# EPV Technologies

## Newsletter

October 2025

## SPECIAL EDITION

**EPV User Group 2025 - Final agenda, abstracts and subscription form available**

## EPV User Group 2025 - Final agenda, abstracts and subscription form available

The XXIII EPV User Group will be virtual again. It will be held on November 10th and repeated on November 11th.

As in 2024 at the beginning of the day we will have two training sessions dedicated to new Performance Analysts.

## Agenda

| Agenda | | | |
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| 10 and 11 November 2025 | | | |
| 09:45 – 10:00 | Welcome and introduction | Danilo Gipponi | EPV Technologies |
| 10:00 – 10:20 | CPU time, service units, MIPS and MSU | Fabio Massimo Ottaviani | EPV Technologies |
| 10:20 – 10:40 | Measuring the CPU utilization | Danilo Gipponi | EPV Technologies |
| 10:40 – 11:00 | From EPV Help Search to the Knowledge Center: AI in action | Matteo Bottazzi | EPV Technologies |
| 11:00 – 11:20 | coffee break | | |
| 11:20 – 11:40 | EPV server architecture at a large site: a user experience | Massimo Orlando | EPV Technologies |
| 11:40 – 12:00 | Automatic statistical control of transactions, packages and jobs | Dana Cohen Austrowiek | EPV Technologies |
| 12:00 – 12:20 | Getting out special Information out of the zParser data via EXCEL, when currently needed | Hans Gerd Schneider | BarmeniaGothaer |
| 12:20 - 14:00 | Lunch | | |
| 14:00 – 14:20 | MyEPV Dynamic | Mark Cohen Austrowiek | EPV Technologies |
| 14:20 – 14:40 | Accounting with Db2 data and MyEPV | Federico Mariani | Unipol Assicurazioni |
| 14:40 – 15:00 | EPV Scheduler preview | Matteo Bottazzi | EPV Technologies |
| 15:00 – 15:20 | coffee break | | |
| 15:20 – 15:40 | EPV for z/OS V18 preview | Massimo Orlando | EPV Technologies |
| 15:40 – 16:00 | IBM z17 Capacity Planning | Fabio Massimo Ottaviani | EPV Technologies |

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| | New Performance Analysts Education |
| | User presentation |
| | Product presentation |
| | Technical update |

## Abstracts

**CPU time, service units, MIPS and MSU (AE)**
In this tutorial, we'll explore the most commonly used metrics for analyzing CPU usage. We'll explain their origin, limitations and how they're calculated using formulas and examples.

**Measuring the CPU utilization (AE)**
Measuring CPU utilization is by far the most important task for performance analysts. In this tutorial, after discussing how to measure and control CPU overhead, we'll focus on the role of HyperDispatch. Finally, we'll show formulas and examples

explaining how to calculate LPAR Busy and CEC Busy.

**From EPV Help Search to the Knowledge Center - AI in action (PP)**
In this presentation we will show two implementations of AI in EPV: the EPV Report Assistant and the EPV Knowledge Center. These functionalities are powered by Ollama and IBM's LLM Granite. They will be introduced in EPV V18 products.

**EPV server architecture at a large site: a user experience (UE)**
This presentation describes the architecture implemented at a customer site to collect a large amount of SMF data in EPV while providing all the necessary resiliency, recovery, and performance guarantees. It also illustrates the benefits achieved by switching to EPV over the previous solution.

**Automatic statistical control of transactions, packages and jobs (PP)**
This presentation will illustrate the methodology used in EPV to automatically identify statistical anomalies in the consumption and performance of CICS and IMS transactions, batch processes and Db2 packages. We will also discuss several filtering options that can be used to improve the quality of statistical analysis. Finally, we will show some examples of the results that can be obtained.

**Getting out special Information out of the zParser data via EXCEL, when currently needed (UE)**
In this presentation, we will briefly introduce the “new” BarmeniaGothaer Group and the changes that have taken place so far in the workload on the mainframe. Following the merger, the focus here is on the IMS workload, which we analyze “near time” using EXCEL from the zParser databases.

**MyEPV Dynamic (PP)**
The new MyEPV dynamic component improves significantly your daily performance analysis . It now provides: a new graphical frontend, adhoc analysis on live data, comparisons of different areas using the same filters at a glance, possibility to change graphical presentations on the fly, build your own desktop and much more …

**Accounting with Db2 data and MyEPV (UE)**
In this presentation we want to show you how we succeeded to analyse a very large amount of Db2 accounting records and distribute their Db2 Class1 and CLass2 CPU time consumptions to our organization applications at the monthly, weekly, daily and hourly levels using the MyEPV product.

**EPV Scheduler preview (PP)**
For many years, the Nightbatch program has been used to perform all the steps required to load and aggregate data into EPV databases and to create HTML reports. In this presentation, we'll show the state-of-the-art of the EPV Scheduler, which we're developing to overcome some of Nightbatch's limitations and make EPV

processing management even simpler and more error-free.

**EPV for z/OS V18 preview (PP)**
In this preview, we'll discuss the most relevant views and features that will be added to version 18. These include views for analyzing Address Spaces' use of AI and real memory, statistical analysis of batch job anomalies and DPU utilization. A Statement Of Direction about the addition of AI forecasting capabilities in EPV will also be announced.

**IBM z17 Capacity Planning (TU)**
After a brief analysis of the IBM z17 features, we'll discuss the capacity estimates derived from LSPR benchmarks and how to use SMF 113 measurements to choose the one that best represents the workload of your system. Finally, we'll discuss some metrics and formulas that can be used to evaluate the utilization of the DPU and the new G4 and G5 channels.

**AE = new performance Analysts Education, PP = Product Presentation, TU = Technical Update, UE = User Experience**

Subscription form

The EPV User Group is a "not to miss" event for all Performance Analysts; it will give you the opportunity to share ideas with qualified experts and to listen to some of the EPV customers experiences. The most interesting features provided by the latest versions of all EPV products will also be presented.

The EPV User Group is free of charge and reserved to EPV customers. If you are not a customer yet but you are interested in participating, please answer to this e-mail asking for an invitation.
Mark these dates in your agenda to avoid missing this event.

You can subscribe at: www.epvtech.com

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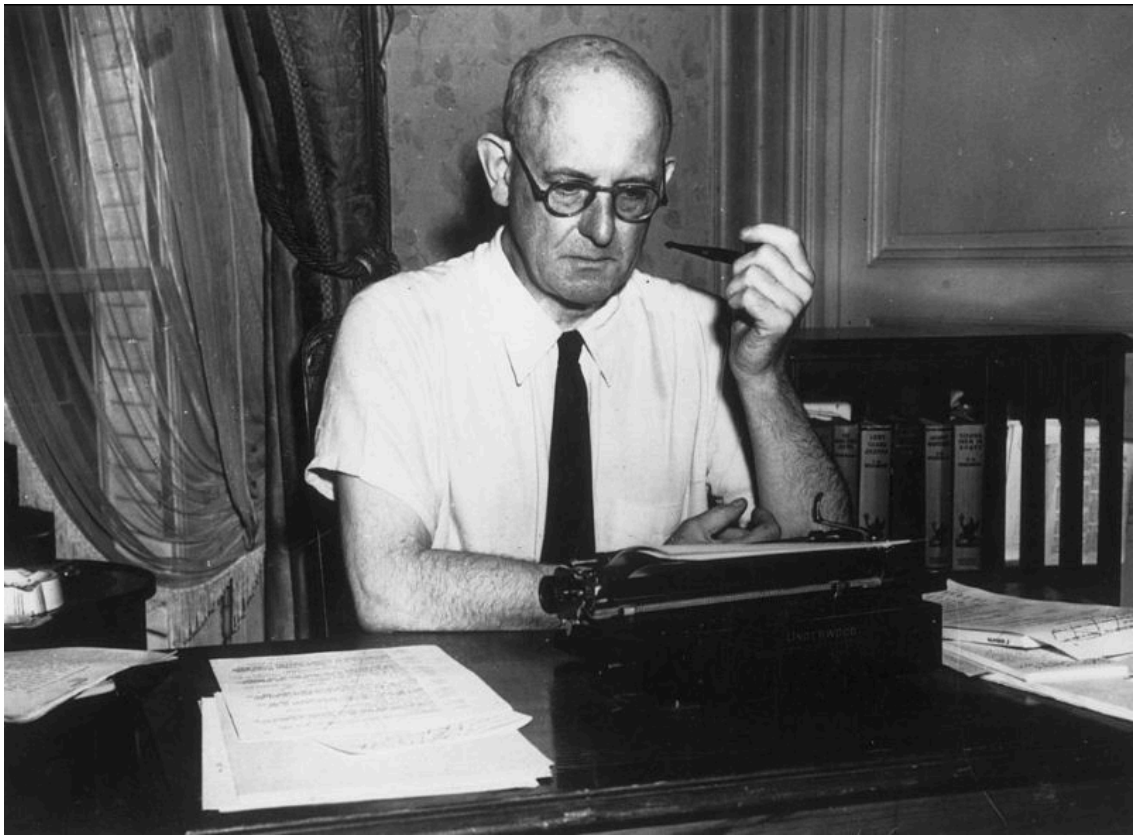
## Quotes



*“An apple a day, if well aimed, keeps the doctor away.”*
**P.G. Wodehouse**

We care about your Privacy. EPV Technologies is GDPR-compliant.

You may have heard about the new General Data Protection Regulation ("GDPR"), that comes into effect May 25, 2018.
It was introduced to unify all EU countries to a unique data regulation, ensuring that all data protection laws are applied identically within the EU.
It also protects EU citizens from organisations using their data irresponsibly and puts them in charge of "what", "where" and "how" information is shared.

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