SightLine ™
Server Performance Analysis

SightLine Predict +

Using the past to predict the future

SightLine is a performance management solution able to provide monitoring, alerting, analysis and reporting on a day-to-day basis. SightLine provides powerful auto-analysis and data correlation to provide real-time analysis and elimination of service level degradation. In addition SightLine now introduces **SightLine Predict +.**

SightLine Predict + is a new SightLine Module that analyses historical SightLine performance data to trend future system usage. This powerful new SightLine module will save hours/days of manual effort, enabling regular Trend Analysis reviews to be carried out on ALL Systems.
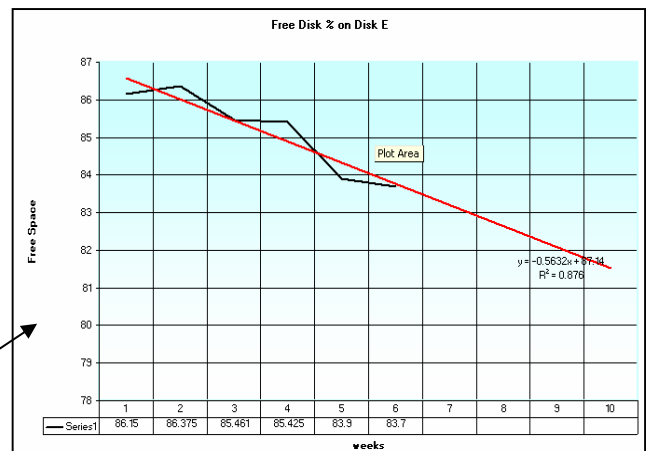
Predicting future server performance

SightLine Predict + filters and summarises historical SightLine performance data for selected time periods, such as patterns for specific working days or peak period processing. SightLine Predict + then produces an accurate regressive trend from which the future trends are calculated. This allows performance trends to be identified from historical SightLine data, and provides the ability to summarise and profile SightLine data in ways that were previously unavailable.

SightLine Predict + enables the user to:

> Consolidate data.
> Profile the data (using correct algorithm).
> Analyse the past data.
> Produce regressive trend.
> Predict the future trend.
> Schedule the run.
> Export to MS Excel®.

Using **SightLine Predict +** we can show an example of SightLine data across a time slice, which in this case is six weeks of data. The Black line is SightLine historical % free disk space. The Red line shows the predicted Trend from the historical SightLine data. As we can see from the downward trend, the Free Space is getting less. Action can be taken early to avoid a future disk space problem.
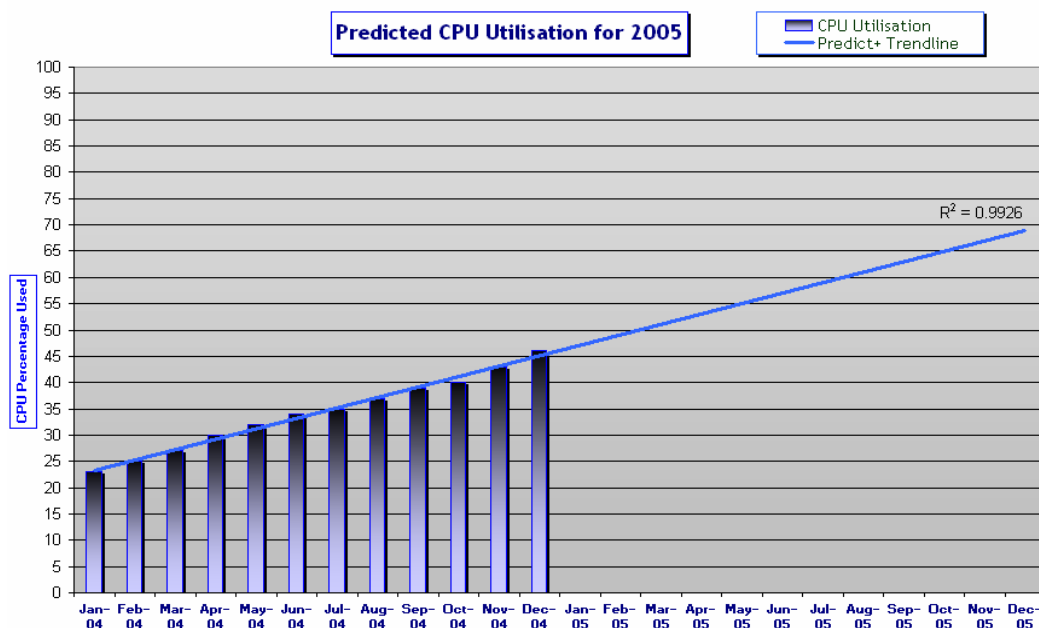

Free Disk % on Disk E

$y = -0.5632x + 87.14$
$R^2 = 0.876$

	1	2	3	4	5	6	7	8	9	10
Series1	86.15	86.375	85.461	85.425	83.9	83.7				

weeks

SightLine Predict + Output Graph showing % Free Disk space

SightLine Predict + enables any SightLine performance metric or workload to be analysed and a Trend produced. The user does not have to be a Performance Expert to use SightLine Predict +. SightLine Predict + has a simple to use interface and the Trending process, once setup, can be scheduled to run as required.

Below is shown a typical example of the output display from a sample trending process. To December 2004 the vertical bars are actual SightLine CPU utilisation performance data that has been gathered over twelve months. SightLine Predict + produces a regressive trend based on this data. This enables CPU utilisation to be projected for the next 12-month period. By using SightLine Predict + early action may be taken to avoid a future CPU bottleneck.
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Sample of Output Display for SightLine Predict +

SightLine Predict+ is a powerful, easy to use, automatic tool to help you predict future system usage.   For more information on this powerful new SightLine module please contact Intelligent Solutions below.

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