



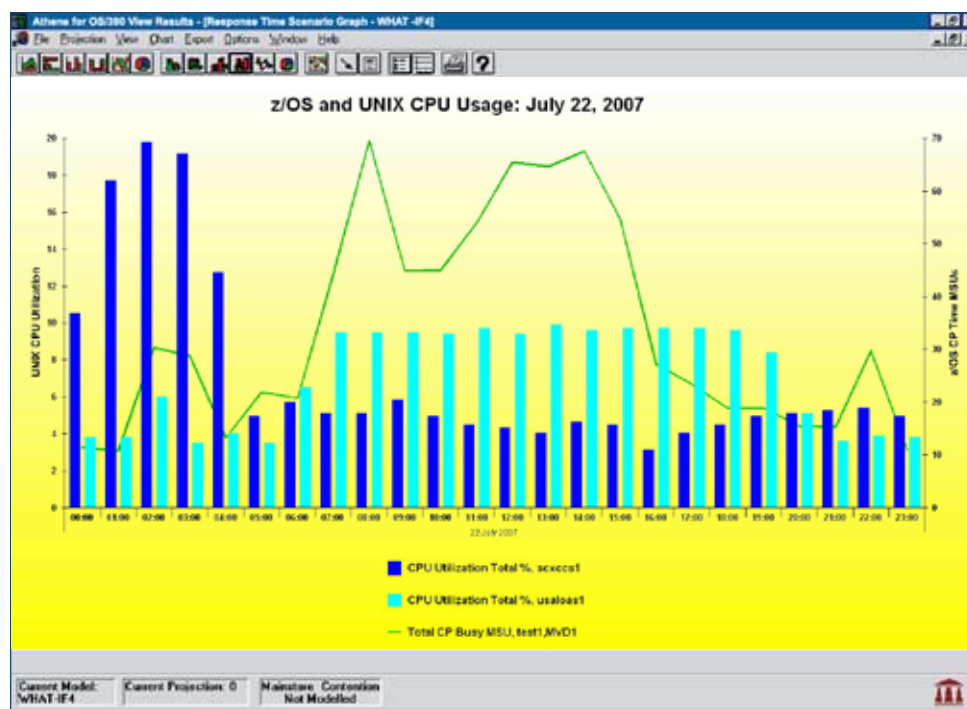
# Metron Athene Factsheet

## *Athene for z/OS*

### Rapid, consistent and reliable

Athene for z/OS, the capacity management tool for IBM or other PCM systems, provides a rapid, consistent and reliable means of predicting how systems will perform in a variety of changing business conditions. Use Athene for z/OS to plan future capacity requirements based on accurate, objectively acquired data, as well as to report regularly and automatically on a 24/7 basis on the overall performance of the system

Athene for z/OS



#### Athene Benefits:

- Avoid wasting time on irrelevant metrics.
- Reduces support costs by automating data collection and centralizing management.
- Minimizes risk of a performance crises.

The power of Athene lies in its ease of use and ability to present complex data as relevant, graphical and up to date reports. Athene can provide “what if” models ready for evaluation within a day of installation.

Athene for z/OS automatically creates a baseline model using performance data derived directly from the target system and transferred to the Athene workstation. The model is then modified to show how the system will perform in changed circumstances, such as additional applications, new or upgraded hardware, etc.

#### Athene for z/OS predicts effects of change such as:

- Modifying the workload by adding or removing applications
- Changing the transaction volumes on interactive systems such as CICS
- Altering the priority, arrival rate, multiprogramming level of workloads
- Changing hardware configuration
- Consolidating workloads from two or more systems

A large number of detailed changes can be described by a single model, and results can be projected over a range of future dates.

#### Athene for z/OS takes into account:

- Contention for I/O paths
- DASD and tape performance
- CPU power and CPU queuing
- Contention for main memory and for paging I/O
- Cache controller characteristics
- Use of expanded / central storage facilities
- Avoidable delays, such as media mounts
- Unavoidable delays, such as network time for CICS

### Trend and Correlation Analysis

Athene for z/OS includes a suite of statistical functions which derive trend and correlation analyses to assist in the forward planning process.

### Reporting results

Reports from Athene for z/OS are provided in tabular and graphical formats making it easy to compare workload performance against agreed service level targets. Scenario Reports illustrate the effect of long-term changes to a system while Detail Reports show all aspects of the workload performance and configuration loadings.

### Athene Performance Reporting

Athene for z/OS includes Automatic Reporting, which enables the Athene user to define and produce regular performance reports with no manual intervention. The same reports can include data from UNIX, Linux and Windows servers as well as customized data such as business statistics, giving complete information about the entire IT investment.

