



LANDPARK NETWORK IP

Landpark, comprehensive IT Asset Tracking and ITIL Help Desk solutions

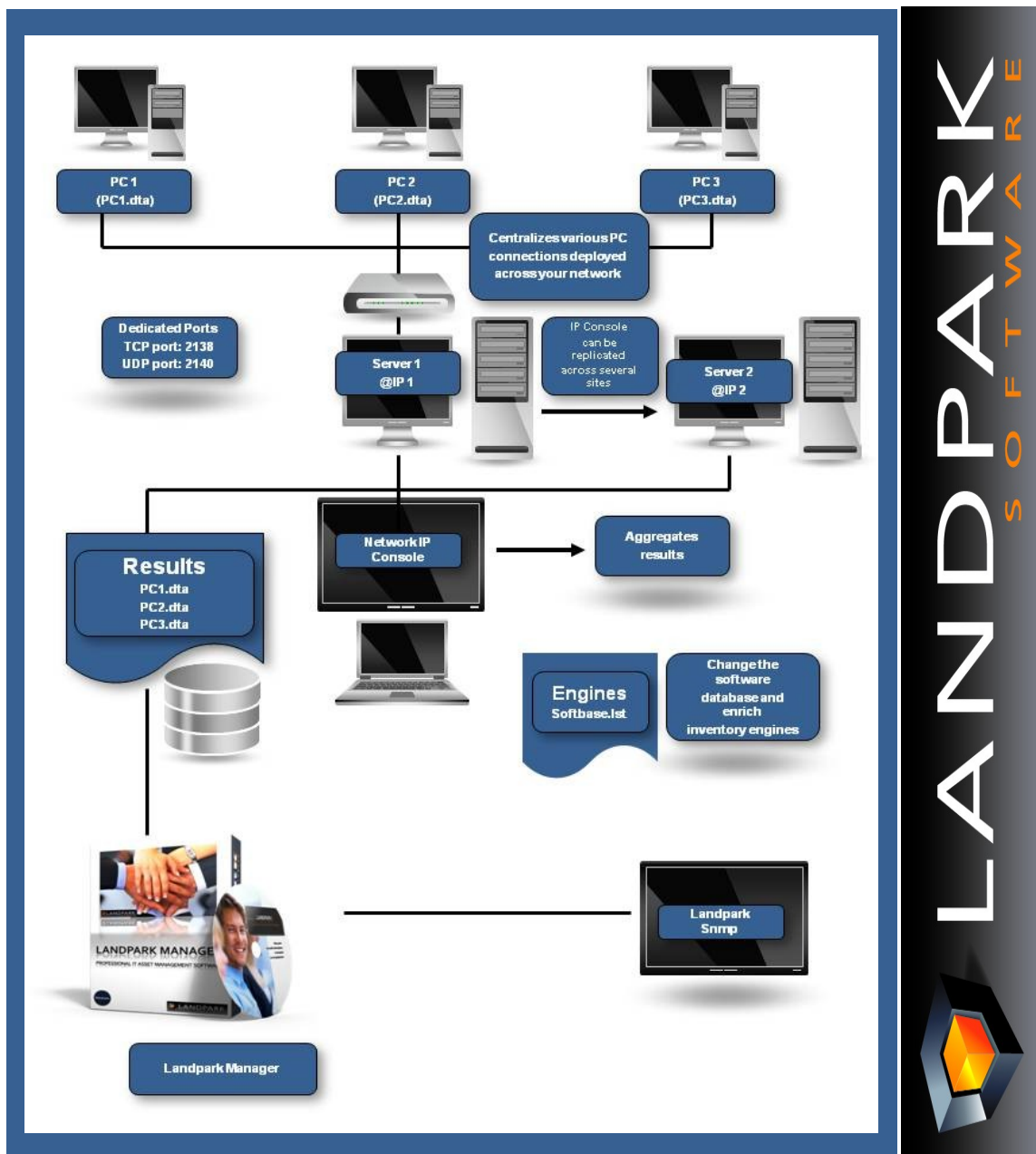
LANDPARK NETWORK IP ALLOWS YOU TO EASILY INVENTORY YOUR PC THROUGH THE NETWORK

Landpark NetworkIP is composed of three modules:

A server module that is installed on any workstation in the network. Either as an application, or as a service.
This module centralizes and manages inventory on PC.

A Client module that is deployed on PCs and connects to the server.

A Management Console module allows you to set and control the inventories.





1/ **Landpark Network Ip**: installation of an agent on client computers, with **Network IP Install** to deploy agents first throughout the network.

1. Landpark Network IP (with agents)

► **1/ Landpark Network IP Server** (launched automatically after installation and startup).

► **2/ Landpark Network IP Client** (launched automatically after startup).

► **3/ Landpark Network IP Console** (launched manually). To set up IP Console, enter the server's IP address, enter a TCP port, specify a folder where the inventory files are to be copied, and click "Connect". You should now see a list of connected clients, including:

A row for each client computer on which you will be able to launch inventory operations.



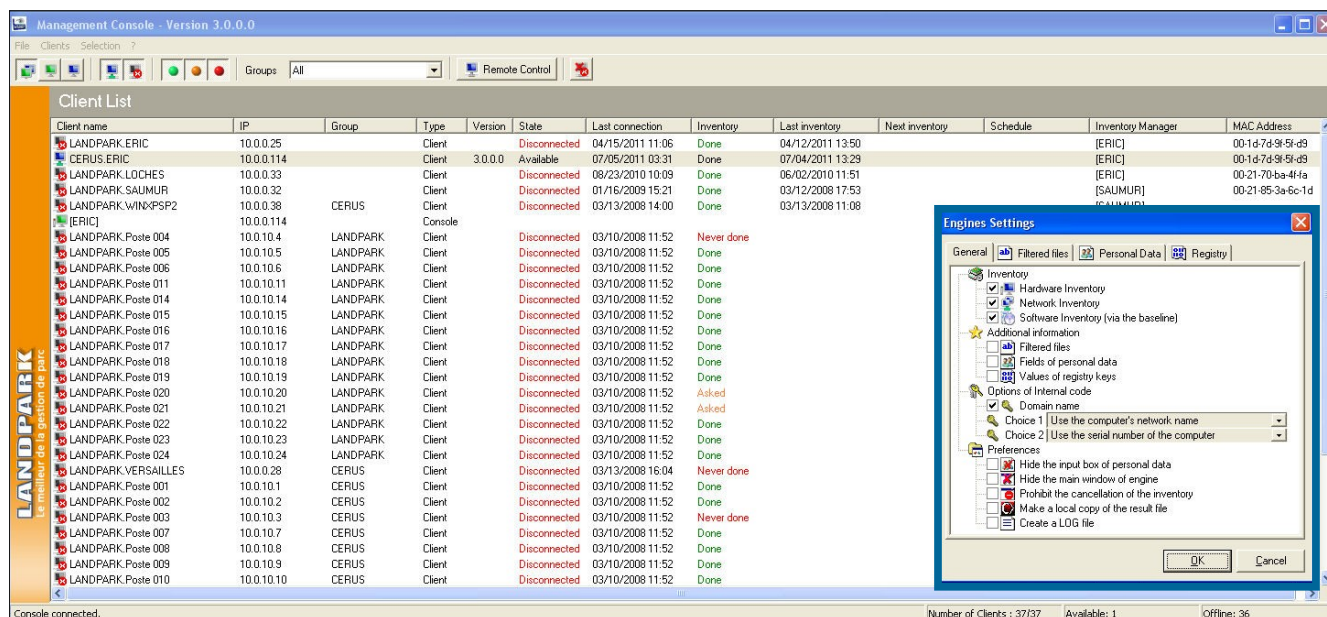
To install the services, you must open a command prompt and type the following command:
C:\Program Files\Cerus\Landpark\IP Clients\ParamClient.exe

This application generates a "paramclient.ini" file which must be copied to the folders where the 2 services are to be installed. To install the services you must run the executable file from a command prompt with the /install option:

Example C:\Program Files\Cerus\Landpark\IP Server\LplpServiceServer.exe /install

To uninstall the service, you must run the same command with the /uninstall option:

Example C:\Program Files\Cerus\Landpark\IP Server\LplpServiceServer.exe /uninstall



Notes :

1/ The client icon appears only if it managed to connect to the server.

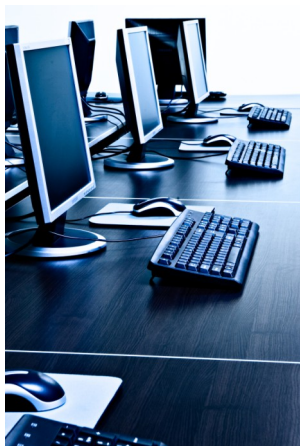
2/ If the icon does not show, the address of the server to which it tried to connect is probably incorrect. In this case, you can:

- Stop the client process by pressing CTRL-ALT-DEL, or by looking up the LplpClient process in order to shut it down,
- Open C:\program files \ cerus \ landpark \ IP clients \ paramclient.ini,
- Type Server's IP address on the first line, do not modify the second line
- Save your changes and restart the client from the Menu .

3/ The IP address allows the client and the console to connect to a server process running on the same computer. If you want to launch a client or the console on another workstation, you must specify the server's IP address.

4/ The client icon will not show if you choose to hide it by using the menu Client, Client Options, Secure Clients, hide Network IP Console icon.

5/ You can install as many clients as you wish: you may in fact deploy them on any number of workstations using a connection script.





1. Landpark IP Install (to install agents)

1. Prerequisites:

Windows 2000, Windows 2003 Server, Windows XP, Windows Vista
.NET Framework 2.0

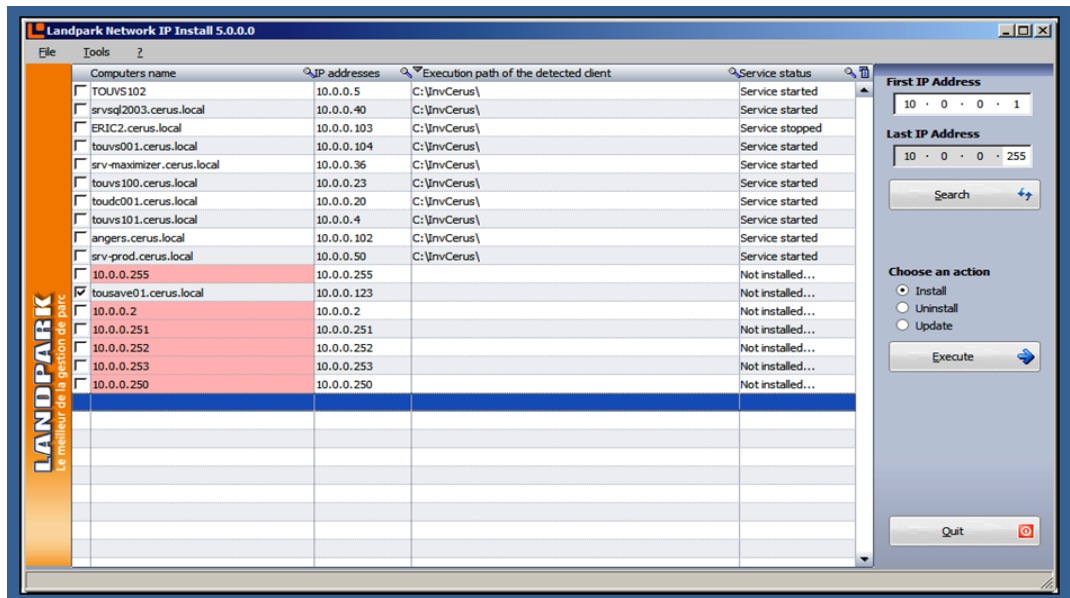
Getting started

1/ Run the **Search** action in order to scan IP Adresses through your network.

2/ **Install the agents** on selected PC's.

3/ Run the **Execute** command.

Important : If « **not installed** » is displayed in the last column, the software was unable to obtain any information from the listed computers. This type of message indicates a possible network security issue.



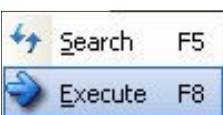
File menu



The file menu allows you to run the commands described below.

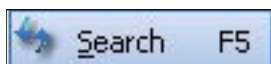
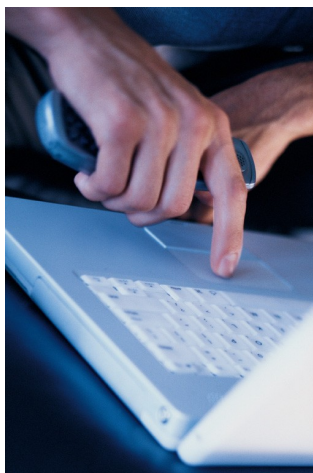
The export option saves the existing settings to a BAT file for later reuse.

Tools menu

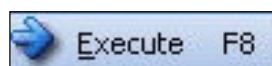


Possible actions are **Search** and **Execute**.





Runs the currently-selected command.



Initiates a network scan and refreshes your computer list, detecting IP client state for use during subsequent deployments. Because this feature takes time to execute (example : 2 minutes for 15 computers), it is recommended to run this command when network traffic is low. A gauge appears during the operation and disappears upon completion. Since the software needs to run a number of queries on every detected computer, the time required for such an operation depends on the time needed to execute all the queries.

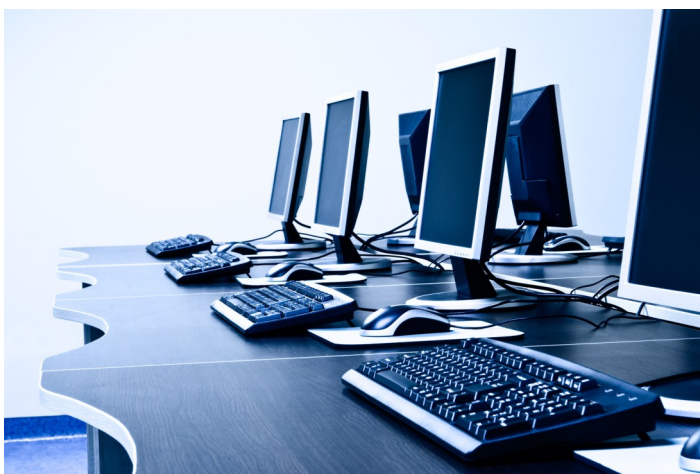
The application's settings panel lets you choose the folder where the deployment files are to be found, by using the « Browse » button. The deployment files are « **LpServiceIpClient.exe** » and « **ParamClient.ini** ».

Those files are located in the « IP clients » folder, which by default, points to: « C:\Program Files\Cerus\Landpark\IP Clients ».

Note : the previous folder must be shared.

The « **Administrator Account settings** » section is crucial for proper client deployment. A domain administrator account should be used for deployment operations.


The non-modifiable script placeholder allows you to view the script generated by Network IP.



Landpark IP Server



Landpark Network IP Server provides centralized access to inventory clients and manage inventories. It can be installed on any computer throughout the network, as long as its IP address is visible to all other network stations.

If the IP Server is installed as an application, the icon  appears next to the clock in the Windows taskbar to indicate that it is running.

If the IP server is installed as a Microsoft service, and no icon is displayed to stop the server IP you must go to the Windows Service Manager and stop the service **Landpark Network IP Server**.

The Landpark IP Network Client establishes a connection between the station that is installed and the IP Network Server Landpark.

If Client IP is installed as an application, the icon  appears next to the clock in the Windows taskbar to indicate it is running.

If Client IP is installed as a Service Microsoft, no icon is displayed. To stop the Client IP, go into the Windows Service Manager and stop the **IP Network Customer Service Landpark**.

Landpark IP Client

Landpark Network IP uses TCP / IP to function.

The various modules Landpark Network IP are using ports:

- 2138 TCP
- 2140 UDP

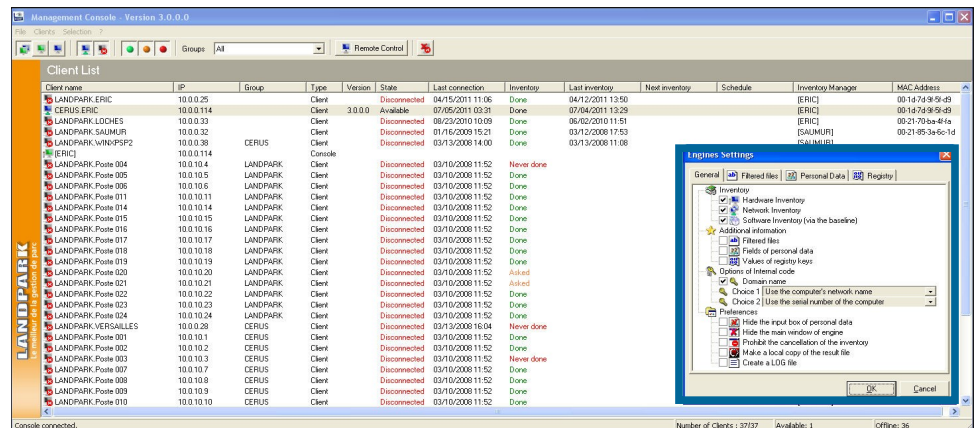
to exchange information

If in the Console IP you have enabled security for customers, asking to enter a password before stopping the client will request the entry of the password

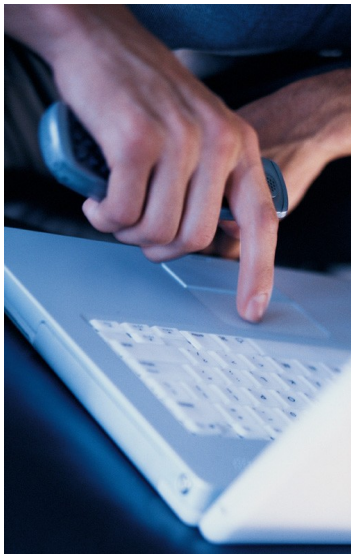
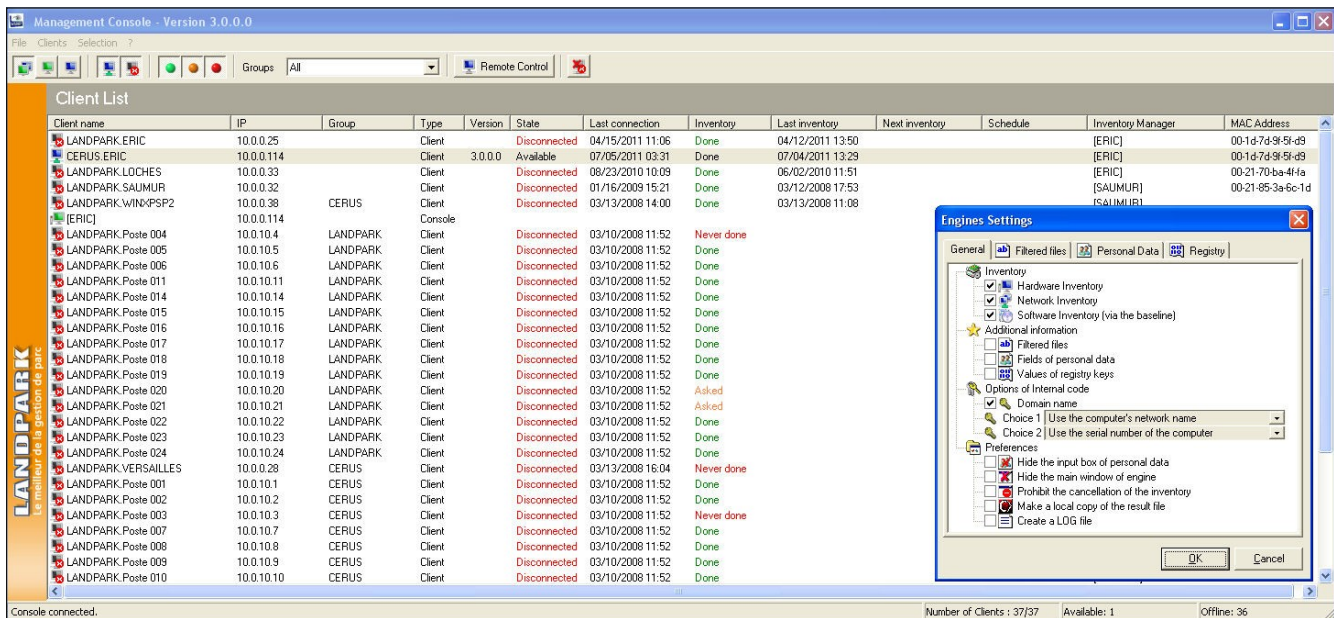


Landpark IP Console

Administration console that allows you to configure and control inventories



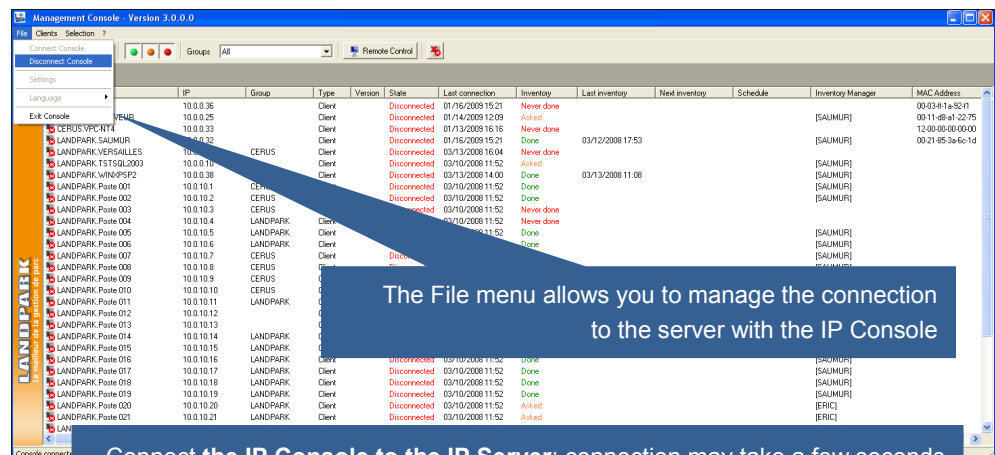
Landpark IP Console



Landpark **Network IP Server** is the Landpark **Network IP Console** application used to set and request inventories.

IP Console is not a priority in the treatment of connection at the Server IP. Refreshing screen may be not synchro if it takes a lot of inventories at the same time.

The data displayed in the IP Console is saved at the time of stopping the Server IP into the Server.ini file in the IP Server directory.



Connect the IP Console to the IP Server: connection may take a few seconds the time that the **Console IP** address is known to the Server IP

Disconnect the Console IP to the IP Server: disconnection may take a few seconds, the time that the IP Console indicates to the IP Server it stops

Management Console - Version 3.0.0.0

File Clients Selection ?

Wake client
Start "Disconnected" Clients
Start inventory
Inventory settings
Scheduled inventories
Manage Groups
List view
Client Options

Groups: All Remote Control

IP	Group	Type	Version	State	Last connection	Inventory	Last inventory	Next inventory	Schedule	Inventory Manager	MAC Address
10.0.0.36		Client		Disconnected	01/16/2009 15:21	Never done					00-03-#1a-92-11
10.0.0.25		Client		Disconnected	01/14/2009 12:09	Asked					00-11-d8-a1-22-75
10.0.0.33		Client		Disconnected	01/13/2009 16:16	Never done					12-00-00-00-00-00
10.0.0.32		Client		Disconnected	01/16/2009 15:21	Done	03/12/2008 17:53			[SAUMUR]	00-21-85-3a-6c-1d
10.0.0.28		Client		Disconnected	03/13/2008 16:04	Never done					
10.0.0.10	CERUS	Client		Disconnected	03/10/2008 11:52	Asked				[SAUMUR]	

Engines Settings

General **Filtered files** Personal Data Registry

Inventory

- ☒ Hardware Inventory
- ☒ Network Inventory
- ☒ Software Inventory (via the baseline)

Additional information

- ☐ Filtered files
- ☐ Fields of personal data
- ☐ Values of registry keys

Options of Internal code

- ☒ Domain name
- Choice 1 Use the computer's network name
- Choice 2 Use the serial number of the computer

Preferences

- ☐ Hide the input box of personal data
- ☐ Hide the main window of engine
- ☐ Prohibit the cancellation of the inventory
- ☐ Make a local copy of the result file
- ☐ Create a LOG file

OK Cancel

Hardware inventory: inventory of equipment carried on this PC (HDD motherboard, etc.)

Network Inventory: networks information (network protocol, IP addresses, etc.)

Software Inventory: Inventory software detected on the pc compared to the software database

Filtered files: To back up files list with a particular extension (10 extensions)

Engines Settings

General **Filtered files** Personal Data Registry

(Maximum 10 characters)

Filter #1 : *.doc

Filter #2 : *.bmp

Filter #3 : *.mp3

Filter #4 : *

Filter #5 : *

Filter #6 : *

Filter #7 : *

Filter #8 : *

Filter #9 : *

Filter #10 : *

OK Cancel

Engines Settings

General **Filtered files** Personal Data Registry

Inventory

- ☒ Hardware Inventory
- ☒ Network Inventory
- ☒ Software Inventory (via the baseline)

Additional information

- ☒ Filtered files
- ☐ Fields of personal data
- ☐ Values of registry keys

Options of Internal code

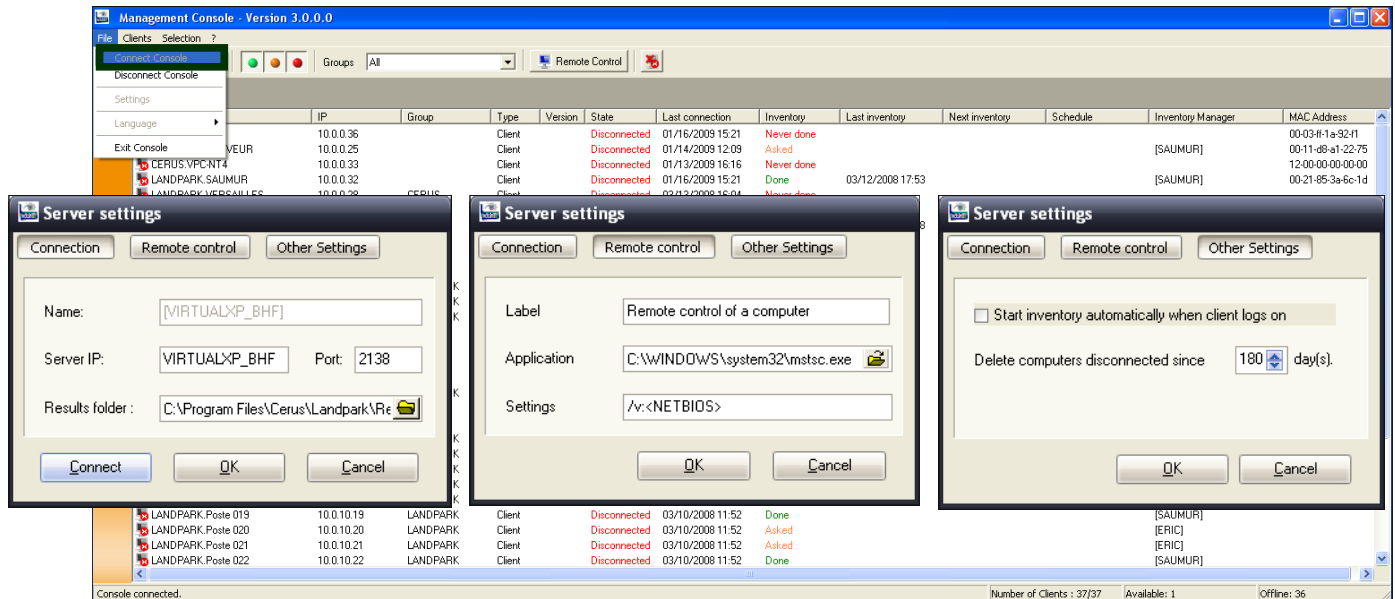
- ☒ Domain name
- Choice 1 Use the computer's network name
- Choice 2 Use the serial number of the computer

Preferences

- ☐ Hide the input box of personal data
- ☐ Hide the main window of engine
- ☐ Prohibit the cancellation of the inventory
- ☐ Make a local copy of the result file
- ☐ Create a LOG file

OK Cancel

Setting Console



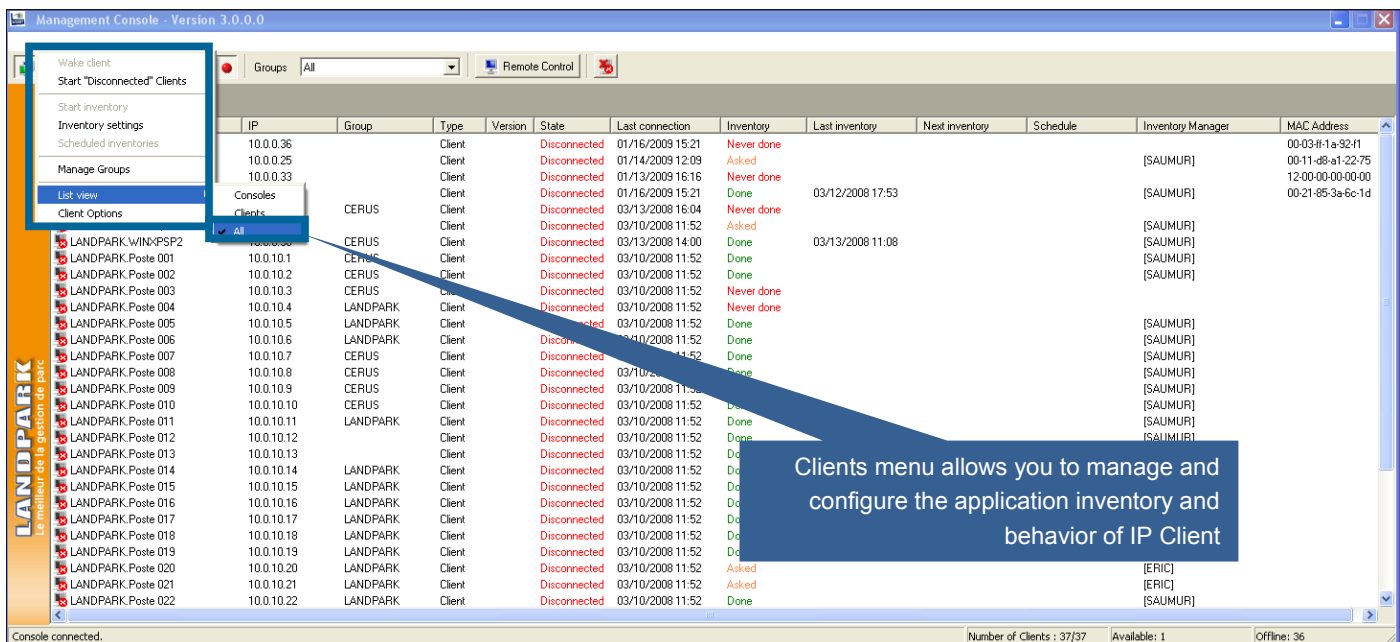
Allows you to enter the IP address of the server on which the application should connect. Once the address is entered:

Connection

Click to close the window and connect to the IP Console Server IP

OK

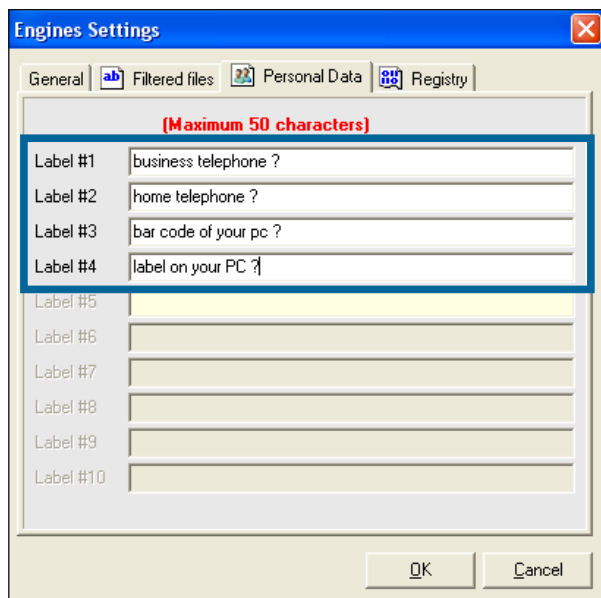
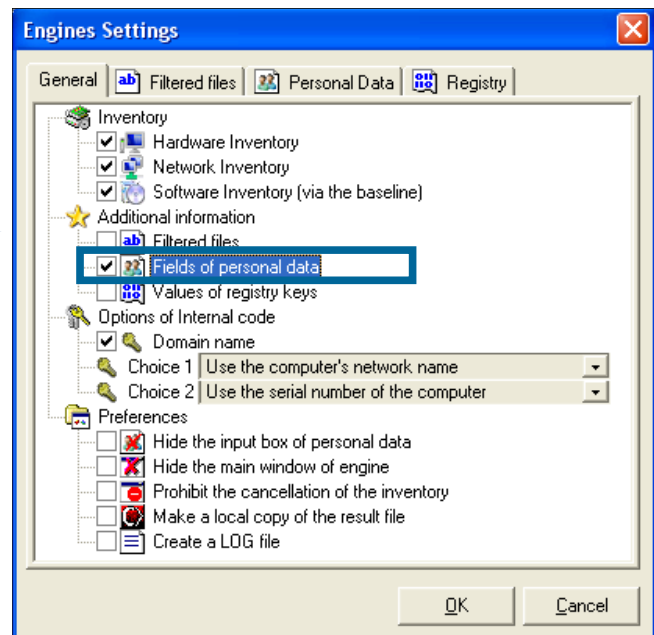
Click to close the window without connecting IP Console



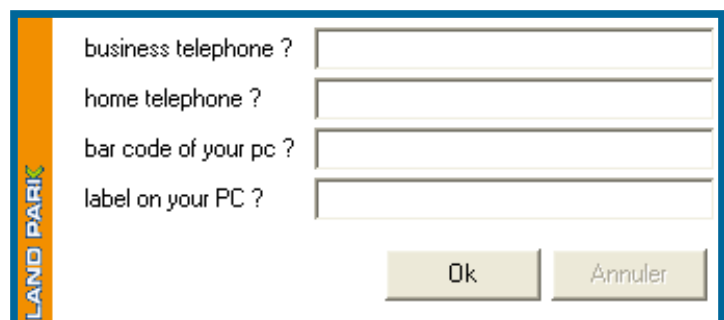
Setting engine inventory

You can enter up to 10 questions to be asked to the user

The answer to these questions is stored locally on the PC in the file Userdata.nfo



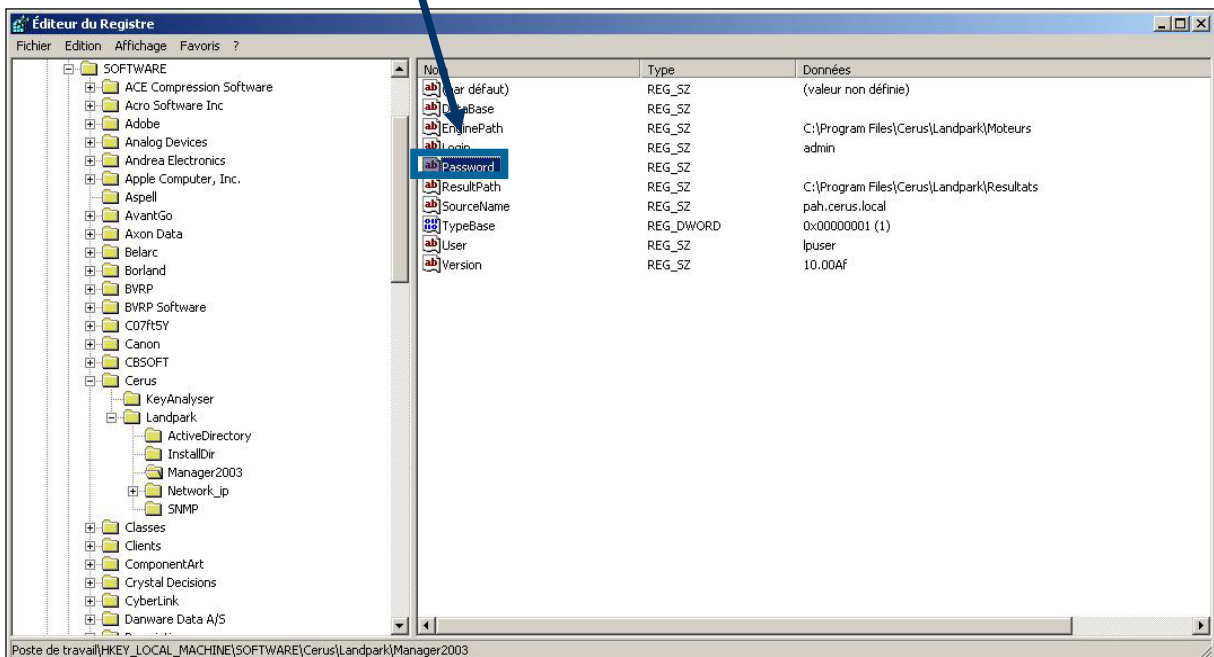
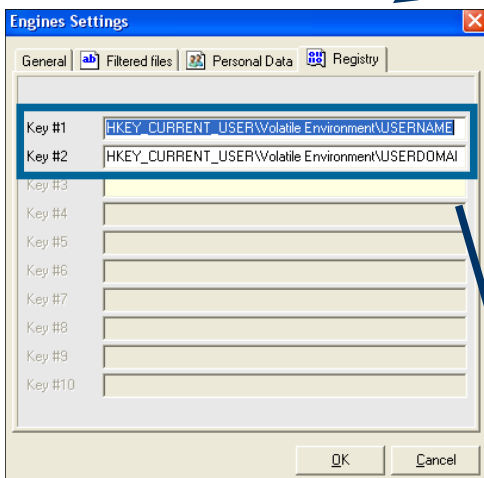
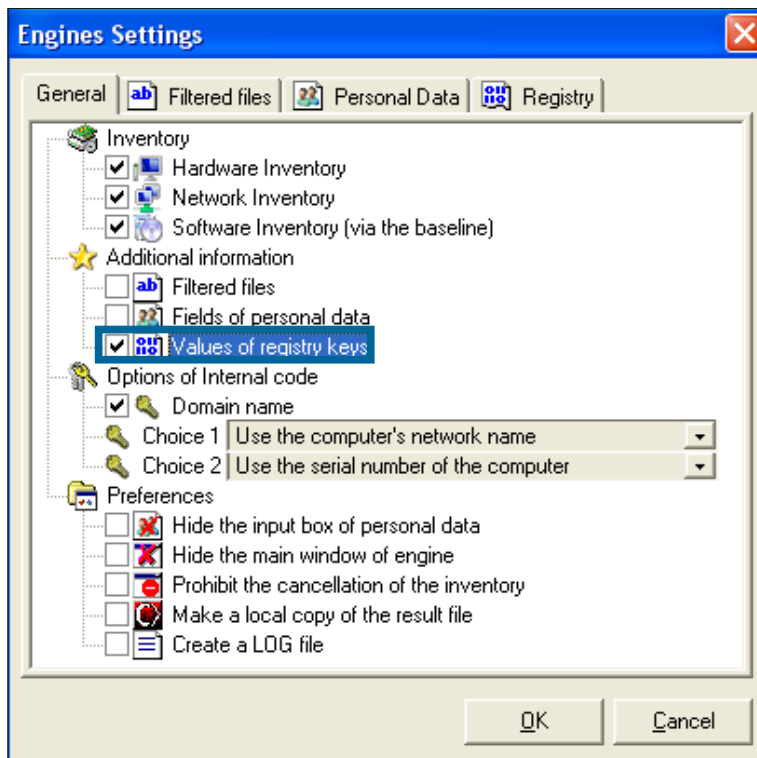
Windows will open on the client during the inventory and he will ask the following questions



Setting engine inventory

Registry keys values: used to go up 10 registry keys in text format. These data will be displayed in Landpark

Each key is the full path of the value to rise (Path + value)



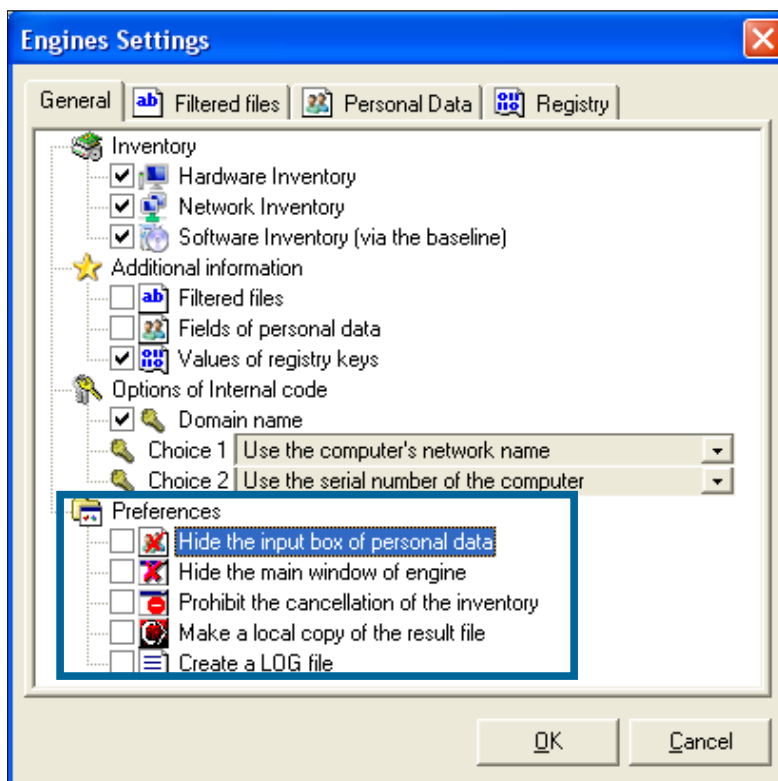
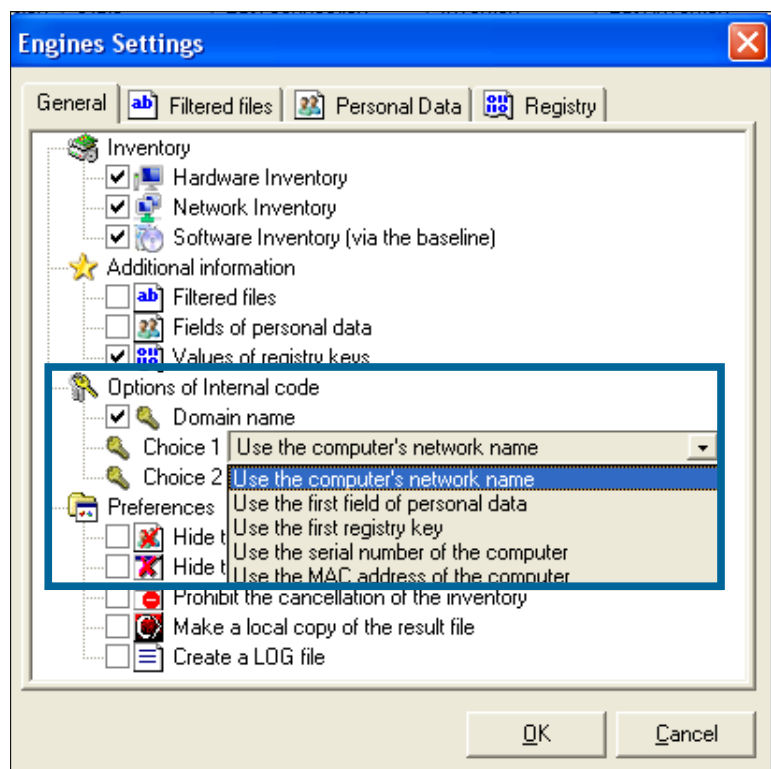
Use the computer's network name: default is the netbios name of the machine which is used as an identifier Landpark

Use the first field of personal data: you can ask the engine inventory to use as an identifier the value entered in answer to personal data

Use the first registry key: you can ask the engine inventory to use as an identifier the value of the first registry key

Use the serial number as the first key or second key for example

Adding the domain name if the box is checked



Hide the input of personal data: application to the engine not to display the input of personal data. Be aware that you can select this option from the start, because if the engine can not find locally on the computer, the file Userdata.nfo, it does not account for this application is the window displays.

Hide the main window of the inventory engine: when the console performs an inventory, it displays a window showing the progress of the inventory. This option does not display this window.

Prohibit the cancellation: is used to prevent the cancellation of an inventory, if you left the windows visible inventory, and force the user to fill in the fields or personal data.

Copy the resulting file locally: when you start an inventory, it can request that the result is copied locally at the C:\ root

Create a LOG file: to ask the inventory to generate a log file showing the inventory. This allows us if necessary, to understand why an inventory is not performed correctly.

IP	Group	Type	Version	State	Last connection	Inventory	Last inventory	Next inventory	Schedule	Inventory Manager	MAC Address
10.0.10.4	LANDPARK	Client		Disconnected	03/10/2008 11:52	Never done				[SAUMUR]	
10.0.10.5	LANDPARK	Client		Disconnected	03/10/2008 11:52	Done				[SAUMUR]	
10.0.10.6	LANDPARK	Client		Disconnected	03/10/2008 11:52	Done				[SAUMUR]	
10.0.10.7	CERUS	Client		Disconnected	03/10/2008 11:52	Done				[SAUMUR]	
10.0.10.8	CERUS	Client		Disconnected	03/10/2008 11:52	Done				[SAUMUR]	
10.0.10.9	CERUS	Client		Disconnected	03/10/2008 11:52	Done				[SAUMUR]	

Landpark IP Network allows you to planify your inventory in an automated way

When planning an inventory, the planning date is the date from which the inventory will be asked

Note:

If the PCis not on the date scheduled, it will be the next connection

When multiple rows are selected, their planning is applied to all

Inventory Scheduling

☐ No scheduled tasks

☒ **At fixed dates**

septembre 2011

29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Aujourd'hui : 12/09/2011

Time

Start at 18:46 Time

☐ **At regular intervals**

☐ Every [dropdown]

☐ Every 10 day(s)

☐ Every 1 of the month

Scheduled tasks Cancel

To schedule an inventory at a fixed date:

Double-click on the date or you want to inventory. Optionally click the buttons or to navigate into the calendar

Start at 18:46 Time

Scheduled tasks Schedule information from which the inventory will be required

Click to validate the planning



Inventory planning

To schedule an inventory on a regular basis every N days of the week:

Select at regular intervals

Select from the combo list the day you want to inventory

Select the time at which the inventory should start

Inventory Scheduling

☐ No scheduled tasks

☒ **At fixed dates**

☐ **At regular intervals**

septembre 2011

lun.	mar.	mer.	jeu.	ven.	sam.	dim.
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Aujourd'hui : 12/09/2011

Time

Start at 22:52 Time

Scheduled tasks Cancel

To schedule an inventory on a regular basis every N days:

Select at regular intervals

Enter the number of days between two inventories

Select the time at which the inventory should start

Inventory Scheduling

☐ No scheduled tasks

☒ **At fixed dates**

☐ **At regular intervals**

septembre 2011

lun.	mar.	mer.	jeu.	ven.	sam.	dim.
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Aujourd'hui : 12/09/2011

Time

Start at 22:52 Time

Scheduled tasks Cancel

To schedule an inventory on a regular basis all N of the month:

Select at regular intervals

Enter the day you want to inventory

Select the time at which the inventory should start

Inventory Scheduling

☐ No scheduled tasks

☒ **At fixed dates**

☐ **At regular intervals**

septembre 2011

lun.	mar.	mer.	jeu.	ven.	sam.	dim.
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Aujourd'hui : 12/09/2011

Time

Start at 22:52 Time

Scheduled tasks Cancel

Options

Management Console - Version 3.0.0.0


File Clients Selection ?

Wake client
Start "Disconnected" Clients
Start inventory
Inventory settings
Scheduled inventories
Manage Groups
List view
Client Options

Groups: All Remote Control

IP	Group	Type	Version	State	Last connection	Inventory	Last inventory	Next inventory	Schedule	Inventory Manager	MAC Address
10.0.0.36		Client		Disconnected	01/16/2009 15:21	Never done					00-03-f1-92-f1
10.0.0.25		Client		Disconnected	01/14/2009 12:09	Asked				[SAUMUR]	00-11-48-a1-22-75
10.0.0.33		Client		Disconnected	01/13/2009 16:16	Never done					12-00-00-00-00-00
10.0.0.32		Client		Disconnected	01/16/2009 15:21	Done	03/12/2008 17:53			[SAUMUR]	00-21-85-3a-6c-1d
10.0.0.28	CERUS	Client		Disconnected	03/13/2008 16:04	Never done					
10.0.0.10		Client		Disconnected	03/10/2008 11:52	Asked				[SAUMUR]	

By checking the option ☒ you switch to safe mode to prevent the PC user to stop the inventory

You can hide the icon  in the taskbar
Select the hide client icons

Request a password to shutdown client processes

Check request a password to shutdown client processes and entering the password

Note:

Password never communicated to the Client IP

It is the IP Client that request validation of the password entered on the computer

Client locking

☒ Lock clients

☐ Hide client icons

☐ Request a password to shutdown client processes

Password:

OK

Cancel

Client locking

☒ Lock clients

☐ Hide client icons

☒ Request a password to shutdown client processes

Password:

OK

Cancel



Group management

Management Console - Version 3.0.0.0

File Clients Selection ?

Wake client
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Groups: All Remote Control

IP	Group	Type	Version	State	Last connection	Inventory	Last inventory	Next inventory	Schedule	Inventory Manager	MAC Address
10.0.0.36		Client		Disconnected	01/16/2009 15:21	Never done					00:03:41-a9:21:11
10.0.0.25		Client		Disconnected	01/14/2009 12:09	Asked					00:11-d9-a1-22:75
10.0.0.33		Client		Disconnected	01/13/2009 16:16	Never done					12:00-00:00:00:00
10.0.0.32		Client		Disconnected	01/16/2009 15:21	Done	03/12/2009 17:53			[SAUMUR]	00:21-85-3a-6c-1d
10.0.0.28	CERUS	Client		Disconnected	03/13/2009 16:04	Never done					
10.0.0.10		Client		Disconnected	02/10/2009 11:53	Asked				[SAUMUR]	

In the IP Console, it is possible to combine PCs to give you the opportunity to plan and identify a group of stations in a single action

Create a group allows you to add a group from the list

To rename a group allows you to edit the text in the selected group

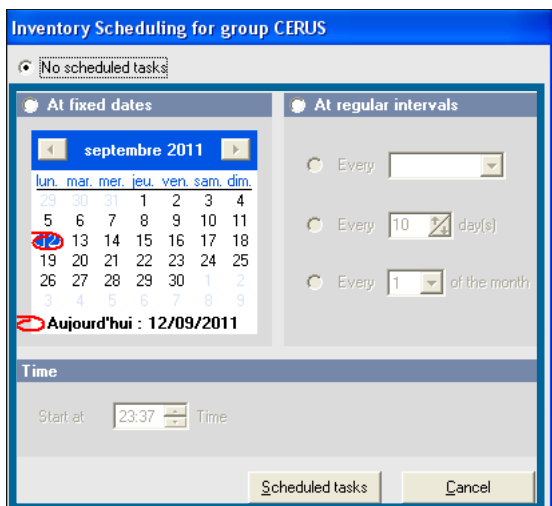
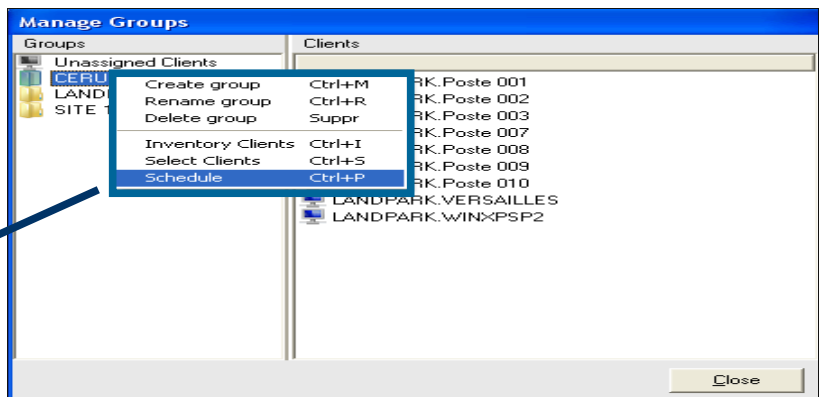
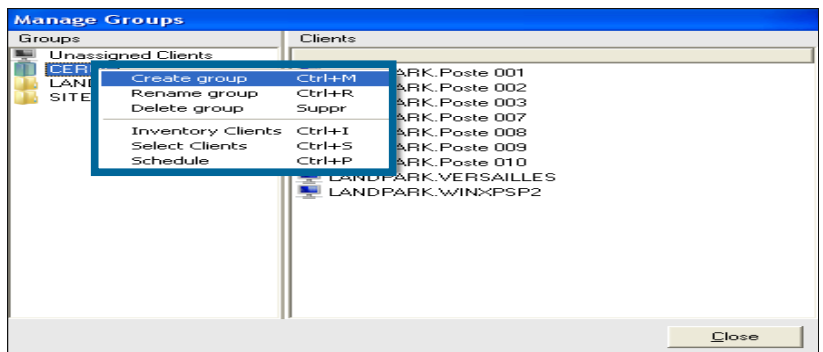
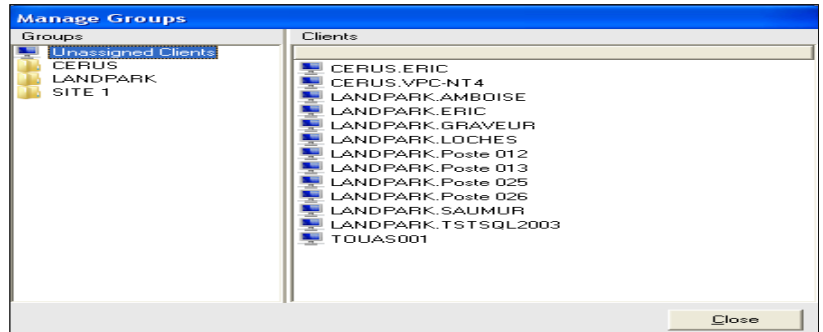
To delete a group: you can delete the selected group

To inventory: demand inventory of all my clients associated to this group

To select: selects all clients associated to this group

To planify: applies the same schedule to all clients of the selected group

By default there is a not assigned client group where you store all clients who are not assigned to any group. To assign one or more clients to a group, simply select one or more clients and move them to the selected group



Schedule a group of clients

Tools



Start to import inventory results

Setting is divided into 3 parts :

1 - Import settings



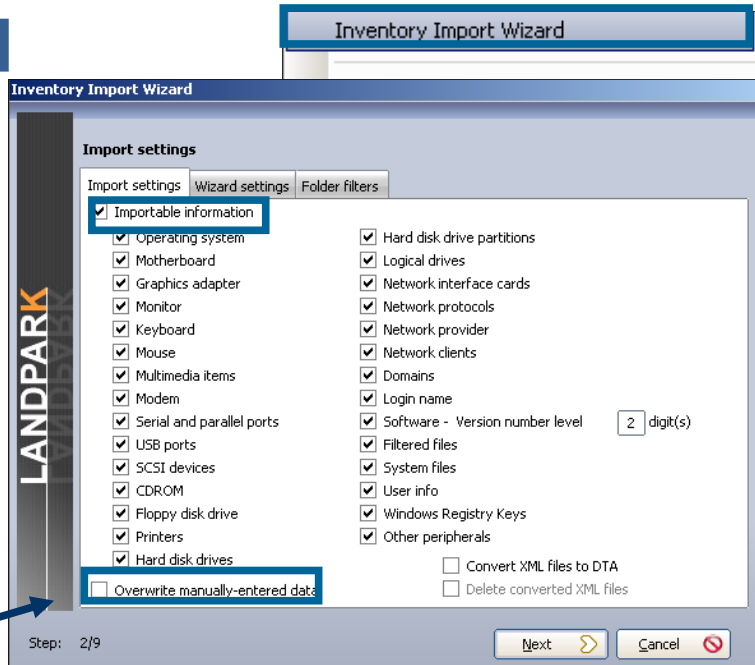
The import setting tab allows you to set data that you wish to import into the database. By default, the wizard is designed to import all data in the database.

By selecting importable information, you can tell the software what data you wish to import.



When importing, especially when updated data the wizard is designed to not overwrite data that you have manually edit before into the database. Nevertheless, it may be necessary to reimport complete data of a PC regardless of changes you would have made.

By checking the Overwrite manually-entered data you ask the software to overwrite data during import.

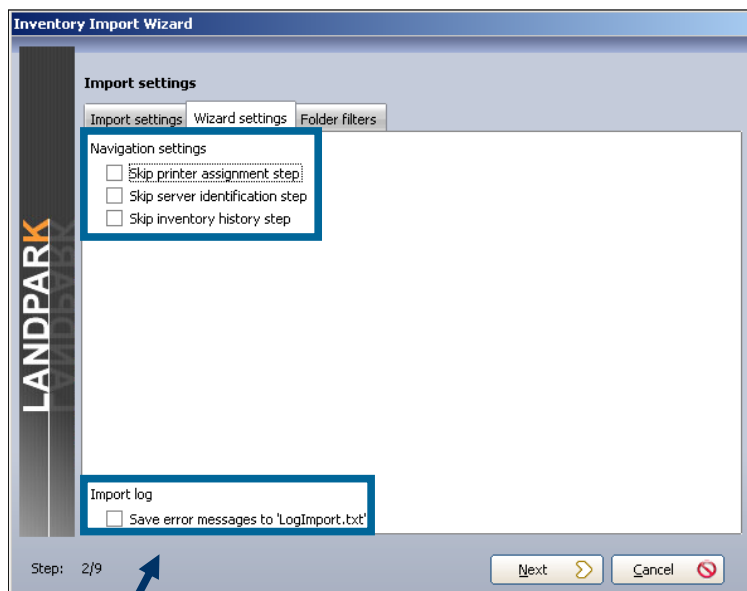


2 - Wizard settings

Skip printer assignment step: If you decided to import printer drivers, you can start this wizard connect the driver to a physical printer. Which will allow you to consult this printer from the PC form into the "Connection" tab.

Skip server identification step: during inventory nothing differentiates a workstation from a server. The wizard allows you to specify, among new PCs imported items, which are server type.

Skip inventory history step: At the end of the Inventory, the wizard displays a page containing the information about PCs where one or more data has changed. This option disables this page.



Save error messages to "LogImport.txt": This option forces the wizard to save any import errors in a log file to not disrupt the sequence import. This can help start importing a large number of inventory results without being interrupted by an error on a single post.

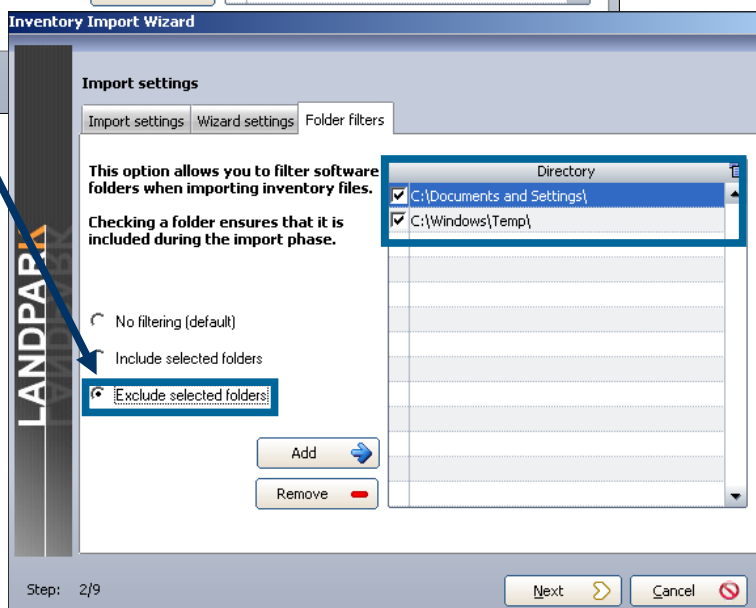
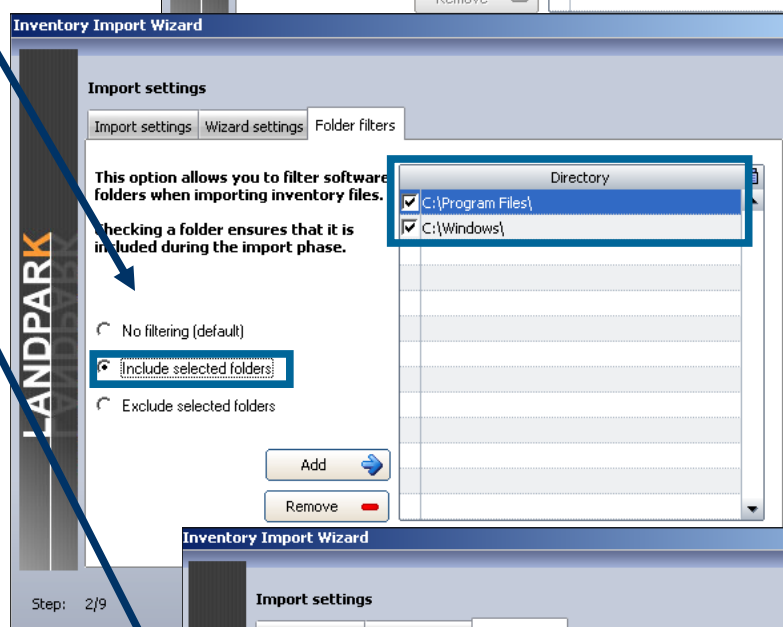
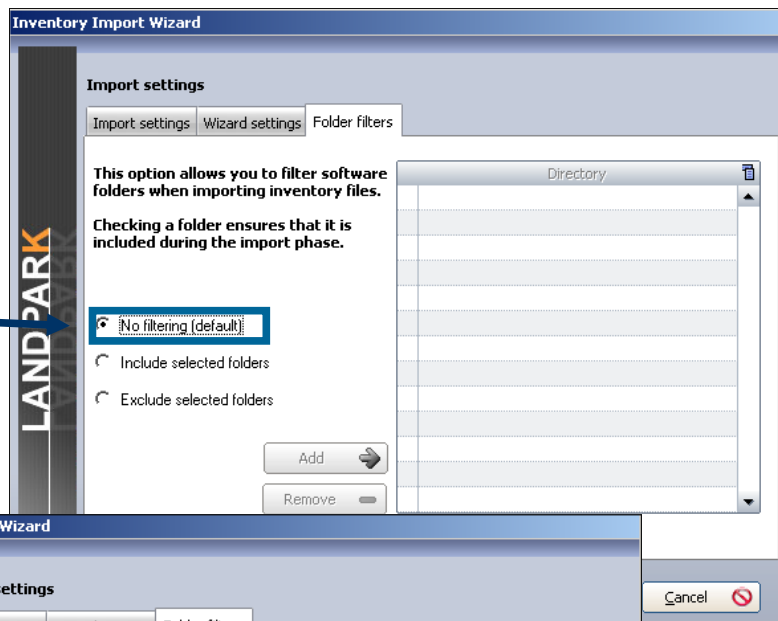
3 - Filtering files settings

This option allows you to filter software folders when importing inventory files.
Checking a folder ensures that it is included during the import phase.

No filtering

Include selected folders

Exclude selected folders



The results files are by default stored in the directory
 ".. \ Results" of your
 installation directory.

If you are using Landpark
 NetworkIP consol to man-
 age your inventory and if
 this consol is installed on
 another PC than Landpark
 Manager, you must tell the
 wizard the import directory
 ".. \ Results" located on the
 same PC that hosts
 NetworkIP consol.

Make a selection on PCs to
 import or to update.

Knowing that by default the
 wizard automatically checks
 the PCs to import or to up-
 date, based on the last date
 of the inventory stored into
 the database

Locate PCs to import for the
 first time



During the inventory, the inven-
 tory engines identifies both
 printer drivers as "local" and
 "network".

This step allows you to make the
 connection between the network
 printers pilot (left list) and the
 physical printer (right list) by
 clicking the button.

Inventory does not distinguish between workstations and servers, this is for you to tell the wizard among new imported PCs (left list) which are the servers (list of right). Select them and use the button to pass one or more PCs to the right side.



Inventory Import Wizard

Server selection

Select one or more computers that need to be marked as servers. Click 'Transfer' to complete operation.

List of imported computers
BLOIS
CHAMBORD
SAUMUR
STRASBOURG
VERSAILLES
VILLANDRY
YAN

Add
Remove

Server list

Transfer

Step: 7/9

Next Cancel

Import the technical differences between the two inventories in order to update the database

Inventory Import Wizard

Inventory history

Updated computer: PC-EXEMPLE

Elements
Data added
BIOS Informations
CD-ROM Player
File System
Hard Disk Drive
IP Address
Logical Drive
Memory
Mouse
Multimedia Devices
Network Protocol
Operating System
Partition
Ports
Printer
Processor

Details
Description : RAS 1 RAS 0
Type : DIMM SDRAM
Taille : 256 MB
Description : RAS 3 RAS 2
Type : DIMM SDRAM
Taille : 256 MB
Description : RAS 5 RAS 4
Type : Unknown
Taille : Not Installed
Designation mémoire : RAS 5 RAS 4
Type mémoire : Unknown
Taille mémoire : Not Installed

☐ Display system file contents

Step: 8/9

Next Print

