



Balancing Performance and Cost for IBM z Systems with zGuard and zWorkload Reporter



Product Description

zGUARD and zWorkload Reporter from SVA Software provide visibility, insight and real-time automation to ensure IBM z Systems are optimized for cost, performance and efficiency.

The Challenge

IBM Monthly License Charge (MLC) software is widely acknowledged to be one of the largest portions of the overall mainframe expense. Managing is largely a manual process that can be challenging, risky, expensive and prone to human error. Often, it is difficult to effectively control the MLC without suffering performance degradation, increased monthly costs, or both.

One particularly galling challenge is estimating and capping the utilization for each LPAR. You can easily find yourself in a situation where you exceed the cap on one LPAR, resulting in a surcharge, while you have headroom to spare on other LPARs. The trick is to stay on top of this by constantly monitoring workloads and shifting workload and resources among LPARs to ensure you don't exceed a cap. This requires a skilled mainframe staffer with both a high level of z/OS skill and familiarity with z workloads and LPARs. Finding such an expert is costly and not easily spared for constant monitoring. It's a task that lends itself to automation.

DATA SHEET

Key Features:

- Dynamically adjusts capacity settings across LPARs to maximize usage while managing costs.
- Web reporting cloud service delivers dashboards on workload performance.
- Flexible open solution that can be customized to fit business objectives.
- Expert services team ensures systems are ALWAYS optimized for cost and performance.

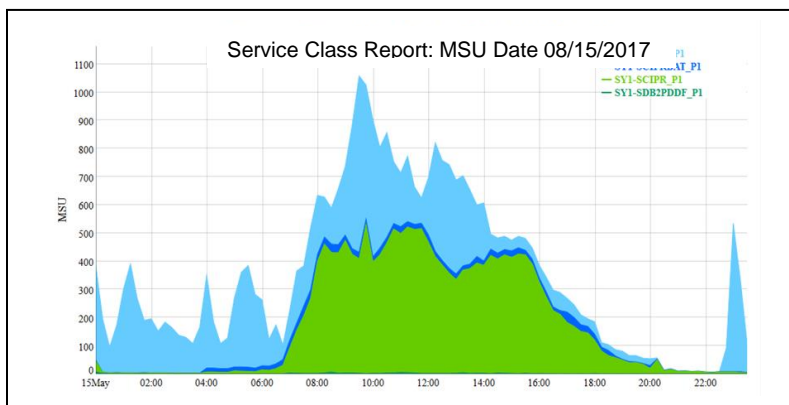
"With zGuard we are ensured the right MSUs are in the right place, at the right time, and for the right cost.

Lead IT Administrator

The Solution

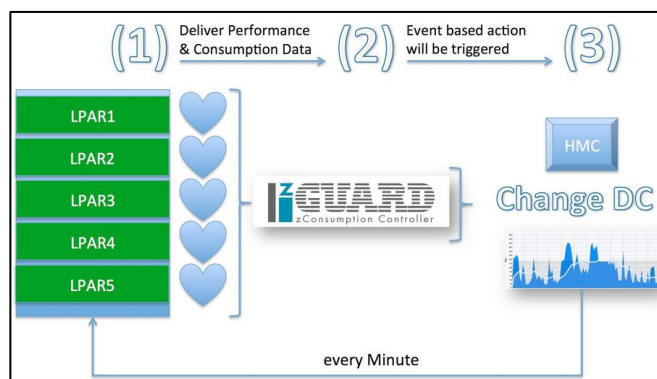
SVA Software **zWorkload Reporter** and **zGUARD** analyzes, automates and optimizes defined capacity (DC) settings to lower IBM Monthly License Charge (MLC), while mitigating risk to the business.

First Step in optimization is understanding the workload profiles. The **zWorkload Reporter** cloud service does this by analyzing the IBM z Systems SMF data CPU usage across LPARS delivering web based analysis reporting dashboards on consumption to ensure that Workload Management (WLM) settings are balanced for optimized performance and cost.



The **zWorkload** cloud web based reporter graphical interface presents WLM statistics.

Second Step in optimization, is utilizing **zGUARD** on premise to automatically change Defined Capacity (DC) limits as workload changes, removing the manual effort from managing MLC cost and performance optimization. A big difference between **zGUARD** and other solutions is that **zGUARD** is an open solution where policies can be defined based on business objectives, where all other solutions are locked down.



zGUARD ensures that the right MSU's are in the right place, at the right time and for the right cost!

Summary

zGuard automatically adjusts your DC level, ensuring quality of service, while lowering MLC cost. **zWorkload Reporter** offers a user-friendly and in-depth cloud web reporting service to track activity and quickly identify opportunities for improvement. The combination of task automation and detailed activity monitoring frees precious time for your mainframe experts to focus on other high value-added activities. In addition, our expert services offered by SVA Software and our certified partners ensure WLM settings are always optimized.