BENS

Load Balancing

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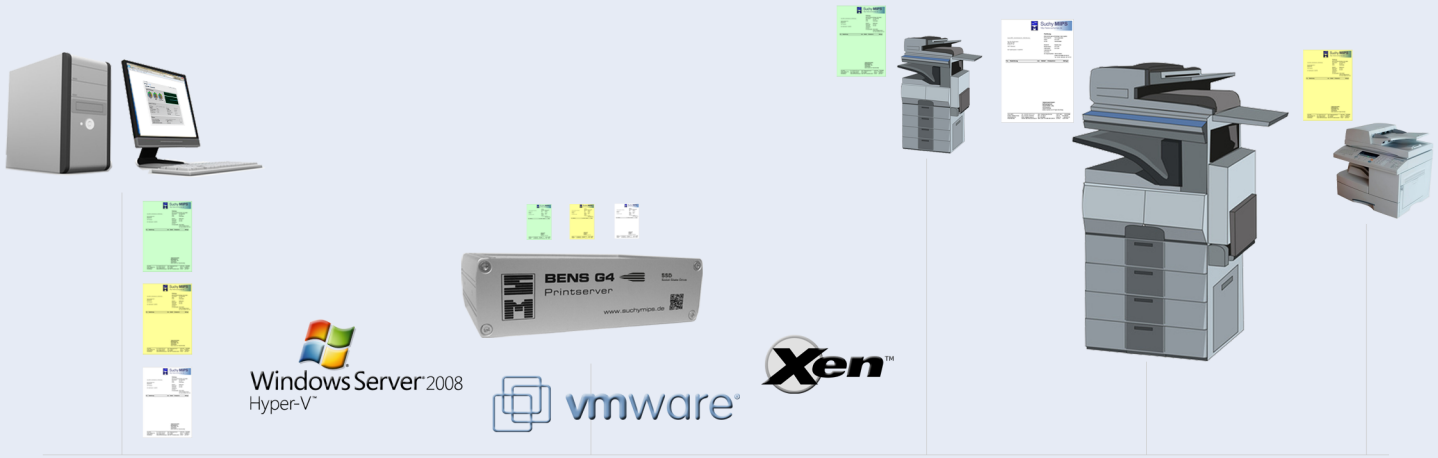

Load Balancing

The BENS Load Balancing Plugin provides an even distribution of the print load on several printers. By default, up to 5 printers are supported, other printers can be connected by license.

The Load Balancing Plugin distributes the incoming print jobs in a predetermined order to the individual printers connected in the Load Balancing Plugin. The print jobs are sent to the individual printers in a predefined order. Before, however, it is checked whether a printer is not printing or is out of service. In this case, the next printer is addressed.

After a longer pause, the print jobs are not always sent to the first printer defined in the group, but to those who would be without the pause. This intelligent method prevents excessive loading of the first printer defined in the group in relation to the other printers.

If a printer reports a critical errors, it is temporarily automatically excluded from the defined group until it reports ready to print.

When configured accordingly, the Load Balancing Plugin can distribute the printing of multiple copies of a document to all printers defined in the group. Thus, a very high page speed of several hundred pages per minute can be achieved. This type of application is particularly suitable for service providers who print on demand books, brochures, instructions for use or similar in copy-mode.

Another option allows defining a printing process chain. Print jobs are sent to a printer as long as it can print. If this printer reports an error or paper failure, the other print jobs are sent to the next printer defined in the group.

The load balancing plug-in is very easy to use for the user: he sends all print jobs to one particular virtual BENS printer. The load balancing plug-in enabled on this virtual printer automatically distributes the print jobs, depending on the configuration enabled.

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