SP Portal 2.0

IT capacity & performance reporting

Key benefits

- Manage IT infrastructure capacity and utilization
- Provides information crucial to investment & consolidation decisions
- Optimize IT budgets and costs
- Support the implementation of the ITIL Capacity Management process

Advantages

- Summarized enterprise view of the IT resources
- Identify over and under utilized servers
- Support for virtualized infrastructures and heterogeneous environments
- Very fast installation and deployment times
- Web interface

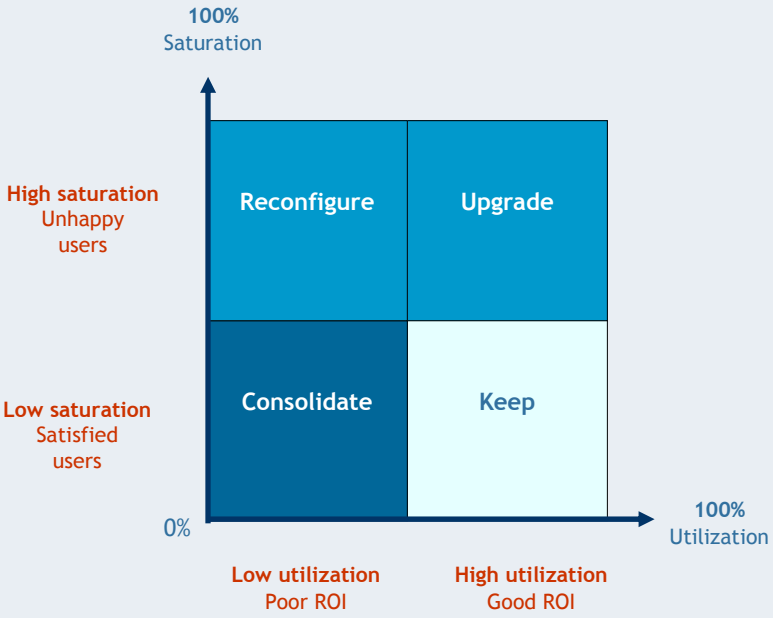
Managing IT costs whilst maintaining optimum service levels requires precise IT infrastructure capacity, workload and performance indicators.

THE SP PORTAL SOLUTION

SP Portal offers IT Managers a solution to aid in making the right decision for allocating IT resources, budgets and investments.

The relevant reports and analysis provided by SP Portal make it possible to precisely understand how the IT resources supports the business now and to ensure that IT resources match the future needs of the business:

- Objective reports on server capacity and distribution
- On-going analysis of application utilization
- Precise recommendations for optimizing resources



SP Portal's analysis quadrant details the effectiveness of the enterprise's IT resources

Manage IT infrastructure

Evaluating server capacity

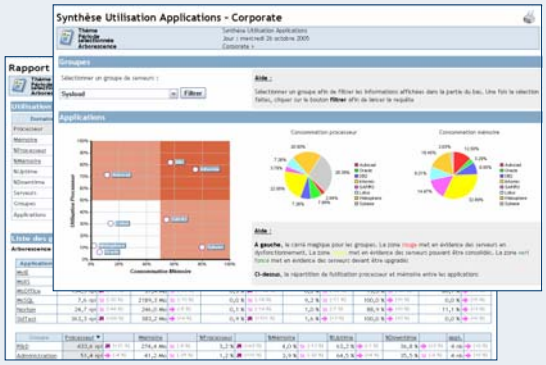
SP Portal offers an enterprise and homogeneous view of the entire IT infrastructure by providing the key indicators needed for evaluating server capacity and for implementing a clear policy of IT resource management and optimization.
SP Portal highlights the major trends in order to anticipate future needs.

SP Portal evaluates the capacity and saturation of servers

Determining application usage

Due to powerful analysis of the performance and capacity indicators, SP Portal determines the utilization of every component within the IT infrastructure:

- Determining the application distribution
- Checking the impact of applications on the infrastructure
- Identifying over or under utilized applications



SP Portal provides a summary of the application utilization distributed within the entire company infrastructure

Ensure IT efficiency

SP Portal closely monitors system saturation and identifies failure points and degradation performance factors. This helps define task priorities to ensure a continuous delivery of the resources needed for the business:

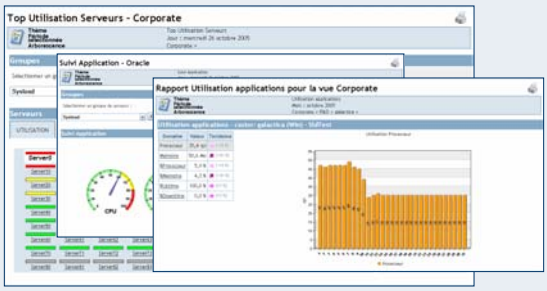
- Ensuring continuity of service
- Ensuring end user satisfaction

SP Portal identifies the IT resources representing a risk to the business

Optimize IT budgets

SP Portal assists in managing and optimizing IT costs. Utilization analysis makes it possible to optimize the output of the resources, thereby ensuring the efficiency of the IT infrastructure:

- Ensuring optimum ROI from IT resources
- Aligning IT investment with the true needs of the business



SP Portal provides the “real” worth of each IT resource

Typical usage

Server consolidation

By determining which resources are over or under utilized, SP Portal identifies the systems and applications that can be targeted for consolidation. The capacity and utilization indicators make it possible to precisely size the hardware resources (OS, processor, memory, etc.) of the partitioned environment that will host the consolidated systems. Lastly, SP Portal monitors the newly set up environments so as to validate the consolidation process.

Aligning capacity with true utilization

SP Portal continually checks whether the level of IT resources available matches true needs. It thereby offers the ability to remain proactive when facing changes in IT demand. The solution helps in maintaining continuity of service and assists with implementing an on-going resource management approach, e.g. by supporting the implementation of the ITIL Capacity Management process.

Clear and substantiated communication

The consolidated and customizable SP Portal reports offer a summarized view of all IT resources. The reports are easily generated and accessed via a web browser. The reports form a reliable communication tool that lets IT managers document their strategic choices with clear, objective and directly exploitable data.

Operating principle

Fast implementation

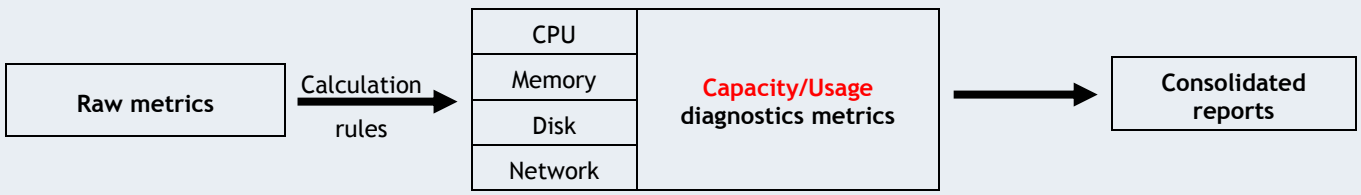
SP Portal implementation and deployment is fast and well suited to the heterogeneous nature of an Information System, by continuous monitoring of all resources without impacting the production environment.

Intelligent indicators

Four critical sub-systems are analyzed to evaluate server and application capacity and utilization: processor, memory, disk and network.

Diagnostics indicators are calculated from the raw system data collected in real-time every five seconds: processor, memory, swap, caches, disks, process monitoring, network interfaces, applications, users, etc. The raw metrics are used within calculation rules to produce the “intelligent” indicators used by SP Portal.

These indicators form an abstraction layer for all monitored platforms, thus making it possible to compare all of the disparate resources easily. The data is consolidated and stored in the SP Portal database and is directly accessible via a web browser.



SP Portal - Information Flow

A natural complement to Sysload

SP Portal completes the Sysload performance management solution with the addition of a reporting system that allows effective decisions to be made about the IT infrastructure. Both Sysload and SP Portal provide relevant information to personnel within the IT infrastructure. On the one hand, IT Managers have a decision making reporting interface (SP Portal) whilst IT teams have a monitoring console (Sysload Observer) dedicated to system performance monitoring, analysis and management.

Technical specifications

Sysload Diagnostic Information

Capacity	Saturation	Utilization	Application
Processor (RPI)	Processor	Processor	Processor use (RPI)
Memory	Memory	Memory	Memory utilization (RPI)
Disk storage	Disks I/O	Disk storage	Processor utilization ratio
Network bandwidth	Network bandwidth	Network bandwidth	Memory utilization ratio
			Uptime ratio
			Downtime ratio

Supported platforms

- Windows: 2000, XP & 2003
- Unix: AIX, HP-UX, Solaris-x86, Solaris-Sparc, SCO OpenServer, SCO UnixWare, Tru64, Irix, Reliant Unix
- Linux x86 kernel 2.4 & 2.6, Linux Red Hat Advanced Server on Itanium 64

Sysload Software

About Sysload Software

Sysload Software provides performance and capacity management software for the increasing demands of IT services.

Sysload allows you to take effective control of your IT infrastructure by providing real-time monitoring and expert diagnostics to drill-down to the root-cause of performance problems quickly and efficiently and analyzing historical performance information to aid future planning of service and performance levels.

Unlike most vendors, Sysload Software focuses entirely on performance and capacity management and has gained an enviable reputation as the "Best of Breed" solution with over 500 customers, including Airbus, Aviva, BNP Paribas, Cap Gemini, Fujitsu-Siemens, Renault and Sony.