

Objet : Expertise in migration.

SiNETiS proposes its experience and its products concerning the migration process of computers.

1 Inventory of park

SiNETiS suggests, first of all, to invent and to audit the complete park. This inventory can be very quickly realized and will allow to know exactly:

- The material characteristics of the computers
- The characteristic software of the computers.

The material characteristics will allow to identify the most obsolete computers requiring their replacement.

The audit of the use of the software will allow to know the software used by the users and to reduce reinstalments to this only software to optimize the speed of the reinstalment.

2 Computer reinstalment

The reinstalment of the computer maybe realized by two different manners:

- the reinstalment of a computer, without replacement, allows the delivery of the operating system and the software. The data are not modified. This method does not require manipulations. The installation of the computer varies between 30 and 60mn, according to the software configuration, the installation of the computer maybe done in parallel, and realized remotely (if activated Wake On Lan).
- The reinstalment of a computer, with replacement, requires manipulations and backups / restorations. It is the heaviest operation. The installation takes at least 60mn by computer and can not be done in parallel for a technician. This method is valid only with a planning of the interventions with the user. **SiNETiS** has a specific module, named **SysDesk**, of computers replacement, where the user is completely involved in the process, because he can fix his meeting of migration himself into the schedule of the technicians.

In every case, the **SiNETiS** process of computer installation is independant of the hardware configuration, within the limits of the drivers installation. Thanks to the material inventory, it is possible to take drivers into account in advance. Nevertheless, a missing driver does not block the installation, which will go up to the end of the process. The update of the driver can be installed afterward(rather rare case).

In the case of the changement of the computer, **SiNETiS** uses the following method:

- Inventory of the park and audit of the park
- Determination of the "standard configuration"
- Identification of computers "close" to the standard configuration and migration of these computers first
- Identification of the computers "close" to the standard configuration + one software = > realization of package of the supplementary software, then migration of these computers
- Identification of the computers "close" to the standard configuration + a new software => realization of package of the supplementary software, then migration these computers
- And so on....

Any migration with replacement of the computer requires " more support ". It is often necessary to help more the users with their softwares, because often the DSI, takes advantage of these migrations to change the versions.