

BMC Subsystem Optimizer for zEnterprise®

Save up to 20% on IBM® zSystems™ monthly license charge (MLC) costs and minimize business risk

PRODUCT DESCRIPTION

Subsystem Optimizer for zEnterprise is a unique software solution that can significantly reduce IBM MLC costs. It solves a key limitation with running IBM® CICS®, DB2®, MQSeries®, IMS™ TM, and IMS™ DB across z/OS® logical partitions (LPARs). The solution also lowers business risk by redirecting workloads during a subsystem failure.

BUSINESS CHALLENGE

The pressure on IT to drive new levels of efficiency is unprecedented, causing many organizations to turn their attention to mainframe MLC software charges, which are typically 30% of a mainframe budget. In a subcapacity pricing model, IBM MLC products, such as CICS, IMS, MQ, and DB2, are usually charged based on the peak aggregate computing resource used on an LPAR. **All MLC products running during the peak period are charged at the same rate—even though most are not consuming resources at the same level—resulting in inflated MLC costs.** In addition, a technical requirement for data access exists that requires DB2 or IMS DB to reside on the same LPAR as CICS, DB2 to reside on the LPAR with IMS TM, and MQ to reside with CICS, IMS, or DB2 if they are accessing MQ messages, making it nearly impossible to configure MLC products for optimized costs.

BMC SOLUTION

Subsystem Optimizer provides operational flexibility and risk reduction, and can significantly lower MLC costs. The solution allows CICS transactions to access DB2 and IMS DB databases on LPARs that are not local to the CICS subsystems, IMS TM transactions to access DB2 databases on LPARs that are not local to the IMS TM subsystems, and MQ to run on a separate LPAR—lowering costs and redirecting workloads during a subsystem failure.



Digital Enterprise Management Accelerators



KEY FEATURES

Subsystem Optimizer for zEnterprise® substantially lowers MLC costs.

- **Optimized placement** – Move or isolate CICS, DB2, MQ, IMS TM, and IMS DB subsystems on particular LPARs, significantly reducing MLC costs
- **Low risk** – Redirect data access calls to reduce MLC costs, without the need to modify applications, maximizing your IT budget and lowering risk
- **Increased availability** – The co-location requirement for CICS/DB2, CICS/IMS DB, and IMS TM/DB2 is no longer an issue, allowing data access calls to be redirected upon a DB2 or IMS system failure and increasing availability
- **MQ support** – Separate MQ from CICS, IMS, and/or DB2, including DB2 stored procedures and shared queue definitions

KEY BENEFITS

- **Reduce MLC software costs by up to 20% or more** through lower aggregate MSU peak
- **Mitigate risk** of DB2 or IMS subsystem failure and reduce planned and unplanned outage
- **Optimize subsystem placement** to reduce MLC costs and increase availability
- **Separate IMS batch and DB2 batch workloads**

- ◀ Achieve lower MLC costs by optimizing the placement of subsystems in your mainframe environment.

PRODUCT DETAILS

Optimized Subsystem Placement: Enables your team to move or isolate CICS, DB2, MQ, IMS TM, and IMS DB subsystems on particular LPARs, significantly reducing MLC costs

No Application Changes: Redirects data access calls to another LPAR to reduce MLC costs, without the need to modify applications—no application code changes and minimal subsystem definitional changes required

MQ Support: MQ can communicate with CICS, DB2, and IMS via Subsystem Optimizer, enabling placement of MQ on a different LPAR to the IMS, DB2, or CICS subsystems

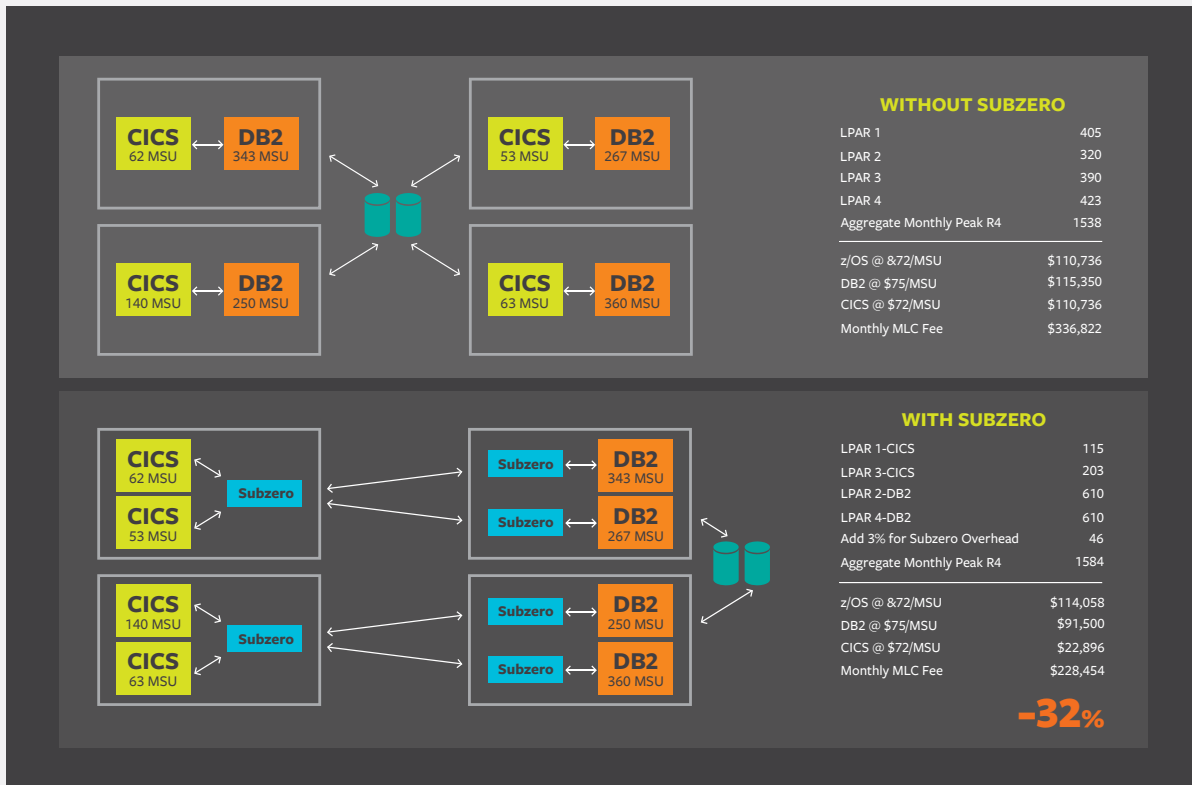
Reduced Business Risk: The co-location requirement for CICS/DB2, IMS TM/DB2, and CICS/IMS is no longer an issue, allowing data access calls to be redirected upon a DB2 or IMS system failure


Lower Outage: Improves business availability by minimizing the impact of planned and unplanned outages of DB2 and IMS DB

Approved APIs: Subsystem Optimizer uses IBM-approved APIs, ensuring that your environment remains fully supported

FOR MORE INFORMATION

To learn more about BMC Subsystem Optimizer for zEnterprise, please visit bmc.com/subzero



 Subsystem Optimizer (Subzero) can reduce MLC costs significantly.

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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