



Whitepaper Operating Systems

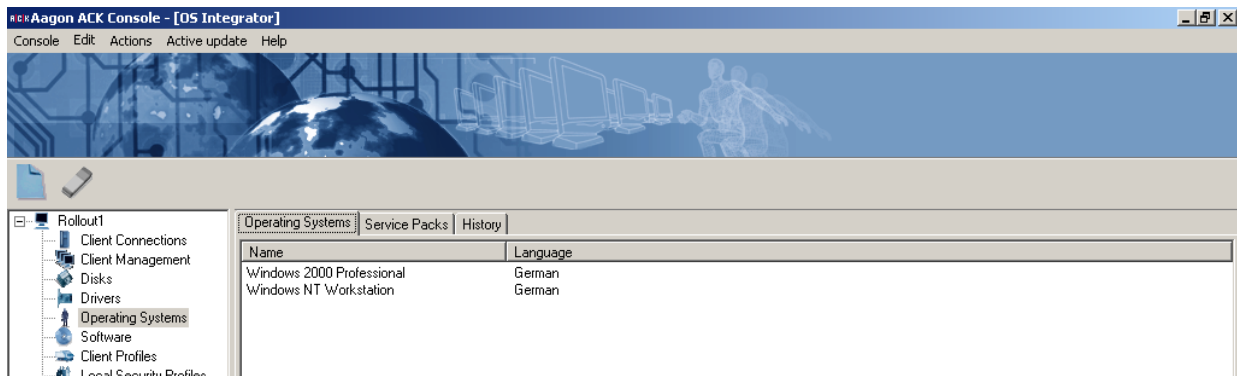
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1. ACK Operating Systems




In order that you can install operating systems on your PCs, these have to be integrated into ACK first.

The *Operating Systems* program will help you do this. It makes sure, that the installation data for the particular operating systems as well as the servicepacks are integrated into ACK. And you don't even need to limit yourself to just one operating system, either. As long as your hard drive has enough space, you can integrate any operating system supported by ACK and you can even do this with different languages.

1.2 Overview Operating Systems

In order to integrate or to delete operating systems and service packs, just start the *Operating Systems* program.

If you have just started the *Console*, either select in the right-hand window *Operating Systems* icon  .

After starting the program you will see three tab sheets in the right-hand window of the Console:

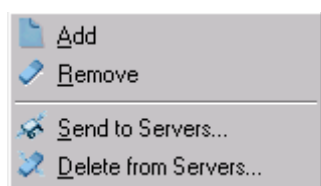
- *Operating Systems*
- *Servicepacks*
- *History*

The *Operating Systems* tab sheet is active. The other programs can be accessed by clicking on the appropriate tab sheet.

1.2.1 Menu and context menu

Besides *Console*, *Actions*, *Active update* and *Help* you also have the *Edit* Menu available for your use, in which you will also find the submenus *Add* and *Remove*.

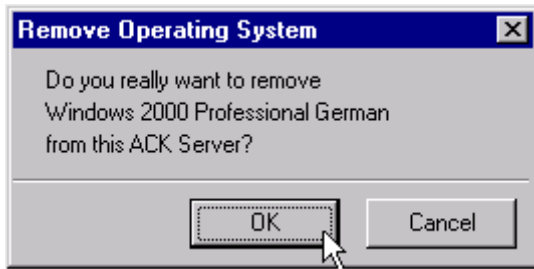
In order to access the Context Menu, please select an operating system from the *List* and click on the right mouse key. This will open the Context Menu for you, which will look like this:



Using *Add* you can add an operating system.

In order to remove an operating system, you have to mark it in the *List* first and then select *Remove*.

The following security prompt will appear,

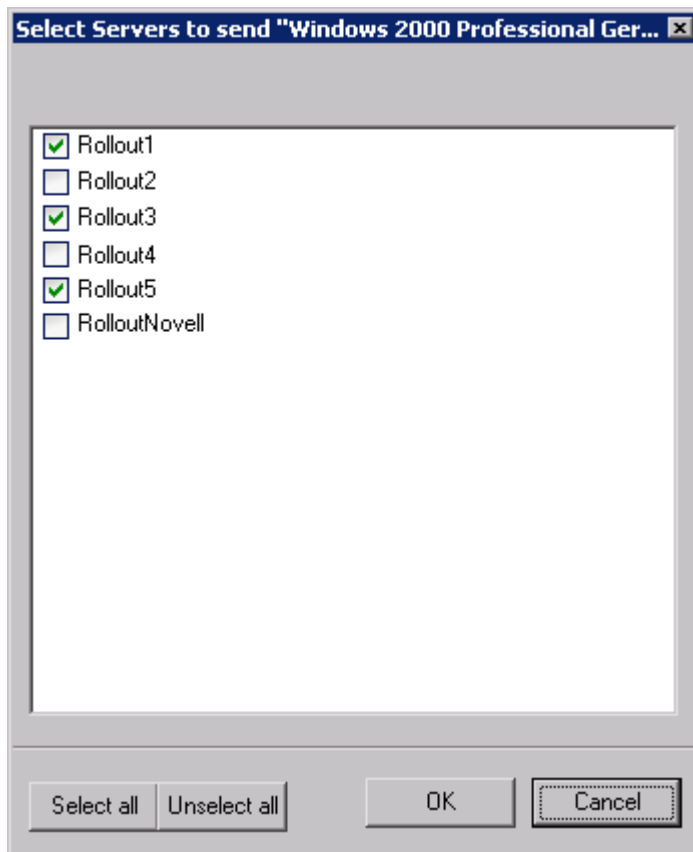


which you need to confirm with *OK*, in order to finally remove the operating system. With *Cancel* your choice will be discarded and the operating system will not be removed.

With *Send to Servers...* you can send operating systems to other Rollout Servers. Mark the desired operating system using the mouse and select *Send to Servers...* in the Menu or the Context Menu.

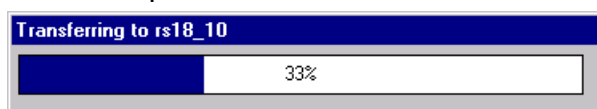
Send to Servers ...

Just select the Server(s) upon which the operating system and/or the servicepack shall be copied to ...



... and confirm with *OK*.

The consequential transfer can be monitored on your screen:

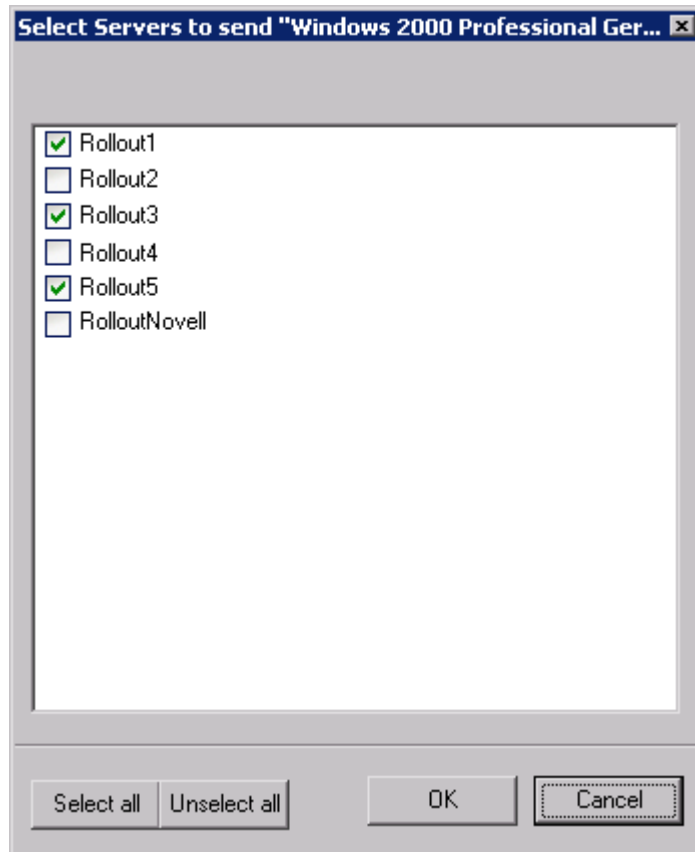


If you change your mind, you can abort the process using *Cancel*.

Using *Delete From Servers...* you can remove operating systems from other Rollout Servers. Mark the desired operating system using the mouse and select *Delete from Servers...* in the Menu or the Context Menu.

Delete from Servers ...

Just select the server(s) from which you want to delete the operating system and/or service pack ...



... and confirm with *OK*.

If you change your mind, you can abort simply by clicking on *Cancel*.

1.2.2 Icons

The icons look like this and have the following meanings:



New



Remove


1.2.3 List

The *List* consists of the columns *Name* and *Language*.

Here you will find the description and the language of the operating systems, which have already been integrated.

1.3. Adding Operating Systems

1.3.1 Browse

By clicking the Icon  right beside the input select the source path, in which the desired operating system is located.

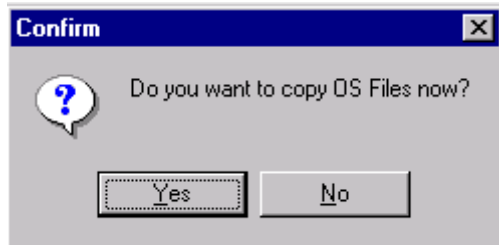
After you have selected the path, *Operating System*, *Language* and *Installation Path* will be automatically displayed.

1.3.2 Cancel

With *Cancel* you will discard all entries you made, and return to the overview screen.

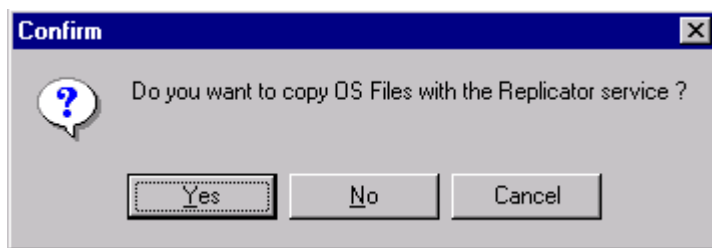
1.3.3 Ok

If you confirm with OK, the following message will appear:



With *Yes* the integration will be continued, with *No* you will abort the integration.

If you have selected *Yes*, the following message will appear:



With *Yes* the operating system will be integrated and the operating system files will be copied with the Replication Service to the Rollout Server. You can follow the process progress on the progress bar. Afterwards the program will automatically return to the overview screen.

With *No* only the required entries will be made for the integration, and the operating system will **not** be copied to the Rollout Server.

This is especially useful, if the Rollout Server is connected to the Master Server only through an ISDN line. You can copy the operating system locally, e.g. from a CD onto the Rollout-Server. Start the *console.exe* program on the Rollout-Server in directory [DRIVE]:\[Rollout-Server-Name]\bin. Open the *Operating Systems* program, mark the operating system in the list using the mouse, that shall be integrated, and select the menu item *Copy OS Files...* in the Menu or the Context Menu. Another screen will open that looks the same as the one you just had. How to continue from here, you can read under the *Browse* section on the previous page.

With *Cancel* you will discard the entries you made and return to the overview screen.

2. Servicepacks

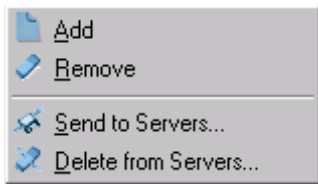
2.1 Overview Servicepacks

In order to insert the *Servicepacks* click on the appropriate tab sheet.

2.1.1 Menu and context menu

Besides *Console*, *Actions*, *Active update* and *Help* you also have the *Edit* Menu available for your use, in which you will find the submenus *Add* and *Remove*.

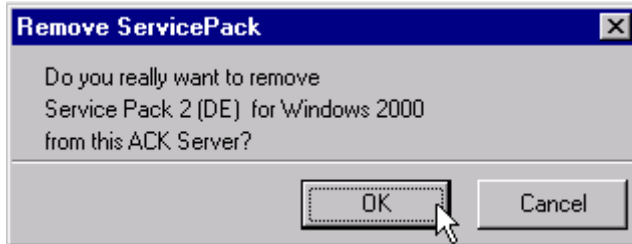
In order to access the Context Menu, please select a service pack from the *List* and click on the right mouse key. This will open the Context Menu for you, which will look like this:



Using *Add* you can integrate Service Packs.

In order to remove a Service Pack, you have to mark it in the *List* first and then select *Remove*.

The following security question will appear,



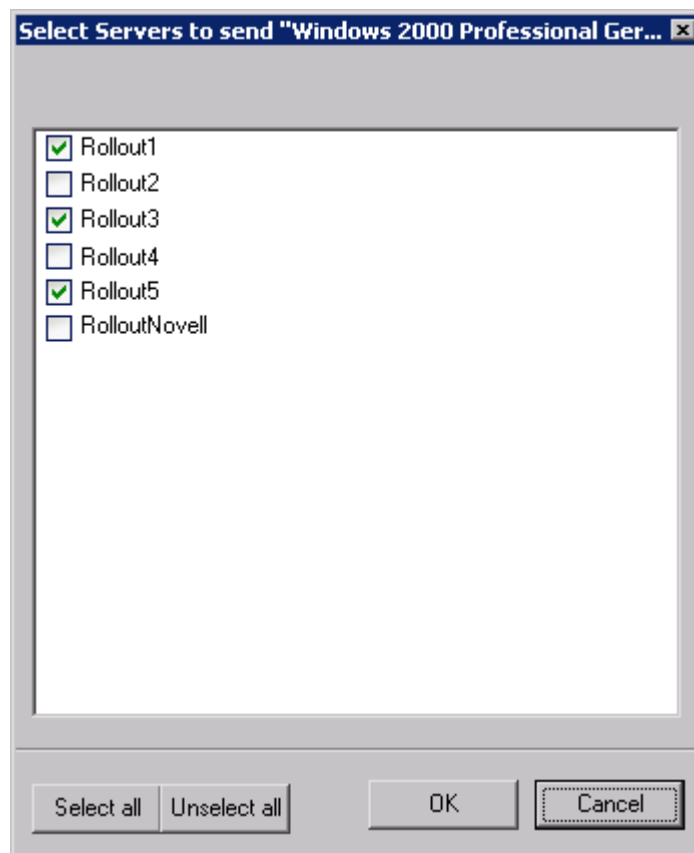
which you have to confirm by clicking on *OK*, in order to finally remove the desired Servicepack.

With *Cancel* your choice will be discarded and the Servicepack will not be removed.

With *Send to Servers...* you can send Servicepacks to other Rollout Servers. Mark the desired Servicepack using the mouse and select *Send to Servers...* in the Context Menu or the Menu.

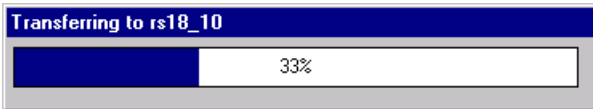
Send to Servers ...

Just select the Server(s) upon which the operating system and/or the servicepack shall be copied to ...



... and confirm with *OK*.

The consequential transfer can be monitored on your screen:

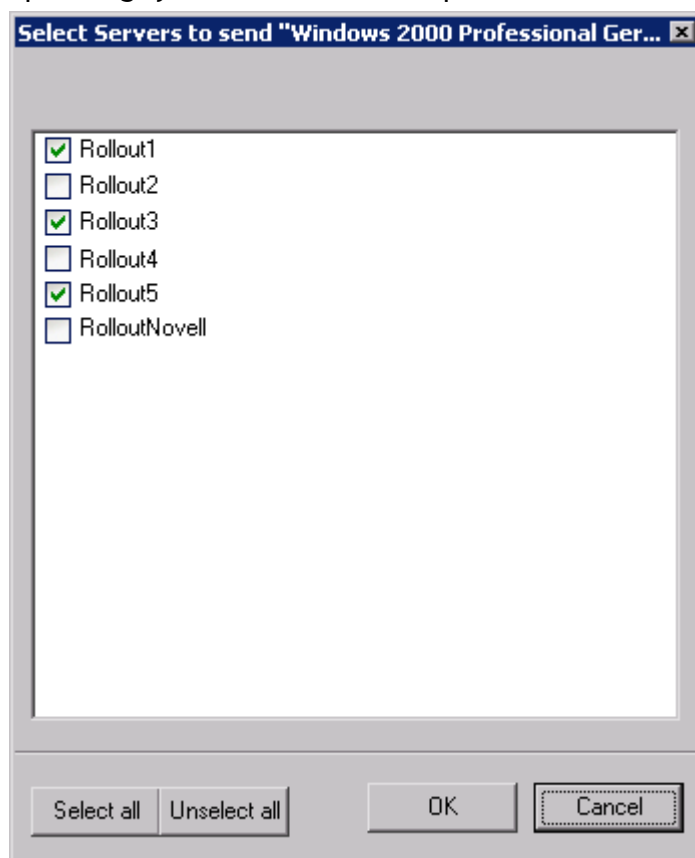


If you change your mind, you can abort the process using *Cancel*.

With *Delete From Servers...* you can remove Service Packs from other Rollout Servers. Mark the desired Service Pack using the mouse and select *Delete from Servers...* in the Context Menu or the Menu.

Delete from Servers ...

Just select the server(s) from which you want to delete the operating system and/or service pack ...



... and confirm with *OK*.

If you change your mind, you can abort simply by clicking on *Cancel*.

2.1.2 Icons

The icons look like this and have the following meanings:



New



Remove

2.1.3 List

The *List* consists of the columns *OS*, *Servicepack* and *Language*.

Here you will find the name of the operating system, the description and number as well as the language of the Servicepacks, which have already been installed.

2.2 Adding Servicepacks

2.2.1 Select Operating System

Select the operating system in the combo box, in which you want to integrate your Servicepack.

2.2.2 Select Language

Select the appropriate language. The abbreviations have the following meanings:


Meanings of the Country Codes:

BR = Brazil
CS = Chinese simplified
CT = Chinese traditional
CZ = Czech Republic
DE = Germany
ES = Spain
FR = France
IT = Italy
JP = Japan
NL = Netherlands
PO = Poland
RU = Russian Federation
SE = Sweden
UK = United Kingdom

2.2.3 Servicepack

In this combo box select the Service Pack that you want to integrate.

2.2.4 Browse file

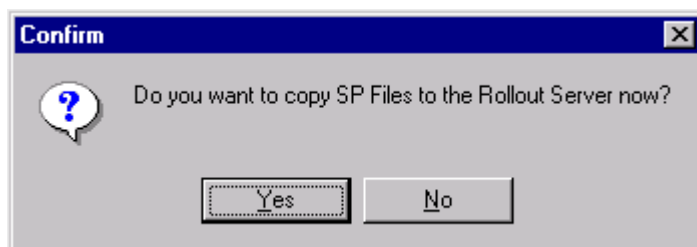
By clicking on the Icon  select the path, in which the Servicepack is located.

2.2.5 Cancel

With *Cancel* you will discard all entries and return to the overview screen.

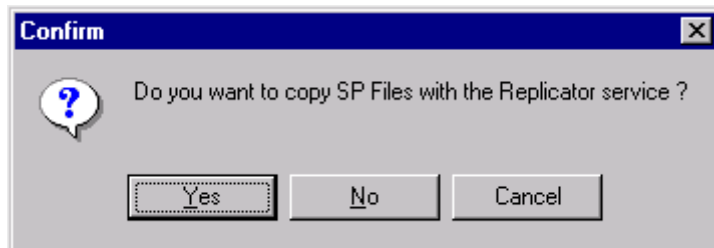
2.2.6 OK

If you confirm with OK, the following message will appear next:



With *Yes* you will continue with the integration; with *No* you will abort the integration.

If you select Yes, then this message will appear:



With **Yes** the Service Pack will be integrated and the Service Pack data will be copied to the Rollout Server using the Replication Service. You can monitor the progress of this process in the progress bar. Afterwards the program will automatically return to the overview screen.

With **No** only the necessary entries will be made for the integration, but the Service Pack will **not** be copied to the Rollout Server.

This is especially helpful, if the Rollout Server is connected to the Master Server only over an ISDN line. You then can copy the Service Pack locally e.g. from a CD to the Rollout Server. Start locally on the Rollout Server the *console.exe* program in the *[Drive]:\[Rollout Server Name]\bin* directory. Open the *Operating Systems* program and the *Service Packs* tab sheet there, mark the Service Pack in the List using the mouse, that will be integrated, and select *Copy SP Files...* menu item in the Menu or the Context Menu. The same screen will open, that you had already had. How to continue from here, you can read under the **Select Operating System** section on previous page.

With *Cancel* you will discard everything and return to the overview screen.

3. Overview History

To access *History*, you have to click on the appropriate tab sheet.

This consists of a list with the columns *Date* and *Action*.

In the *Date* column, you will see the time and date, in which each process was executed.
In the *Action* column, you will see the description and language of the operating system/Service Pack, as well as either the additions *Added* for inserted or *Removed* for deleted.

In addition to this, each entry is marked with an icon.

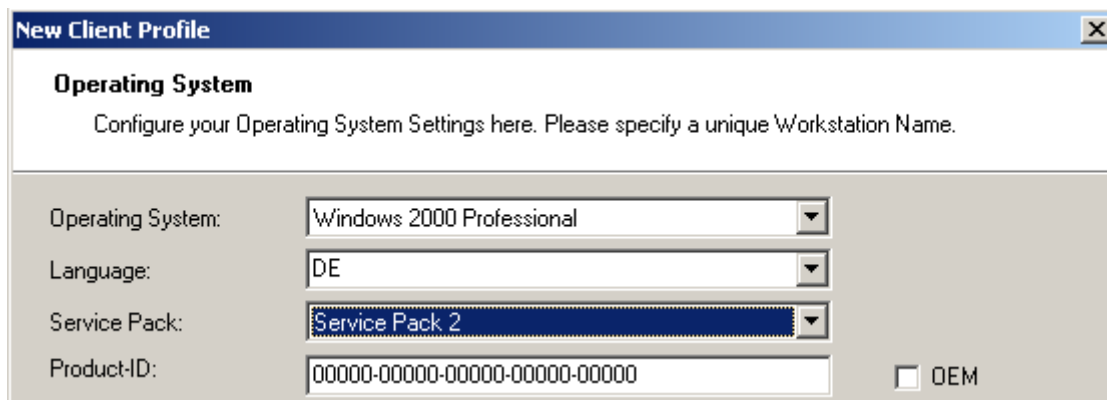
This icon  means *Added*.

This icon  means *Removed*.

4. Using Operating Systems and Servicepacks

After one or more Operating Systems together with Servicepacks are successfully integrated, they must be implemented into a *Client Profile*.

Select therefore in a new or existing profile the *Operating System* tab sheet and enter the according Operating System and Servicepack.



The screenshot shows a window titled "New Client Profile" with a close button (X) in the top right corner. Below the title bar is a tab labeled "Operating System". Under this tab, there is a text instruction: "Configure your Operating System Settings here. Please specify a unique Workstation Name." Below this instruction are four input fields and a checkbox:

- Operating System: A dropdown menu showing "Windows 2000 Professional".
- Language: A dropdown menu showing "DE".
- Service Pack: A dropdown menu showing "Service Pack 2".
- Product-ID: A text field containing "00000-00000-00000-00000-00000".
- OEM: A checkbox that is currently unchecked.