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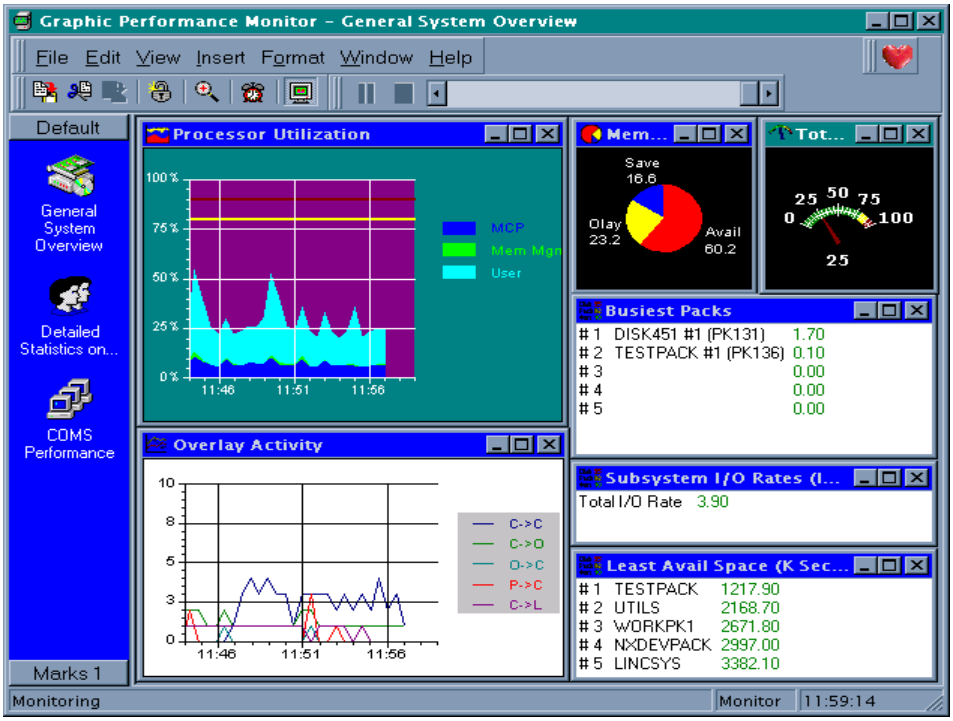
Specialised Software Solutions

GPM - Graphic Performance Monitor ™



GPM

The faster, more affordable way to optimise ClearPath system performance

GPM is a powerful, affordable, real-time monitoring tool for Unisys ClearPath Systems. It displays system, workload, transaction and database performance information in an easy-to-understand graphic format on IBM or compatible PCs

Makes complex information easier to gather and evaluate

GPM is used by system operators, technical support personnel, database administrators and data processing staff responsible for reacting quickly to system performance problems and for enhancing system efficiency and cost effectiveness.

GPM software has two elements - one runs on the host, one runs on the PC

The GPM Host software continually monitors the system to collect performance data, and then transmits these data over a standard data communication line to software which runs on the PC. You can select the specific data you wish to review on the PC, and the data can then be displayed in any of 12 user-friendly graphic formats. Data can also be captured on the PC or the host for later review and analysis.

GPM/PC allows the system operator to view one set of performance data which gives a general overview of the system, while the database administrator is simultaneously viewing detailed DSMII information. GPM/PC software makes extensive use of colour to help the user identify performance problems and evaluate data-eliminating the need to monitor detailed numerical statistics.

Sophisticated Alarms

Warning and alarm thresholds can be set either on the host or the PC so that you are alerted of various conditions. The types of alert include audible, visual, reporting and electronic.

Multi-Host Capability

In a multi-host BNA environment, you can opt to integrate data from each of the hosts into a consolidated data collection file, allowing you to monitor all your hosts from one PC display.

GPM Host Data Collection Modules

System Performance

The System Performance Module collects data about overall utilisation of system resources, including utilisation information for the CPU, memory and disk packs. This data allows the user to quickly determine if any hardware resources are overloaded and is ideal for identifying disk packs that are bottlenecks.

Database Analysis

This module allows monitoring of resource usage and I/O activity for selected databases. It monitors memory usage, overlay, I/O and audit activity and can be used to determine which structures of the database are being most heavily accessed. This module can help to establish the best values for database parameters such as Allowed Core and Overlay Goal by enabling the user to observe the immediate impact of changing these parameters.

Workload Analysis

This module uses a subset of the popular CP/Analyzer capacity management software to monitor the utilization of system resources broken down by user defined workload classifications. Individual tasks or workloads that are consuming excessive amounts of system, CPU, I/O and memory resources can be quickly identified. In addition, this module calculates the components of transaction response time and program elapsed time to help identify bottlenecks degrading performance.

LINC Analysis

This optional module provides real-time feedback on performance and throughput of one or more LINC systems, at the subsystem and ISPEC level. Displays performance statistics in an easy-to-understand graphical format. Allows you to optimise ISPEC response time and overall LINC system performance.

COMS Analysis

This module monitors transaction activity and response time for COMS processing programs. With this information, the user can quickly determine transaction processing programs which have poor response time or are experiencing significant queuing problems. Through the use of a special processing item, detailed statistics can be gathered for COMS windows, transaction codes, and stations.

BNAv2 Analysis

This optional module provides performance information to allow you to monitor and optimize your BNAv2 network. For more details see our separate brochure.

NAP Analysis

Optional modules allows you to measure and monitor all aspects of the Unisys NAP / CAP telephony application. For more details see our separate brochures.

GPM/Query Management Reporting

You can get both automated and ad hoc performance reports and graphs using Query. For more details see our separate brochure.

User Written Modules

GPM is designed to allow you to customise the software and install additional data collection modules to monitor site specific information. GPM will interface with non-standard transaction processing environments, or will monitor business oriented data such as number of orders processed, inventory levels, and any other data maintained by the production application software.

GPM - when performance monitoring really matters.

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