

## Solve day to day problems at a glance

MyEPV Quick View is a product developed to help customers easily solve day to day problems, that usually need a lot of time to be identified due to the large amount of data to process and analyze.

The following MyEPV Quick View components are currently available:



## MyEPV Quick View

### MyEPV Quick View Systems

#### Shift Analysis

This component shows many performance metrics for a system in the same report for various time ranges for all periods maintained in your EPV for z/OS databases. In addition an automatic threshold is highlighted when one of the metrics is above a certain threshold so it is easier to locate abnormal periods. One can also see the utilization of the machine and/or group capacity pool in the same report.

### MyEPV Quick View Jobs

#### Delays

This component helps you analyze all the jobs that were executed from any zParser database and provides a comparison of their resource utilization and main delay reasons between the new and old executions. In addition it also provides the steps that were part of the job.

#### Analysis

This component helps you analyze all the jobs that were executed from any zParser database. In order to reduce the amount of entries a minimum, average and maximum statistics are calculated for the most important metrics. The report can be created using various criteria which can help you see the major resource consumers and locate abnormal situations very quickly.

#### Comparison

This component permits you to locate very quickly jobs which have degraded performance overtime and/or contribute to your processor saturation. The reports provide the processor growth increasement for different jobs from two different periods. The periods are defined as the BASE and ANALYSIS period. The base and analysis period can compare all dates and hours when the performance was acceptable and not acceptable or just compare specific days. New jobs from the analysis period can also be reported. In this document we will show you the reports created and how to create them.

## MyEPV Quick View Workloads

### Top Address Spaces

This component helps you locate the most heaviest consumers on all systems from a significant period.

### Address Spaces Comparison

This component permits you to locate very quickly various workloads and their address spaces which have degraded performance overtime and/or contribute to your processor saturation. The reports provide the processor growth increasement for different workloads and their address spaces from two different periods. The periods are defined as the BASE and ANALYSIS period. The base and analysis period can compare all dates and hours when the performance was acceptable and not acceptable or just compare specific days. New workloads and their address spaces from the analysis period can also be reported.

### Address Spaces

This component helps you analyze any address space or group of address spaces from a significant period.

## MyEPV Quick View CICS

### Abnormal Response Times

This component helps you locate the CICS transaction abnormal response times and find the reasons that caused them.

In order to reduce the amount of abnormal transactions we need to find a stable working performance metric for all the transactions as and normalize them with the elapsed time.

The normalization is simply done by dividing the elapsed time by this performance metric. We call this our work units. This metric is used when calculating the averages and standard deviations for each transaction. Only the transactions containing work units higher than three standard deviations of the mean are considered in this analysis. The hypotheses is that the same work should approximately take the same amount of time. If this is not the case we need to understand the reasons.

In order to reduce the amount of abnormal exceptions reported we have also created an elapsed time objective which will only show transactions with elapsed times greater than this objective.

The reports will also locate the potential problem.

### Transaction Comparison

This component permits you to locate very quickly various CICS transactions which have degraded performance overtime and/or contribute to your processor saturation.

The reports provide the processor growth increasement for different CICS transactions from two different periods(BASE and ANALYSIS period) or just compare specific days. New CICS transactions from the analysis period can also be reported.

### Response Buckets

The following component helps locate the daily CICS transactions response time degradation or improvement. It is possible to define up to eight response time buckets which show the distribution of CICS transactions for each bucket.

### Transaction Intervals

This component creates CICS transaction interval statistics from the standard SMF 110 subtype 1 records. These reports can be correlated with other SMF interval records and can pinpoint problematic transactions at the smallest interval duration as seconds or minutes.

Furthermore, it provides reports of transactions that overlapped the interval durations and provides their contribution in the interval.

## MyEPV Quick View IMS

### Abnormal Response Times

This component helps you locate the IMS transaction abnormal response times and find the reasons that caused them. In order to reduce the amount of abnormal transactions we need to find a stable working performance metric for all the transactions as and normalize them with the elapsed time.

The normalization is simply done by dividing the elapsed time by this performance metric. We call this our work units. This metric is used when calculating the averages and standard deviations for each transaction. Only the transactions containing work units higher than three standard deviations of the mean are considered in this analysis. The hypotheses is that the same work should approximately take the same amount of time. If this is not the case we need to understand the reasons.

In order to reduce the amount of abnormal

exceptions reported we have also created an elapsed time objective which will only show transactions with elapsed times greater than this objective. The reports will also locate the potential problem.

### **Transaction Comparison**

This component permits you to locate very quickly various IMS transactions which have degraded performance overtime and/or contribute to your processor saturation. The reports provide the processor growth increasement for different IMS transactions from two different periods(BASE and ANALYSIS period) or just compare specific days. New IMS transactions from the analysis period can also be reported.

### **Response Buckets**

The following component helps locate the daily IMS transactions response time degradation or improvement. It is possible to define up to eight response time buckets which show the distribution of IMS transactions for each bucket.

### **Transaction Intervals**

This component creates CICS transaction interval statistics from the standard IMS log records. These reports can be correlated with SMF interval records and can pinpoint problematic transactions at the smallest interval duration as seconds or minutes. Furthermore, it provides reports of transactions that overlapped the interval durations and provides their contribution in the interval.

## **MyEPV Quick View Growth**

The MyEPV Quick View Growth component permits you to catch automatically abnormal growth behaviour of z/OS address spaces, JOBS, Service and Reports classes, Db2 DDF transactions, CICS and IMS transactions , Db2 plans and packages, WebSphere transactions and user programs by analysing all your daily history workload executions and checking for continuous growth that could cause an increase for your total costs and future capacity and service levels problems. All abnormalities are immediately sent by e-mail with a link to the detailed report.

### **Input**

EPV zParser and EPV for z/OS DBs.

### **Output**

MyEPV Quick View output is a set of navigable reports in HTML pages.

### **Installation**

MyEPV Quick View can run on Windows, Unix or Linux. The installation process takes just a few seconds.

### **Run**

To run MyEPV Quick View you can execute line commands or schedule a .bat or .sh file.

### **Prerequisites**

MyEPV Quick View requires a valid MyEPV license.

MyEPV Quick View Job Delays also requires EPV zParser. The other components also require EPV for z/OS.

### **Pricing**

The product's pricing is based on a fixed yearly rental fee.

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



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We will always be at your side helping you reach  
your business goals.  
EPV: people you can trust.*



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