BMC Cost Analyzer for zEnterprise®

Reduce mainframe monthly license charges (MLC) up to 20% and get greater insight and transparency with powerful analytics

PRODUCT DESCRIPTION

Cost Analyzer for zEnterprise is an analytics solution for IBM® zEnterprise® that provides actionable intelligence for optimizing IBM mainframe software costs.

The solution analyzes systems management facilities (SMF) data to deliver transparent reporting, predictive analysis, workload-aware cost information, and MLC cost management dashboards to help IT save from 5% to 20% on MLC costs.

BUSINESS CHALLENGE

MLC software costs are typically 30% of the mainframe budget. As the business increases the pressure to build a leaner, more industrial approach to IT service delivery, many mainframe IT shops are trying to optimize costs—reducing MLC charges can help substantially. But understanding, controlling, and managing the underlying workloads that are driving MLC costs can be a confusing, time-intensive endeavor that limits IT’s ability to attack the problem. Cost Analyzer solves these problems, enabling IT to optimize MLC spend and improve the economics of the mainframe platform. It is critically important that you understand and manage your MLC costs prior to moving to new IBM licensing options.

BMC SOLUTION

Cost Analyzer delivers simple, easy-to-use graphics that portray the drivers of MLC costs, clarifying MLC cost complexity, including calculating. Using a modern, intuitive interface, Cost Analyzer displays important MLC budget, cost, and utilization information in a complete yet concise manner. Cost Analyzer also provides an interactive, predictive planning component that displays the cost impact of growing workloads, consolidating MLC software, converting to a Dev/Test Pricing Solution, running workloads at a different time, or using/changing defined capacity.

KEY FEATURES

BMC Cost Analyzer gives you MLC leverage.

- **MLC License Model** knows MLC structures and IBM pricing models so you don’t have to
- **Analytics** combine cost factors, peak use, pricing solutions, products, hardware, and budgets into actionable intelligence
- **Balance Workloads** with reports that show Jobs and Started Tasks with their assigned priorities to ensure availability and performance of highest priority workloads
- **Forecasting** provides insight into future MLC costs and how they stack up to the budget, as well as predicting savings actions to show how MLC costs will change
- **Impact of changes** from batch workload activity is identified for proper planning

KEY BENEFITS

- **Slash MLC software costs by up to 20%** by optimizing MLC usage
- **Mitigate risk** of exceeding MLC budget and impacting other IT projects
- **Free up time** and resources for critical IT transformation projects
- **Improve MLC negotiations** by leveraging MLC reduction results
- **Repurpose budget** to fund transformative IT projects
- **Forecast budget overruns** and see the impact of making changes, for example, to batch workloads

Management dashboards show MLC status vs. budget and any variance points, ensuring there are no surprises.
**PRODUCT DETAILS**

**MLC Budget Management Dashboards**
By incorporating user-provided MLC budget information, Cost Analyzer extends MLC cost information into the executive boardroom.

- Management dashboards highlight budget variances, project future cost versus budget status, and provide a historical view of MLC costs and budget
- Intuitive drill-down capabilities pinpoint the reasons for budget issues and powerful prediction tools can identify cost-reducing alternatives
- The Cost Analyzer MLC Reduction Index (MRI) tracks the effectiveness of MLC cost optimization efforts over time
- MLC budget management transforms from reactive to proactive, becoming a catalyst for cost reduction
- Equips IT executives with the information they need to meet budget plans and levels the playing field for MLC negotiations

**Predictive MLC Cost Management**
Cost Analyzer is a complete solution that not only reports but also provides the ability to evaluate the cost impact of MLC cost reduction activities during the planning process.

- Easy-to-use, interactive planning component displays the cost impact of growing workloads, utilizing Dev/Test Pricing Solutions, consolidating MLC software to fewer LPARs, moving portions of a workload from one LPAR to another, or even setting defined capacity more aggressively on LPARs with discretionary workloads
- “What-if” predictive capabilities help you to test drive workload balancing options that can reduce monthly MLC costs and can forecast when MLC costs will exceed budget
- The complexity of MLC pricing is incorporated “under the covers,” guiding users through the process of determining the cost impact of workload changes

**Transparent MLC Cost Reporting**
Cost Analyzer delivers simple, easy-to-use graphics that portray the drivers of MLC costs, along with Dev/Test Pricing Solution MSU reductions, clarifying MLC cost structure complexity.

- Knowledge of the wide range of IBM Software pricing models, allows it to automatically analyze system SMF data to develop MLC reports, dashboards, and planning models
- A state-of-the-art interface displays important cost and utilization metrics in a complete yet concise manner
- Cost breakdown by product, LPAR, workload, and CPC is displayed along with peak 4HRA metrics, average cost/MSU, and incremental cost/MSU

> Predicted results clearly display the projected cost impact of potential changes, so high-value ones can be pursued.

**FOR MORE INFORMATION**
To learn more about MLC cost reduction, and view a short, 2-minute video about Cost Analyzer, please visit [bmc.com/it-solutions/cost-analyzer-z-enterprise](http://bmc.com/it-solutions/cost-analyzer-z-enterprise)

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**About BMC**
BMC helps customers run and reinvent their businesses with open, scalable, and modular solutions to complex IT problems. Bringing both unmatched experience in optimization and limitless passion for innovation to technologies from mainframe to mobile to cloud and beyond, BMC helps more than 10,000 customers worldwide reinvent, grow, and build for the future success of their enterprises.

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