

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

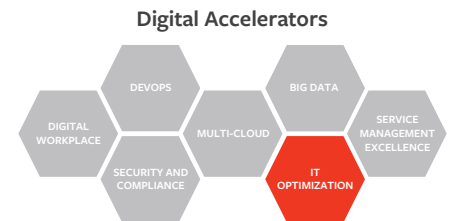
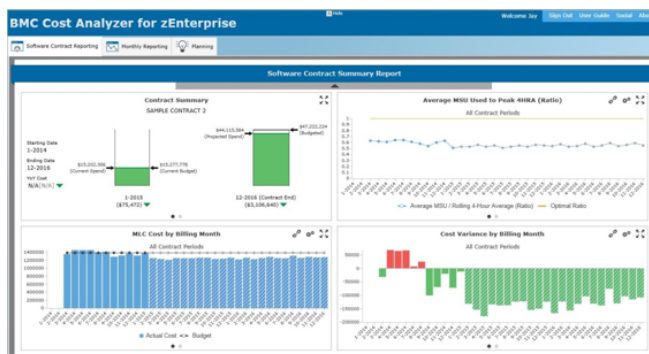
Cost Analyzer for zEnterprise Version 2.0 is an analytics solution for IBM® zEnterprise® that provides actionable intelligence for optimizing mainframe MLC software costs. The solution analyzes systems management facilities (SMF) data to deliver transparent reporting, predictive analysis, workload-aware cost information, and MLC cost management dashboards to help IT save from 5% to 20% on MLC costs.

BUSINESS CHALLENGE

MLC software charges 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.

BMC SOLUTION

Cost Analyzer delivers simple, **easy-to-use graphics** that portray the **drivers of MLC charges**, clarifying MLC cost complexity. 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, 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 so you don't have to
- Analytics** combine cost factors, peak use, products, hardware, and budgets into actionable intelligence
- 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
- The integration equips IT executives with the information they need to meet budget plans and levels the playing field for MLC negotiations

Transparent MLC Cost Reporting

Cost Analyzer delivers simple, easy-to-use graphics that portray the drivers of MLC costs, clarifying MLC cost structure complexity.

- Knowledge of the wide range of MLC license models, from AWLC to zNALC, allows it to automatically analyze system SMF and RMF 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
- Integrated and in-context, drill-down capabilities delve into the factors that drive MLC costs, helping to clearly identify the workloads and the LPARs that drive peak intervals
- Transparency enables a greater understanding of the factors that drive MLC costs, making it easier to plan, manage, and optimize software costs

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, 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

MLC Product	CPC Name	4HRA MSU Utilization	4HRA First Peak Cost	% of Total Cost	Cost Change	Average Cost/MSU	Incremental Cost/MSU	4HRA First Peak (MSU)
082 18 for zTOS (08218)								
	KANSAS (08218)		\$478,299.93	21.58%	(\$14,653.80)	\$84.05	\$72.94	4246 (200)
	TEXAS (08218)		\$363,176.16	16.82%	\$0.00	\$136.08	\$79.05	846
IMS V12 (08218)								
	KANSAS (08218)		\$403,406.51	18.82%	(\$14,277.36)	\$83.68	\$76.68	4246 (200)
	TEXAS (08218)		\$158,092.57	7.32%	\$0.00	\$128.18	\$73.23	980
Small testflow for zTOS V5 (08218)								
	KANSAS (08218)		\$67,348.74	3.14%	(\$5,624.44)	\$15.05	\$13.00	4412 (432)
	TEXAS (08218)		\$67,348.74	3.14%	\$0.00	\$15.05	\$13.00	4412 (432)
WebSphere MQ for zTOS V7 (08218)								
	KANSAS (08218)		\$153,495.09	7.14%	(\$7,356.72)	\$26.13	\$24.18	2624 (2) (846)
	TEXAS (08218)		\$111,096.29	5.18%	\$0.00	\$48.92	\$25.11	980
zTOS V1 (08218)								
	KANSAS (08218)		\$683,754.95	31.51%	(\$26,599.86)	\$97.09	\$78.29	4242 (464)
	TEXAS (08218)		\$441,862.04	20.52%	\$0.00	\$226.33	\$95.79	980

- 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

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to fast track digital business from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life

BMC digital IT transforms 82 percent of the Fortune 500.



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