

# Pivotor : From Raw Data to Real Answers

Actual Intelligence for Mainframe Performance



z/OS Performance  
Education, Software, and  
Managed Service Providers



Creators of Pivotor®

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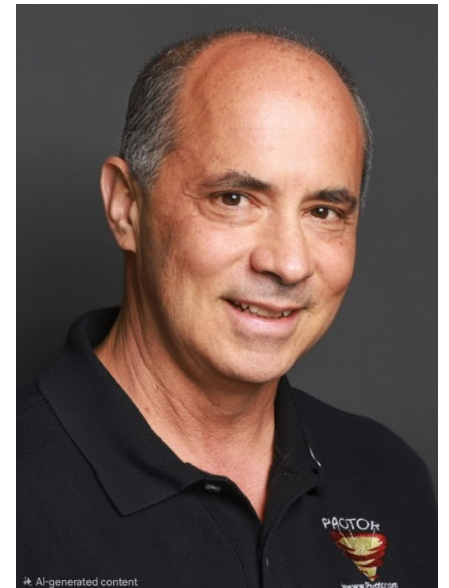
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## Questions?

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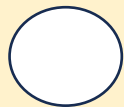
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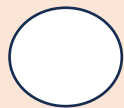
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# EPS: We do z/OS performance...



- **Pivotor** – z/OS performance reporting and analysis software and services
  - Not just SMF reporting, but analysis-based reporting based on expertise
  - [www.pivotor.com](http://www.pivotor.com)
- **Education and instruction**
  - We teach our z/OS performance workshops all over the world
  - Want a workshop in your area? Just contact me.
- **z/OS Performance War Rooms**
  - Intense, concentrated, and highly productive on-site performance group discussions, analysis and education
  - Amazing feedback from dozens of past clients
- **MSU Reduction Exercises**
  - The goal is to reduce the MSU consumption of your applications and environment
- **Information**
  - We present around the world and participate in online forums
  - <http://www.pivotor.com/content.html>  
<http://www.pivotor.com/webinar.html>



# z/OS Performance workshops available

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During these workshops you will be analyzing your own data!

- Essential z/OS Performance Tuning
  - March 30 – April 3, 2026 (4 days, excl Wednesday the 1<sup>st</sup>)
- WLM Performance and Re-evaluating Goals
  - July 27 - 31, 2026 (4 days, excl Wednesday the 29<sup>th</sup>)
- Parallel Sysplex and z/OS Performance Tuning
  - May 12-13, 2026
- Also... please make sure you are signed up for our free monthly z/OS educational webinars! (email [contact@epstrategies.com](mailto:contact@epstrategies.com))

# Like what you see?



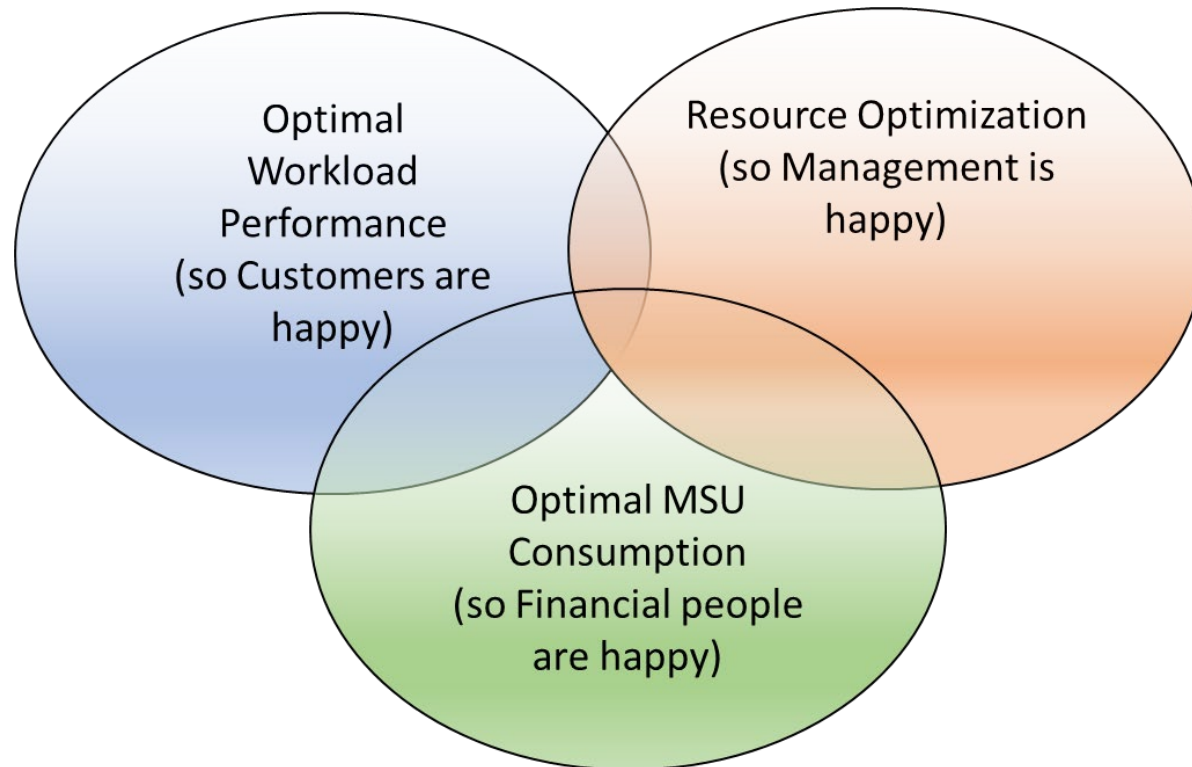
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- Free z/OS Performance Educational webinars!
  - The titles for our Fall 2026 webinars are as follows:
    - ✓ **Pivotor in Action: A Live Look at Mainframe Performance Reporting**
    - z/OS Performance Topics: The Ones That Divide Us
    - z/OS Measurements - Basic to Advanced Series: LPAR and CEC Usage and Utilization
    - z/OS Measurements - Basic to Advanced Series: I/O: Response Time and Beyond
    - z/OS Measurements - Basic to Advanced Series: What Are My Service Classes Doing?
    - z/OS Measurements - Basic to Advanced Series: Coupling Facilities
  - *More webinars will be scheduled*
    - *Do you have a topic you would like to see a webinar on?*
- If you want a free cursory review of your environment, let us know!
  - We're always happy to process a day's worth of data and show you the results
  - See also: <http://pivotor.com/cursoryReview.html>

# Why the answer can't wait



Every performance question must consider three major considerations at once.



## Customers

Did the workloads meet their objectives and goals?

## Management

Are we optimally using the resources we paid for?

## Finance

What did the MSU consumption do to our software bill?

The Performance Balancing Act: the three pull against each other, we can use Pivotor to figure out the optimal balance.

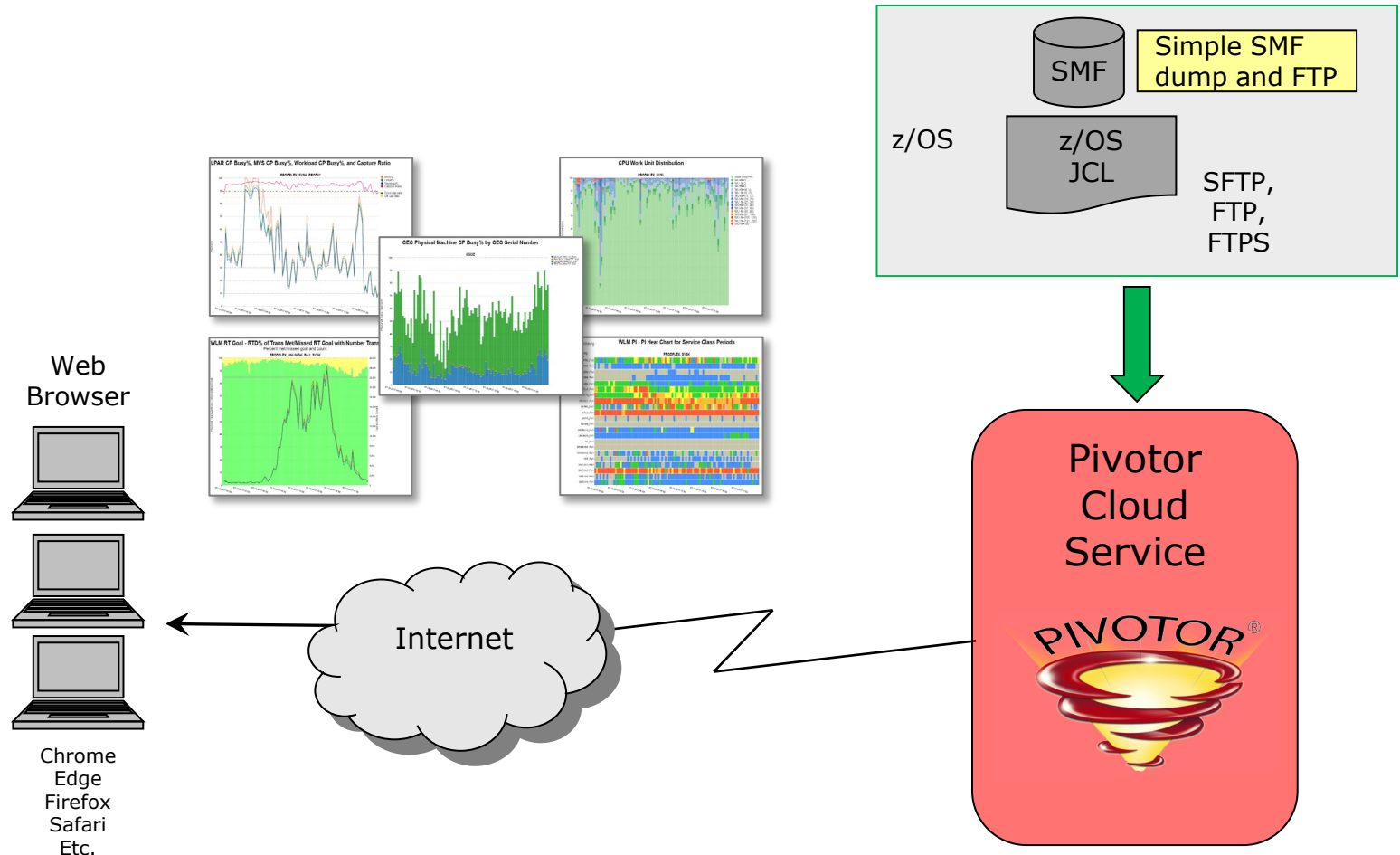
# Pivotor Software as a Solution (SaaS)



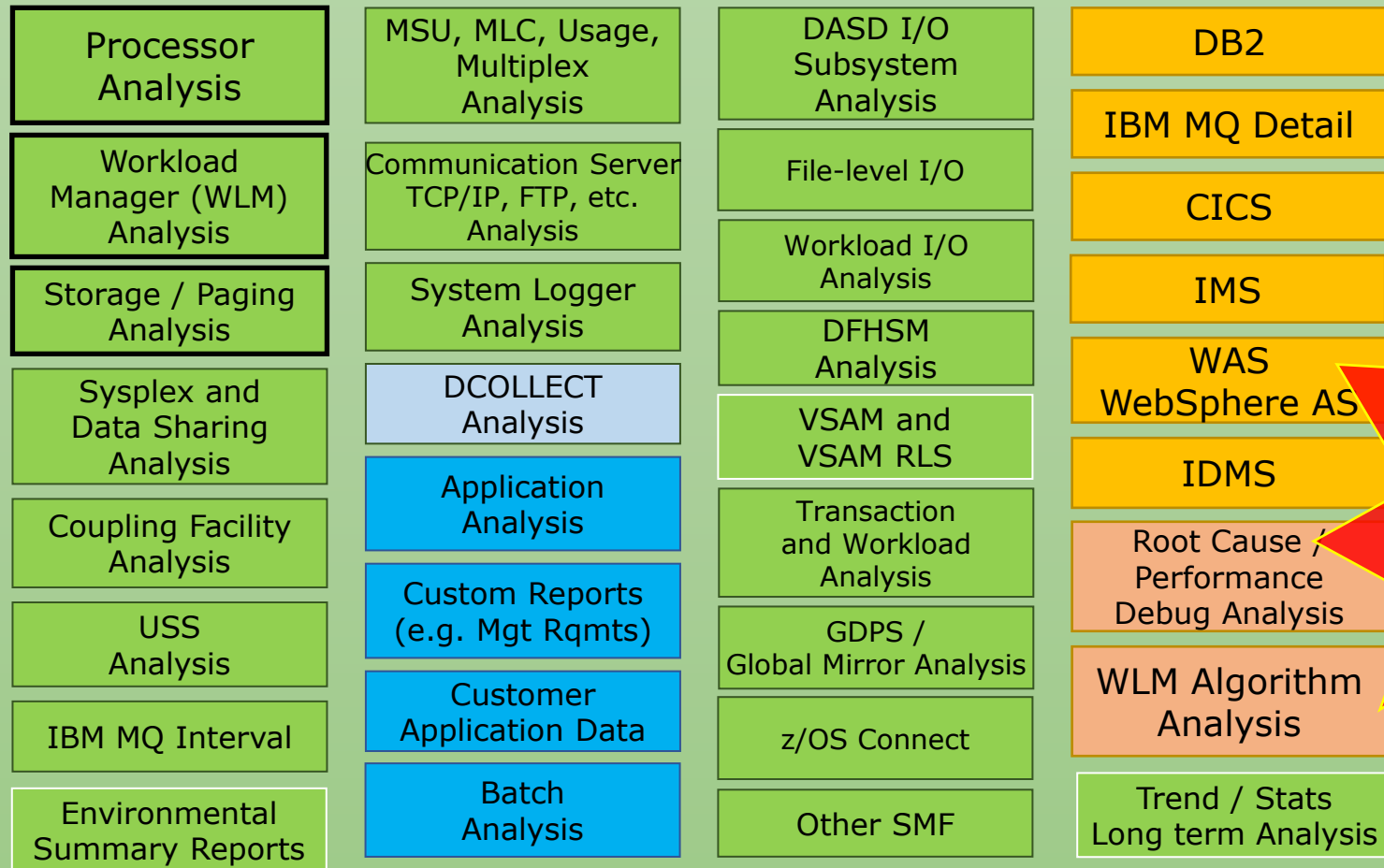
We do everything for you so, you can focus on Analysis!

Because we also have access to your data, SaaS Includes:

- Formal yearly cursory review / discussion
- Ability to ask us performance questions, or for us to look at a particular problem or concern. ([support@epstrategies.com](mailto:support@epstrategies.com))
- We can occasionally look in on your data and performance
- We can participate in performance debug with IBM, or other vendors



# Pivotor's Comprehensive Report Sets for Immediate Performance Analysis



**>3000 reports  
"out of the box"**

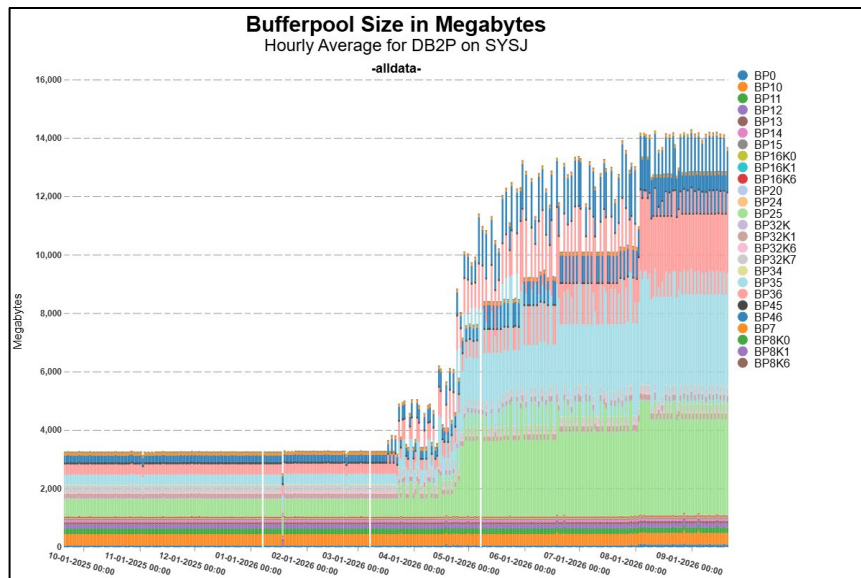
Across multiple timeframes: daily, weekly, monthly, yearly, rolling  $n$  days, etc.

# Pivotor – One set of data, and Four Key Audiences



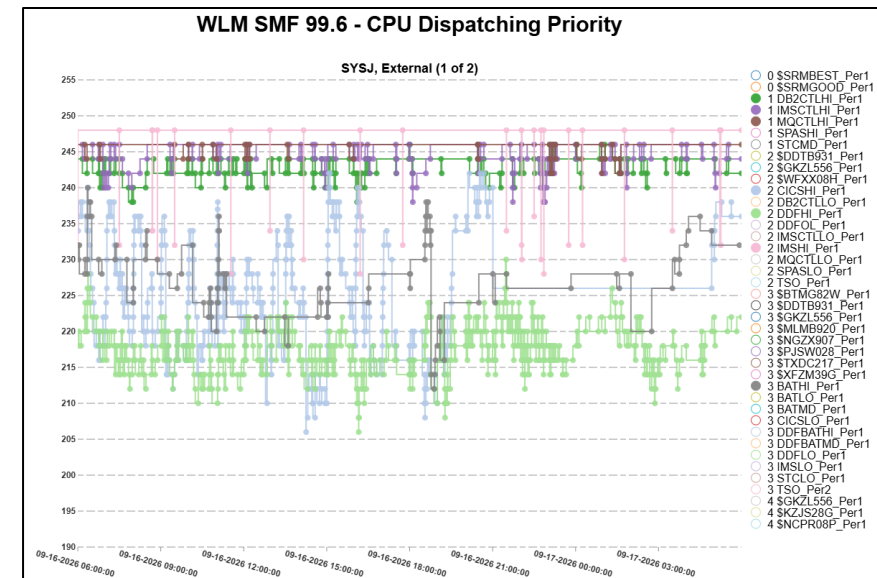
## Performance Analyst

- Fast root cause analysis
  - Playlists and exception alerts
  - Overlays and time filtering
  - Extensive drill-down search by field, value, tag or keyword



## Performance Debugger

- Get to the heart of problems fast
  - Outlier analysis
  - Extensive batch reporting
  - Transient/High Frequency data reporting

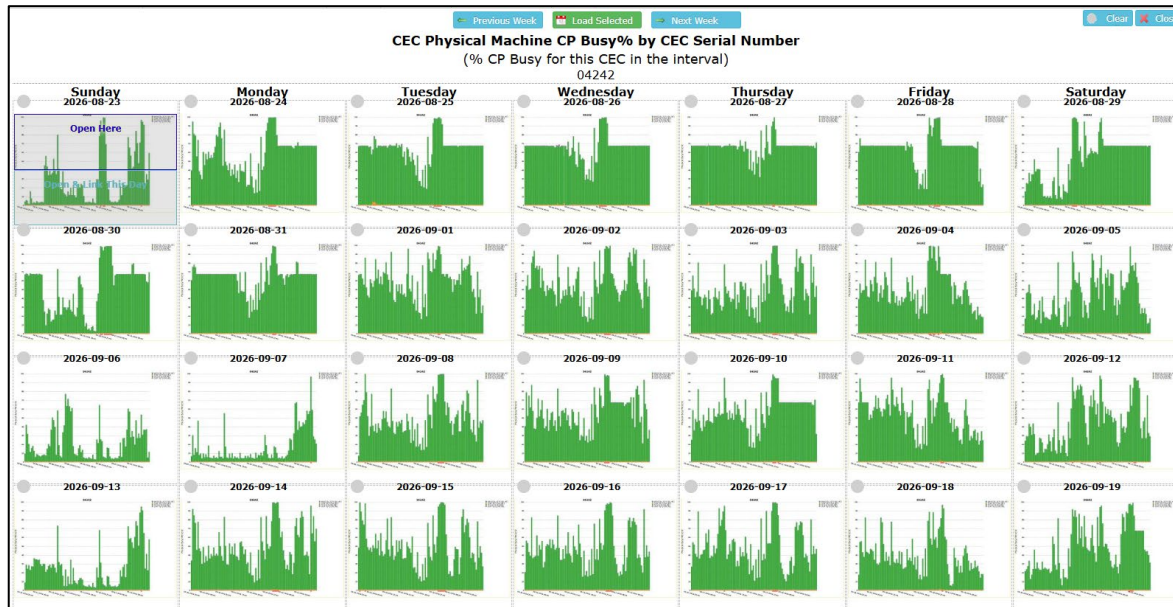


# Pivotor – One set of data, and Four Key Audiences



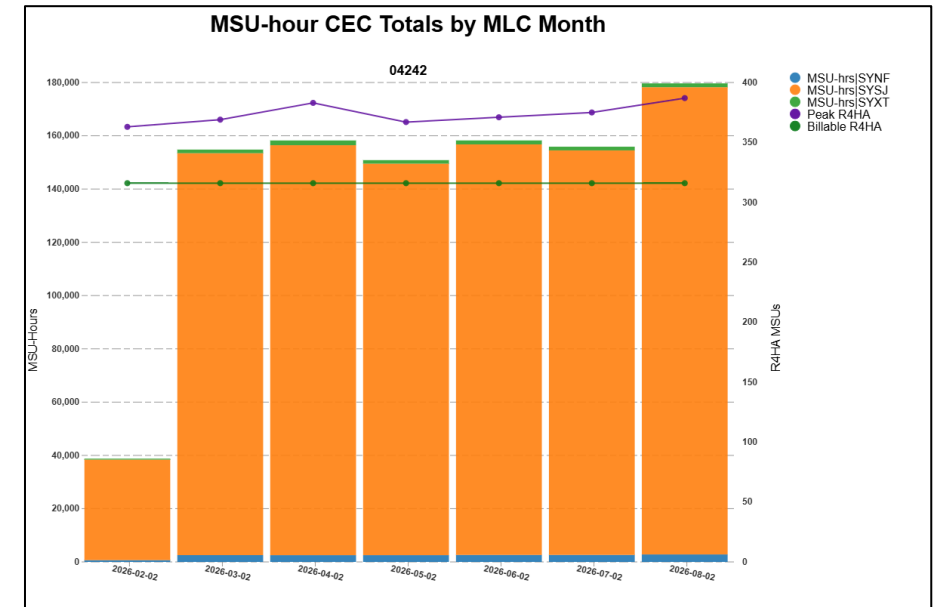
## Capacity Planning

- Long term reporting for trending
  - Daily through yearly report sets
  - Long-term trending that keeps the peaks
  - Last week's report loads as fast as this week's



## Management and Finance

- Consumption in business terms
  - MSU, MLC and multiplex reporting
  - Application attribution across batch, CICS, DB2, IMS, WAS
  - Ability to incorporate business metrics
  - Accounting



# Special note to MSP and their customers

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- Pivotor is the perfect fit for Mainframe Service Providers and their customers
  - MSPs are finding great value in Pivotor for several reason, including:
    - Capacity planning for optimal customer placement
    - Consistent reporting across customer/MSP environments
    - Performance analysis and reporting for customers
    - Potentially to show performance continuation or improvement
    - Much more...
  - Customers of MSP are also finding great value in Pivotor for several reasons, including:
    - Remember, you know your business better than IBM or any MSP.
      - Pivotor lets you reach and defend their own conclusions
    - Pivotor helps to verify that they are 'getting what they paid for'
    - Powerful way of keeping an eye on performance of their environment and applications
    - High usage by application performance teams to improve or debug performance
    - Much more...

# Pivotor is structured for Productivity

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- Pivotor 'approaches data' and reports like a performance analyst
  - Because performance experts designed it
- Examples:
  - Guided playlists
    - A curated sequence of reports will walk you through a specific analysis
  - Exception-triggered playlists
    - Conditions worth investigating are also automatically surfaced in their own playlist
  - Automatic data aggregation for long term analysis and trending
    - Smart min/max aggregation keeps long-term trends honest instead of averaging peaks away
  - Outlier detection
    - Smart machine learning algorithms used to flag outliers before they turn into problems
  - Report helps
    - Think of Pivotor as an education tool, as well
  - Much more...

# Just some of Pivotor reporter's features:

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- Every report rich-view, CSV, table, and image
- Easily share reports
  - Export to PDF or Copy-Paste URL
- Optional 'Export *for* AI'
  - Option to feed Pivotor reports and playlists to the AI assistant of your choice
- Playlist Analysis
  - Playlists 'walk' a user through an analysis
- Exception analysis
  - Simple to complex conditions
- Outliers
  - What's different this week
- Expanded helps
  - Pivotor is a great vehicle for learning about z/OS performance
- Data Explorer
  - For dynamic custom reporting based on logical sets of data
- Batch timeline reports

# More Pivotor reporter features:

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- Drill down / Search capability
  - Search by field, value, tag, or keyword
- Automatic aggregation of long-term data, with zoom to detail level
  - Min/max aggregation avoids hiding peaks in long-term averages
- Report overlays
  - When there is a need to look at one report on top of another
- Time filtering
  - When you want to focus on a specific time period within a reportset
- Application Attribution
  - Enables fast and flexible custom reporting based on customer groupings
- Dashboards
  - Multiple customizable dashboards
- Ability to incorporate business metrics into performance reports
  - Capture non-SMF data such as call center calls or bills produced

# Demo Time

## A Simple Processor Drilldown Analysis

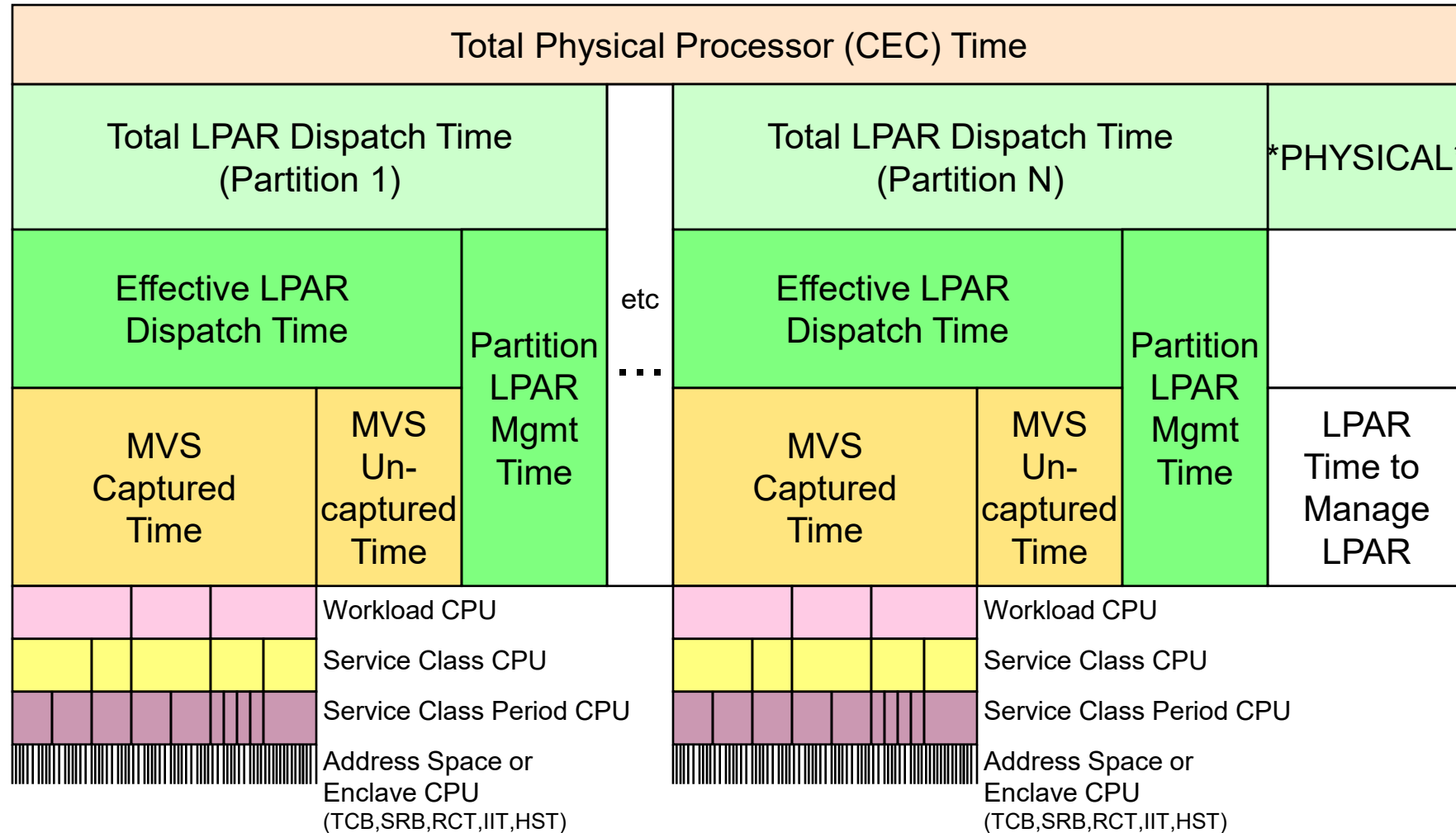
Questions about Pivotor?

Of maybe general performance questions?

# Breakdown of General-Purpose Processor



- We always needed to understand the break down of CP CPU consumption



# Example of Pivotor Processor Reportset

