Performance Navigator®
for i5/iSeries
from Midrange Performance Group
CPU

Where you are:
Current Average Day CPU Utilization
This customizable 24-hour graph is an MPG exclusive which, at a glance, shows interactive and batch workloads. Modeling by job type is a requirement for all models having multiple CPW ratings.

Where you will be:
Modeled Workload on Different System
The exclusive "What-If™" menu models the current CPU workload on any i5/iSeries model, including Enterprise, Standard, Value, or Express models.

Where you are headed:
Projected Workload in Future
Based on historical data, this graph projects the CPU workload in 'x' number of months. This answers the question of how long the new system will last.
DASD

Where your DASD is and will be: Capacity and performance answers for DASD

The exclusive "What-If" menu models disk configurations for both performance and capacity. This includes the all new disk/controllers.

Consolidation/LPAR

Should you consolidate? Should you LPAR?

Consolidation and LPAR configuration

The exclusive "What-If" menu models the consolidation of any number of systems and even supports time zones and partial processors. Next, size and configure LPAR.

Customer Quote:

"BEST/1® has always been my performance and capacity planning tool. To be honest, I've not only felt frustration with the "hardware promoting" tool, but I have never felt 100 percent confident in it's predictions. I hate that feeling.

After switching to Performance Navigator, I don't have that "uneasy" feeling anymore. I really think this product will become the new industry standard."

- D. Mewmaw, Supervisor, Boise Cascade Office Products
Trends

Where you have been:  
CPU Utilization by Date  
(one of over 500 metrics tracked)  
These exclusive historical dynamic graphs can be drilled up or down (month, week, date, and 15-minute interval), zoomed in or out and all have fully controlled linear regression (trend) lines. Trend statistics can be calculated over any time period.

Where were you vs. now:  
Disk Space Utilization by Week / Before vs. After  
Exclusive dynamic linear regression lines can be split to show any before and after comparison. See how changing environments will change the performance and capacity requirements.

Where you will be vs. now:  
Disk Space Utilization by Week  
Graphs by month and week can be extrapolated (another exclusive) based on the trend line. Guidelines can be added for enhanced visual impact.
Who is using the system?

**Monthly Summaries**
(jobs, users, comm, IOPs, groups tracked)

Over two dozen month-to-date average and total metrics are tracked on every batch job, user, communication line, IOP, job group and user group. Any metric can then be graphed, for example, Total CPU ms.

### Job/User Groups

**Summarized by group:**

**Monthly Summaries by Group**

Yet another *exclusive* feature is the ability to group jobs and users for reporting and graphing. Any metric can then be graphed, for example, CPU ms by group.

#### Business Partner Quote:

“Performance Navigator allows me to provide my customers accurate system sizing by letting me show them in graphical representation their current system batch and interactive performance. We then can work together on the system sizing of the new processor by using the trending options as to how different processors will perform in the future under current and anticipated workloads. This takes the guesswork out of system sizing and sets me apart from other Business Partners.

(I recommend this product to all but my closest competition)”

- Scott Hirsh, Senior Account Executive, Premier Technologies
What just happened?
Current Day CPU in 15-Minute Intervals
(DASD, response time, transactions, memory also tracked)
Graphing current day (or past days) CPU utilization or other metrics is just a click away. Simply drill-down into any interval and see all the jobs that were running in that interval. Select any metric (e.g. CPU%) and graph who was taking the most resources.

Customer Quote:
"Performance Navigator is a wonderful product. We used the problem determination features to find out why our CPU utilization jumped 20% in just 5 weeks. With the CPU Utilization by Job report, we were able to drill down through the data and actually found a single batch job that was using 10 times the normal CPU cycles. Since we had years worth of history data, we were able to pinpoint with Performance Navigator when the problem started. Using this tool, we determined that there was a program fault, and were able to prove to our software vendor the job that was causing the problem.

I have just scratched the surface of the capabilities of this product."

- Debbie Blake, Systems Administrator, New Hanover Regional Medical Center
DASD

What just happened?
Current Day Arm Utilization in 15 minute intervals
DASD is also just a click away.

Latest Release!
VERSION 11

Job Level Capacity Planning
Estimate improvement in job run time on target system or in LPAR.
The PC interface to i5/iSeries Performance Management and Capacity Planning.
Runs on Windows 95/98/2000/XP or NT.

Key Functions:

- **Capacity Planning**
  - Model Selection
  - Server Consolidation
  - LPAR Configuration
  - DASD Modeling
  - Job Modeling

- **Problem Determination**
  - Drill down into the past:
    - System Status
    - Active Jobs
    - Disk Status

- **Performance Management**
  - Dynamic Trending Analysis
  - Over 400 graphs and reports
  - Automatic Production
  - Job Performance Profiles
  - User Performance Profiles
  - Job Grouping
  - User Grouping
  - Asset Management Report

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