



**epv**

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# EPV Graph for Db2

DATA  
SHEET

## EPV Graph for Db2 Overview

EPV Graph for Db2 is a graphical extension of EPV for DB2 that allows you to analyze, in a simple and intuitive way, the most important KPIs of Db2 subsystems and workloads.

All graphs are automatically produced and saved as static HTML pages, enriched by powerful Javascript functions, without human intervention. Views can be published on any Web server and can be accessed by any Internet browser.

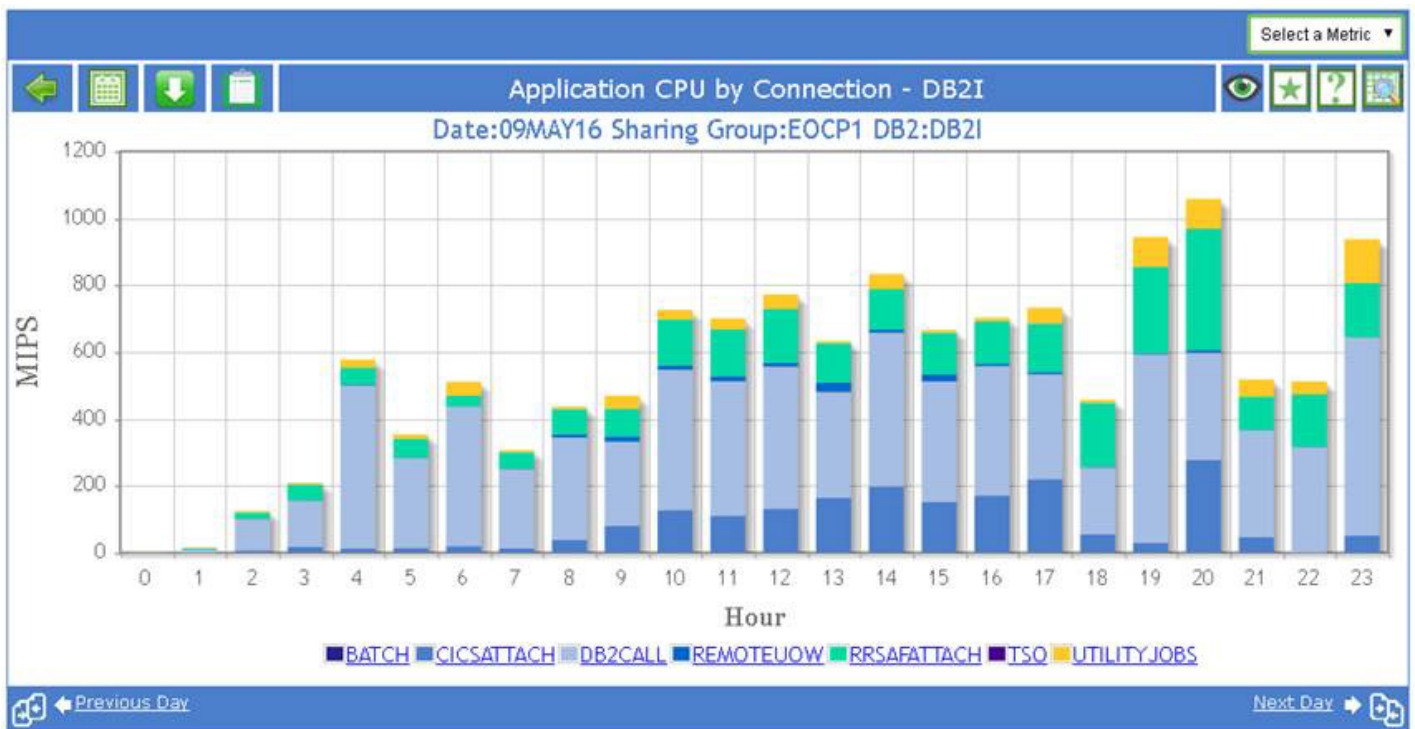
Using drill down techniques it's possible to navigate the graphs following pre-defined paths making analysis of complex environments quick and easy.

Produced graphs are ready to be used from any word processing tool and can be easily included in documents, studies, reports and presentations.

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### EPV Graph for Db2 provides:

- CPU and zIIP utilization of Db2 System Address Spaces; you can navigate from the enterprise level down to a single Db2 system Address Space;
- CPU and zIIP utilization of Db2 workloads; you can navigate from the enterprise level down to a single plan, package, Db2 correlation id, authorization id or transaction;
- memory utilization navigable from the enterprise level to a Db2 subsystem and view memory usage by address space and system area;
- details of locks, deadlocks, timeouts and rollbacks down to the most critical plans;
- Buffer Pool read operations and hit ratio, again down to the most critical Buffer Pool;
- daily and monthly trends of all the above-mentioned metrics.



### Simple and quick installation

Typically, EPV Graph for Db2 is installed within one day. The installation process is straightforward, easy and has absolutely no impact on the mainframe. It works “out-of-the-box” with no customization other than providing input and output destinations. The only prerequisite is the availability of the EPV for Db2 database.

### Easy to use

Using EPV Graph for Db2 is intuitive and easy. Users simply click on automatically created exception links to analyze the most critical issues. Predefined navigation paths are also provided guiding less experienced analysts to the most detailed information using a top-down approach.

## EPV Graph for Db2 Unique Technical Features

### Design & Architecture

- processing is completely automatic;
- runs on any distributed platform;
- needs no other graphical tool;
- graphs can be published on any platform;
- graphs can be archived and then reused at a later date; it is then possible to look at them separately or include them in the production report structure;
- navigation needs no client, only a standard browser;
- tables, which are behind each graph, can be exported to Excel with just a click of the mouse.

### Graphs

Complete graphical navigation of:

- CPU utilization due to Db2 system address spaces, in MIPS and CPU seconds, from a global view to single address spaces.
- zIIP utilization due to Db2 system address spaces, in MIPS and CPU seconds, from a global view to single address spaces.
- CPU utilization due to Db2 applications, in MIPS and CPU seconds, from a global view to specific subsystem, connection type and plan.

- zIIP utilization due to Db2 applications, in MIPS and zIIP seconds, from a global view to specific subsystem, connection type and plan.
- Memory utilization from a global view to specific subsystem and system area.
- Locks, deadlocks, timeouts and rollbacks from a global view to the specific plan execution.
- Buffer pool read rate and hit ratio from the global level to the specific buffer pool.

### User graphs

- EPV Graph for Db2 includes a graphical engine you can customize to produce your own graphs.

### Help System

- EPV Graph for Db2 provides an embedded help system designed to help understand the content of each graph and to give indications on the possible parameters to set to customize the graphs.

### Prerequisites

- EPV Graph for Db2 only prerequisite is the availability of the EPV for Db2 database.

## EPV Graph for Db2 Unique Business Benefits

- EPV Graph for Db2 greatly increases control over Db2 subsystem performance allowing customers to easily identify tuning opportunities in Db2 parameters settings.
- EPV Graph for Db2 greatly increases control over Db2 application performance and excessive resource usage.
- EPV Graph for Db2 saves up to 90% of the time required to produce graphs to be included in reports and documents.

## EPV Graph for Db2 Unique Pricing

- The EPV license is based on a one-time fee.
- Pricing depends on the number of collected Db2 subsystems, not on the power of the machine or the power used.
- The first year's maintenance is included; in subsequent years customers need only pay the maintenance fee.
- Maintenance fees include all releases and new versions of the product.
- There is no additional license fee if the customer changes the platform where EPV runs.
- There is no additional license fee if the customer changes the database type. EPV is developed along two product lines: standalone or by using input from SAS/MXG or SAS/ITRM; there is no additional license fee if the customer wishes to change from one product line to the other.

# It's always the right time to switch to EPV



*We are not simply a software vendor.  
We will always be at your side helping you reach  
your business goals.  
EPV: people you can trust.*



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