCL ZAO

HCL Z Asset Optimizer (ZAO) is the market leading solution for discovering and monitoring software assets on IBM System Z (mainframe) platform. Whether you are looking for a solution to manage IBM/ISV software products or in-house applications, ZAO provides insights you need to manage them effectively.

IBM Z Systems continue to run mission-critical enterprise applications today. Extraordinarily scalable, secure, and high-performing z platform has evolved with decades of enhancements. With that also comes an array of complex architectures, and software assets, spread across the enterprise with decades of incremental enhancements:

- Mainframe scalability comes with complexity to identify accurate inventory of software assets and usage. These software assets are from both external vendors as well as home grown applications. Mainframe owners must also ensure software license compliance for vendor software products to optimize the cost and ensure costly audit penalties are avoided.
- Accurate asset and configuration data are required in today's enterprise applications to organize and run IT infrastructure with related processes. Data availability and quality can improve your ability to respond and fulfill associated decisions and automated actions.
- ZAO supports less knowledgeable Mainframe personnel to better understand assets based on high-quality data





## Top WOWs of ZAO



01 Cost **common** sense approach



02 **Two** Z Platforms



03 Manage **ALL** Optimized Assets



04 **Simplified** License Verification



05 **Simplified** Deployment



06 **Simplified** Mainframe



07 Complete **End to End Software** inventory management and reporting.



08 Optimize Mainframe Software **Licensing cost.**



09 **Comply** with License and Contracts and demonstrate compliance to software vendors



10 Mainframe **Infrastructure** Management





## 01

Cost **common** sense approach



### Tailored Fit Pricing

Accounts for work done based on the baseline projected by the customer. If the actual workload falls below the baseline, then the unused capacity is a carryover credit in the next period. TFP is a more customer friendly method of cost accounting vs. capacity cap of the past

## 02

**Two** Z Platforms



### *Two Z Platforms*

Z Asset Optimizer runs on zOS and on zLinux containers on the IFL engines





03

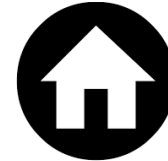
Manage **ALL** Optimized Assets



### Manage **ALL** Optimized Assets:



1. ZAO recognizes **15000+** mainframe software products and features from IBM and other software vendors and provides comprehensive software inventory reports
2. Tracks and reports usage of In-house z/OS applications – Batch workload , CICS , IMS transactions written in COBOL, PL/I, C/C++, REXX , Java
3. Software assets and their usage are discovered automatically by a batch inquisitor and a real-time usage monitor



04

Simplified License Verification



### Simplified License Verification – capturing **End to End Insights:**



- **Products with a License**: No attention is required immediately
- **Products without a license**: possibly installed due to bundled solution by a vendor
- **License without a product**: product licensed but not on the system → candidate for removal
- **Entitled and Not Used**: candidates for removal to reduce cost
- **Entitled and used**: no attention is required immediately
- **Not Entitled and Used**: Need immediate attention to avoid audit penalty



## 05 Simplified Deployment



### **Simplified Deployment:**

- **Simpler Maintenance:** ZAO for Containers is built ready for deployment into a target container environment
- **Reduce Cost:** ZAO for Containers runs on Linux on Z instead of z/OS – which can be an LPAR or as simple as a z/VM guest
- **Proven Reliability:** The Usage Monitor and Inquisitor are proven components of ZAO product with **<1%** overhead to monitor your mainframe systems
- **License Validation:** Identify areas of improvement & concerns to keep your mainframe systems optimal

## 06 Simplified Mainframe



### **Simplified Mainframe:**

- **Rest APIs** to access asset management data
- Enhanced capabilities to manage **in-house** applications
- Understand z/OS software configuration without deep mainframe knowledge



07

Complete **End to End Software inventory management** and reporting.



### ***Complete End to End Software inventory management and reporting –***

Detailed visibility into verification data of the valid active License and entitlement per Software and Machine asset

08

Optimize Mainframe Software **Licensing cost**.



### ***Optimize Mainframe Software Licensing cost***

- Costing for Financial Reporting (future), visibility to what each software asset is costing per term of license
- Identify products with similar features and functions creating redundancy to better optimize cost estimations





09

**Comply** with License and Contracts and demonstrate compliance to software vendors



**Comply with License and Contracts and demonstrate compliance to software vendors:**

- **Audit** the usage of z/OS load modules and Unix executables
- **Comply** with License and Contracts and demonstrate compliance to software vendors
- Automate the process of up-to-date software inventory

10

Mainframe **Infrastructure** Management



**Mainframe Infrastructure Management:**

- Report Product usage by LPARS, Sysplex and CEC's
- Detail Impact on Applications , Batch Jobs & Users that helps in Planning, Validation & Testing stages
- Go-to tool for Sysprogs on Software/Hardware Upgrade or Migration projects (e.g. COBOL Upgrade)

# HCLSoftware

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