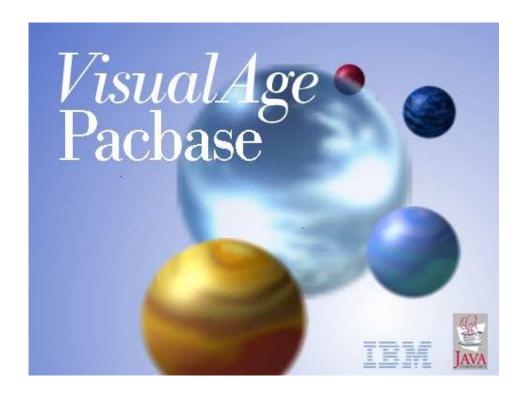
VisualAge Pacbase



How to manage your access keys Administrator's guide

Version 3.5



Note

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Introduction

The purpose of this manual is to help the administrator to become familiar with all the actions required to manage Access keys in Administrator workbench: installation and activation of new keys in different contexts. The manual also deals with the actions and notions associated with the update of Use Rights. All the actions are described through a series of examples.

The first chapter describes the different steps for updating access keys (key code, definition of generation targets, key activation) through different installation contexts (first key installation, renewal with different use rights levels, and ranked key in case of error).

The second chapter deals with more general information on use rights and explains how to define generation targets and how to assign/remove use rights in different contexts: for a user, a group of users or a profile.

Chapter 3 is dedicated to the BATCH management of keys.

From the 3.5 V03 version of Administrator workbench onwards, a new procedure is available to manage access keys. but a complete chapter is dedicated to the management of access keys for the previous versions.

If you need more information on how to create new users or profiles, for example, you will find links throughout the manual towards the Administrator and 'Developer workbench User's Guide', the Administrator workbench online help, or the 'Administrator's Procedures' manual for details.

Chapter 1. Updating Access key

An access key is a sequence of 70 characters, which covers the rights you have purchased via a contract.

At all times, access to the different VisualAge Pacbase features at your site is under the control of one active Access Key. Also, if several VA Pac Databases are being used at your site, all Databases are necessarily controled by the same active Key.

There is always only one active key at a time, when a new key is activated, the former one is archived.

The Administrator of the site is the only person allowed to update access keys.

Access keys updating consists in three steps:

- creating a new access key, in this step, you enter the code of the key and you transfer the generation targets from the active key onto the new key. This operation is also called 'matching of old/new generation targets'.
- defining the targets. This operation is mandatory when installing VisualAge Pacbase for the first time and when modifying targets (adding new targets, modifying a target's definition). This must be done before activating the access key.
- activating the access key. This is made to transfer the use rights inherited from the active key to the new access key, and to take into account the targets updated for the new key.

An access key can be activated only if the key is not expired and all of its its Build targets are defined.

When a new key is activated, the status of the old one is changed into 'ARCHIVE KEY'. There is only one active key at once possible.

If there are two identical access keys, only the key with the highest order number can be activated.

Only the Build Use Rights are matching, the Update Use Rights are automatically transferred and are not available in the lists of targets.

You must distinguish two operations to be done:

- the operation that consists in matching current features with features of the next active key which must be done when you define a new key, because the combination of features in the current and next key may not be strictly identical,
- and the following operation that consists in matching the current Use rights with the future Use rights when you activate a new key, as the Use rights are not the same in both keys.

This chapter describes how to update keys throughout different use contexts.

First Access Key

In the list of access keys (browser **Access keys**), the active key [•] is the evaluation key delivered with the product. It is used to connect to the Administrator workbench module, but its use is limited in time, as there is no possible input with this key. You need to install a new key code to be able to use all the functionalities of the module.

If you move from a 2.n release towards a 3.5 release, you must enter the key code before starting the retrieval procedure.

Complete information on the retrieval procedure are developed in the Installation Guide 'Server and Client Components'.

Only current build rights appear in the smartguide dedicated to the matching of old and new targets. As current Update rights are automatically forwarded to the corresponding future Update Rights, they do not appear in the smartguide.

Sworkbench [Administrator in Admin	nistration1				
File Workspace Access Keys Window Selected Help					
	8				
💑 Databases 📄 💼 Optional Command Lines Sets 🛛 🕵	Profiles PT PacTransfer	🛔 Users	🐴 Access Keys	Administration Documents	Ľ
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A 2003 01 16(12:49:49) AOTIVE ***	-Administration Inf Status	ormation		Evaluation copy Active key	4
	2			INTER-BIBLIOTHEQU	JES *** Upward view
4					•

Evaluation key

The first operation to do is to declare your key. For a first access key, there is no Build features to match with new Build features, so you just have to validate the list of new features in the smartguide dedicated to this use.

The smartguide opens from the list of Access key (Access key browser).

Installing a First key

In the list of access keys, click the icon in the toolbar or select the choice *Create New Access Key* in the menu *Selected* or in the pop-up menu which opens after a right-click in the list.

Workbench [Administrator		ation]					
Elle Workspace Access Keys Window	Open Open in new windo	w					
🚜 Databases 📔 🛅 Optional Command L	Copy Refresh		Transfer	in Users	🐴 Access Keys	Administration Documents	F
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		Status				Active key	
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						INTER-BIBLIOTH	EQUES *** Upward view
Create new Access Key	(-

Open the smartguide via the menu **Selected** *in the toolbar.*

SWorkbench [Administrator in Admin		
Elle Workspace Access Keys Window Selected Hel		
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🛃 Databases 🖺 Optional Command Lines Sets 🧕	Profiles PT PacTransfer 👬 Users 🔺 Access Keys 🔒 Administration Documents	F
🙌 👄 Workbench 🛛 Access Key 📃 🗖	H4 → 📥 2003 01 16(12:49:49) ACTIVE Definition	
A 2003 D1 16(1 Open in new window Copy Refresh Discard changes Delete Search references Search references Save Duplicate ∭import ∭import ∭import ∭import Create new Access Key Activate this Key	-Administration Information Evaluation copy	*
Sort by	Status Active key	
∠		•••• Upward view

Right-click in the list to display the pop-up menu and select 'Create new Access Key' to open the smartguide.

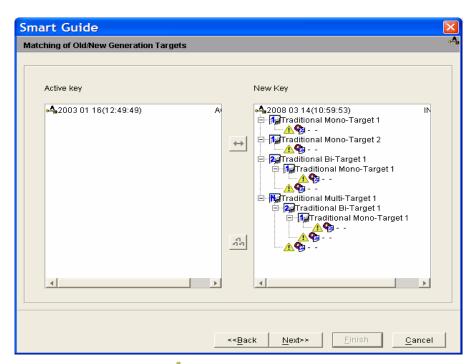
Smart Guide	\mathbf{X}
Create new Access Key	
New Key	
123Q4VOXVOXVOXVO4EZ1TR6C1234PG1	EXABCDGDPWVOX8VOXVVOXUVO43V04QV04IAABCD
	<< <u>Back</u> <u>Next>></u> <u>Finish</u> <u>Cancel</u>

Enter the code of the new access key in the New Key field.

Then press the **Next** button.

Build Targets

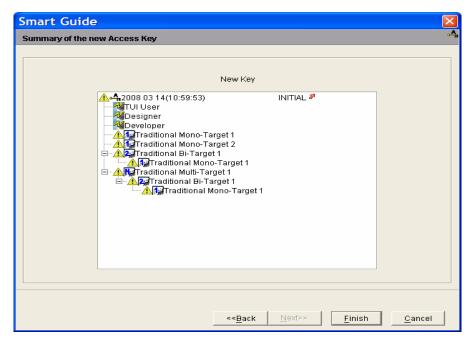
The second window of the smartguide opens and displays the list of Traditional or eBusiness Build features, and their targets (mono-target, bi-target, multitarget) associated with the key. In the example, the key contains only Traditional Build targets. This window is usually dedicated to the matching of current Build features with those of the new key in a renewal keys context.



In the right panel, each icon A indicates that a target is not defined

In a context of installing a first key, there are no active Build targets, so press the *Next* button to validate the list of new Build features with the targets to be defined.

The next window is a summary panel which shows the list of both Update and Build features included in the new key.

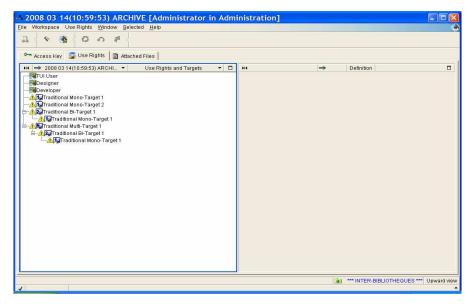


Press *Finish* to save the new key with the 'ARCHIVE' status. You will be able to activate the new key only after defining all the generation targets.

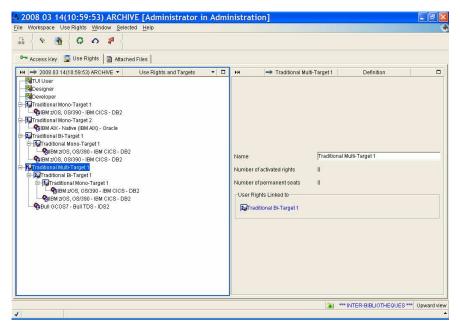
Workbench [Administrator in Admin File Workspace Access Keys Window Selected Help				
File Workspace Accessiceys Window Selected Help				
			1	
💑 Databases 🖹 Optional Command Lines Sets 🛐			Administration Documents	<u> </u>
🛏 🔿 Workbench 🛛 Access Key 🗖	H4 📥 📥 2008	03 14(10:59:53) INITIAL	Definition	
Av-2003 03 14(10.59:53) ARCHIVE Ma2003 01 16(12:49:49) ACTIVE ^D ™	-Administration Informat TOW04VOXVOXVOX Rank Expiration Date Site Site Development Platform		0 / 0 0 / 0 0 / 0	04140000
	P		inter-BIBLIOTHEQU	JES *** Upward view
🛕 🛛 🕹 At least, one target missing				

In the list of keys, the icon A indicates that at least one target is not defined. When you select the key, you can see a warning message at the bottom of the window: 'At least, one target missing'.

Defining Build Targets



Before defining Targets.



After defining all the Targets.

↔ The Targets definition procedure is detailled in <u>Chapter 2. Use Rights</u> <u>Management</u>.

First Key Activation

A created Access Key has to be activated, in due time, through a dedicated smartguide where you can renew the use rights of the current active key for the new key. Depending on the context, you can **globally** assign use rights or it can be a **unitary** dispatch.

If the new key provides exactly the same combination of use rights, you can choose to renew the current use rights **globally**, if the future key's use rights are different from that of the current key, you must match the use rights one by one (**unitary matching**).

[•]⊕/[™] HOW TO ACTIVATE A FIRST KEY

- 1. From the list of Access Keys, select the new key,
- 2. choose **Activate this key** in the pop-up menu that opens via a rightclick on the list or in the menu **Selected**.

		rflies PT PacTransfer 🙀 Users 🔩 Access Keys 🗟 Administration Documents	
Vorkbenci			
2008 03 14(10:59:53) 2003 01 16(12:49:49) 	Open Open in new window Copy Refresh Discard changes Delete Search foreferences	Administration Information T0W04V0XV0XV0XV04EZITR6C&&&&P1EXS62P6DTWV0X8V0XV0XUV043V04QV04IA0000 Rank 0 Expiration Date 2008 05 Status Archive key Development Platform VNT	
	Save Duplicate Mirmoot MirmootCreate by code Create new Access Key Activate this key Soft by	Use Rights Numbers Update Facility Designer 10 Developer 10 Text UI 10 Reader 0 eBustiness Build Facility (features/Seats) Mono-Target 0 / 0	
		Bi-Target 0 / 0 Multi-Target 0 / 0 -Traditional Build Facility (features/Seats)	

Choice Activate this Key via the pop-up menu that opens after a right-click.

ä { ∞ < ∰ < ≦	Open Open in new window Copy	
📆 Databases 📔 🛅 Optional Command L	Refresh	Transfer 🙀 Users 🚕 Access Keys 🗈 Administration Documents
H4 -> Workbench Access Ke	Discard changes Delete	
2003 01 16(12:49:49)	Search references	stration Information
	Search local references Save	VOXVOXVOXVO4EZ1TR6C&&&6PG1EXSG2PGDTWVOX8VOXVOXUVO43VO4QVO4IA0000
	Duplicate Sa Import	on Date 2008 05 IBMDEV*001
	🕍 Import/Create by code	Archive key
1	🍯 Create new Access Key	ment Platform WINT
	Sort by	Use Rights Numbers
		Update Facility Designer 10 Developer 10 Text UI 10 Reader 0 eBuaders Build Facility (features/Beats) Mono-Target 0 / 0
		Bi-Target 0 / 0 Multi-Target 0 / 0
		Traditional Build Facility (features/Seats)





This choice is available for any access key with an ARCHIVE status which has not reach its expiration date and whose Build targets are all defined.

🕑 Ple	ase confirm 🛛 🛛 🔀
?	Loading all users. Do you want to continue ?
	OK Cancel

You are warned through a message that all the users will be loaded, you need to confirm to continue.

3. Click **OK**.

Access key activation	×
Current Use rights	Future Use rights
	Traditional Mono-Target 1
Matchings	↓ <u>↑</u> % ‡
	<u>F</u> inish <u>C</u> ancel

As it is a first key which is activated, the left panel is empty, the smartguide only displays the list of future use rights. There is no matching possible here.

4. Press *Finish* to activate the key.

🕂 Ple	ase confirm 🛛 🔀
?	No matchings done. Do you want to continue ?
	OK Cancel

A message warns you that no matching was done, you just have to confirm.

5. Click **o***K*.

The list of access keys displays automatically.

Note that the new key is activated ^{Im} and the evaluation key is archived.

Vorkbench [Administrator in Admin Workspace Access Keys <u>Window Selected</u> Help	
< % 🚳 < 🐿 🌢 🗘 🖉 🔗 🦧	8
Databases 🛅 Optional Command Lines Sets 🥵	Profiles 🛛 PT PacTransfer 🛛 🏘 Users 🛛 🔩 Access Keys 📓 Administration Documents
🗕 🔿 Workbench 🛛 Access Key 🗖	H4
2009 03 14(10:59:53) ACTIVE	Administration information ToWqaV0Xv0Xv0AEZ1TR6C&&&BP01EXS92PGDTWV0X8V0Xv0A3V04QV04IA0000 Rank 0 Expiration Date 2008 05 Site IBMDEV*001 Status Active key Development Platform WNT
	Use Rights Numbers Update Facility Designer 10 Developer 10 Text UI 10 Update Facility Update Facility
	Reader 0 💏 🌠
	eBusiness Build Facility (features/Seats) Designer 0 0
	Mono-Target 0 / 0 Developer 0 0
	Bi-Target 0 / 0 Text UI 0 0
	Multi-Target 0 / 0 Reader 0 0
	Traditional Build Facility (features/Seats) Friday, 14 March 2008

The Access Key takes immediate effect.

Access Key Renewal

In a renewal context, the Build targets of the current active key must be matched with those of the new key and then the use rights of both keys must be matched and activated.

All information relating to the use rights are detailed in <u>Chapter 2. : Use Rights</u> <u>Management in this guide.</u>

Now let us see the different renewal contexts:

- The new Key includes identical use rights,
- The new Key includes reduced use rights.
- The new Key includes higher use rights.

The installation procedure of the key is the same whatever the key type, you must enter the code of the key in the smartguide dedicated to the creation of Access keys and match current Build targets with those of the new key.

How to Install a Renewal key

The procedure is the same in any renewal contexts, first you enter the code of the key in the dedicated smartguide.

- ・¹/ 響 From the list of Access keys,
 - 1. Click in the toolbar or select *Create new Access Key* in the *Selected* menu or right-click on the list and in the pop-up menu which opens, choose *Create new Access Key*. A smartguide opens.
 - 2. Enter the code in the New Key field of the smartguide.

Smart Guide 🛛 🛛 🛛
Create new Access Key
New Key 123Q4VOXVOXVO4EZ1TR6C1234PG1EXABCD6DPWVOX8VOXXVOXUV043V04QV04IAABCD
< <back next="">> Finish Cancel</back>

3. Then click the *Next* button to display the window dedicated to the matching of Targets.

Renewing a Key with Identical Use Rights

Once the code of the key is entered, the window 'Matching of Old/New Generation Targets' opens, so you are asked to match current Build targets with those of the new key.

Matching of Old/New Generation Targets	o
Active key New Key	
<< <u>B</u> ack <u>N</u> ext>> <u>Finish</u> <u>Cancel</u>	

^小/ 価 HOW TO MATCH IDENTICAL BUILD TARGETS

The left panel displays the Build features of the current active key and with the tree unfolded, you can see the targets associated with each Build feature.

The right panel displays the list of Build features and with the tree unfolded, you can see the blank lines for the Build targets.

As the Build features and targets are identical in both keys here, a global matching is easy:

- select the identifier of each key at the header of each list in the 'Active Key' and 'New key' panels, icons identify the keys.
- 2. click the two-way arrow button which ungrays. Thus, all current Build features with their associated targets can be renewed.

Note that the 'New Key' panel displays a warning \triangle for each non-defined target.

Smart Guide Matching of Old/New Generation Targets		•
Active key	A 2008 03 14(15:17:40) IN Image: Constraint of the state of the stat	
	< <back next="">> Finish Cancel</back>	

Once all the targets are matched, the Active Key panel displays a warning Δ for each target transferred onto the new key.

3. Press *Next*, a window displays a summary panel. It shows the list of both Update and Build features with the associated targets which will be transferred into the new key.

Smart Guide	
Summary of the new Access Key	• ^
New Key	
BIBM z/OS, OS/390 - IBM CICS - DB2 BIBM z/OS, OS/390 - IBM CICS - DB2	
<< <u>B</u> ack <u>N</u> ext⊳⊳ <u>F</u> inish	<u>C</u> ancel

Make sure that the information in this window are correct because once you press *Finish*, they are validated and you are no longer authorized to modify them .

4. Press Finish to validate.

The key status becomes 'ARCHIVE'.

・¹/ ^(一) HOW TO ACTIVATE THE NEW KEY

- 1. Select the new key in the list of access keys,
- 2. Choose Activate this Key in the opoup menu (after right-clicking the list) or Selected menu in the toolbar.

The following smartguide opens:

Access key activation				
Current Use rights	Future Use rights			
Traditional Mono-Target 1 Traditional Mono-Target 2	Traditional Mono-Target 1			
Matchings	_↓ <u>↑ </u> \$ ‡			
	<u> </u>			

3. As the new key provides the exact combination of use rights as that of the current key, you just need to click the **\$\$** icon to automatically renew them.

Access key activation	
Current Use rights	Future Use rights
Traditional Mono-Target 1	Traditional Mono-Target 1 Traditional Mono-Target 2
Matchings	
Traditional Mono-Target 1 > Traditional Mono- Traditional Mono-Target 2 > Traditional Mono- Traditional Multi-Target 1 > Traditional Multi-T	-Target 2
	<u>F</u> inish <u>C</u> ancel

The panel in the lower part of the window displays the transfer of use rights from one key to the other.

4. Press *Finish*, the new key is activated ^m and the old one is archived.

Renewing a Key with Reduced Use Rights

Here the combination of Build features is different from one key to the other. In that case, the matching of Build features and of the associated targets is unitary (one by one).

・¹/ ^(一) HOW TO DO UNITARY MATCHINGS

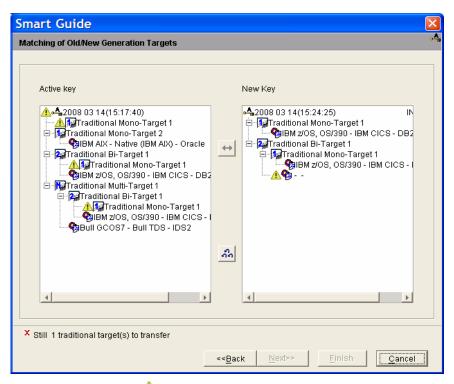
We are going to see how to proceed when the new key includes reduced use rights.

In the example, the new key gives reduced Build rights which are Traditional Bi-target Build rights whereas the current key had given higher Build rights which were multi-target traditional build rights. A unitary matching of Build targets is required. So proceed as follows:

- 1. Select a target in the Active Key panel.
- 2. Cursor down/up the 'New Key' list; wherever the double-arrow button ungrays, the matching is possible. Or you can directly click a Build target in the left panel and click equivalent feature in the right panel.

Incompatible matchings (eg. An eBusiness Build target matched with a Traditional Build target) are automatically inhibited.

nart Guide tching of Old/New Generation Targets		
Active key Active	New Key	
Bull GCOS7 - Bull TDS - IDS2	< <back next="">> Finish</back>	Cancel



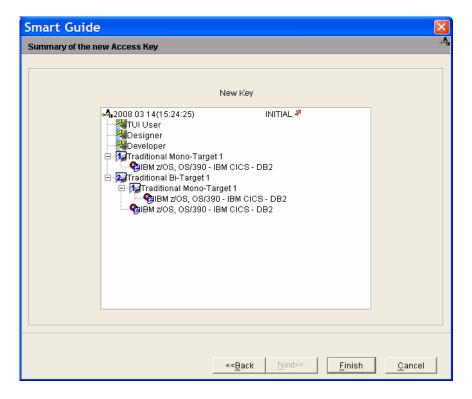
Note that the warning ⁽¹⁾ displays for each remaining undefined target of the new key.

ching of Old/New Generation Targets		
Active key		New Key
A2008 03 14(15:17:40) ATraditional Mono-Target 1 Traditional Mono-Target 2 HBM AIX - Native (IBM AIX) - Oracle Traditional Bi-Target 1 Traditional Multi-Target 1 Traditional Multi-Target 1 ATraditional Bi-Target 1 Built GCOS7 - Built TDS - IDS2	¢	A2008 03 14(15:24:25) IN Traditional Mono-Target 1 ■IBM z/OS, OS/390 - IBM CICS - DB2 ■Traditional Bi-Target 1 ■Traditional Mono-Target 1 ■IBM z/OS, OS/390 - IBM CICS - DB2 ■IBM z/OS, OS/390 - IBM CICS - DB2
	50	
4	1	4

Build features transferred onto the new key.

If you are not satisfied with your current matching, press the triple-arrow button. All matchings are cleared out. Or you can clear out matchings individually, click on a target in the 'New Key' list and then on the corresponding target in the 'Active Key' list, and when the left-arrow key button ungrays, click the button. The target is cleared out from the 'New Key' list and displays again in the 'Active Key' list.

3. Once all matchings are done, press **Next**, a summary of the new key composition displays in another window.



4. Press *Finish* to save the new key with an ARCHIVE status.

In case of error, you do have the possibility to contact the VisualAge Pacbase Support to receive another key.

^A/ [™] HOW TO ACTIVATE THE KEY

 Select the key from the Access key list, right-click the list and choose <u>Activate this key</u> in the opoup menu which opens or click the <u>Selected menu in the toolbar and choose Activate this key</u> to open the smartguide.

As the new key includes reduced use rights, the automatic matching operation is not possible here, manual matching (or unitary) is required.

The matching of targets is not authorized between the traditional build feature and the ebusiness build feature. The current active key includes a Traditional multi-target use right, whereas the future key provides for a Traditional bitarget use right.

- 2. In the left panel 'Current Use rights', click the multi-target use right and in the right panel 'Future Use rights', click the bi-target 1 use right. If there are several choices in the future key, you can move your cursor up and down the list; the down-arrow would ungray when a matching operation is possible.
- 3. Press the down-arrow button.

Access key activation		
Current Use rights	Future Use rights	
Harraditional Mono-Target 1 Harraditional Mono-Target 2 Natraditional Multi-Target 1	Traditional Bi-Target 1	
Matchings	<u>↓</u> ↑ % ‡	
	<u>F</u> inish <u>C</u> ant	el

Select a current use right and a future use right, the down-arrow allowing matchings ungrays.

Access key activation		×
Current Use rights	Future Use rights	
Traditional Multi-Target 1	Traditional Bi-Target 1	
Matchings 🗸	₽₽	
Traditional Multi-Target 1 > Traditional Bi-Tar	get 1	
	<u>F</u> inish	

The resulting matching displays in the 'Matchings' panel.

4. Press *Finish*, the future key is activated [®] and the old one is archived.

a {	🗞 🚳 🤇 🍇 🄇	004							
🛃 Data	bases 🛛 📑 Optional Co	mmand Lines Sets	Profiles	🕈 PacTransfer 🛛 👬	Users 🐴 Acce	ss Keys	Administration Documents		
ы	-> Workbench	Access Key		→ 4	2008 03 14(15:24	25) ACTIVE	Definition		I
2008 0	03 14(15:17:40) 03 14(10:59:53) 01 16(12:49:49)	ARCHIVE ARCHIVE ARCHIVE		V0WQ4VOXVOXV Rank Expiration Date Site Status Development Plat		&&6PG1EU5	362PGLPWV0X8V0X8V04JV043V 0 2008 07 IBMDEV*001 Active key WNT	'04QVO4IA0000)
				Use Rights Numl Update Facility Designer Developer Text UI Reader eBusiness Buil Mono-Target Bi-Target	d Facility (features) 0 / 0 0 / 0	0	-Update Facility Designer Developer Text UI	 ✓ ✓	
				Multi-Target	0 / d Facility (features/S		Reader Friday, 14 March 2	0 0	

Renewing a key with Higher Use Rights

When a new key includes higher use rights, the undefined targets remaining on the future key after transferring the targets from the current key to the new key, will have to be defined.

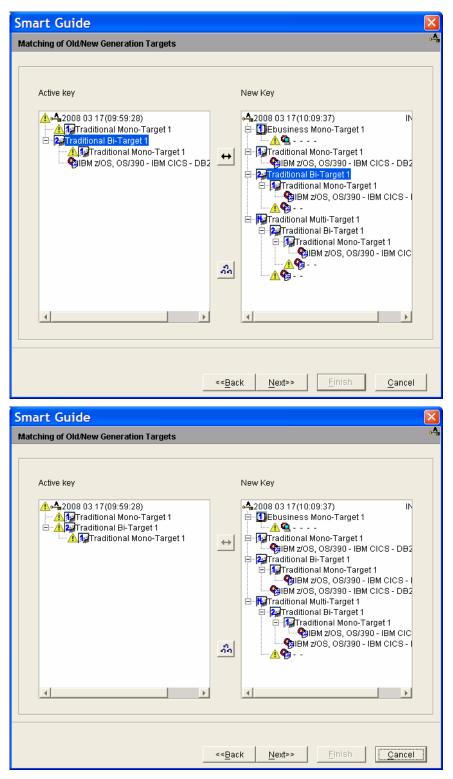
[・]他/ MATCHING BUILD TARGETS

In the example, the new key includes eBusiness mono-target Build rights and Traditional muti-target Build rights. The new targets will have to be defined.

A unitary matching of current and future build rights will be done as follows:

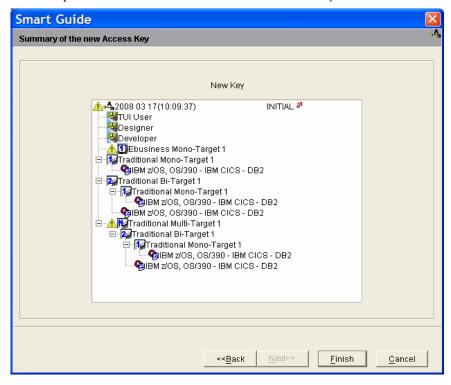
- 1. Select any Build right in the Active key panel (left panel).
- 2. In the Future key panel (right panel), move your cursor up and down; when down-arrow ungrays, a matching is possible.

Smart Guide	
Matching of Old/New Generation Targets	0
Active key	New Key
Г	< <back next="">> Finish Cancel</back>



In the example, first are matched the Traditional mono-target 1 Build rights then the Traditional bi-target 1 Build rights.

If you are not satisfied with your current matching, press the triple-arrow button. All matchings are cleared out. You can also delete target matchings one by one, you just have to click a target in the future key list, and press the backarrow button which ungrays. 3. Once all matchings have been done, press **Next** to see a summary of Update and Build features included in the new key.



Summary of rights acquired on the new key.

The undefined targets remaining (traditional multi-target and eBusiness, in the example) are marked by the \triangle icon. They will have to be defined to enable the new key activation.

4. Press Finish.

Gi { ♥ @i { № (004		7			
💑 Databases 🛅 Optional Co	mmand Lines Sets 🖸	Profiles	PT PacTransfer	Access Keys	Administration Documents	
H - Workbench	Access Key ARCHIVE		H 📥 🐴 2008 03	17(10:09:37) ARCHIVE	Definition	
A2008 03 17(09:59:28) A2008 03 14(15:17:40) A2008 03 14(15:56:3) A2003 01 16(12:49:49) A2003 01 16(12:49:49)	ACTIVE ^{Dm} ARCHIVE ARCHIVE ARCHIVE		Rank Expiration Date Site Status Development Platform	VE TR6C&&&6P01EU Jse Rights Numbers- Update Facility Designer Developer Text UI Reader	S62PG4KWV0XSV0XV0XUVC 0 2008 09 IBMDEv*001 Archive key WNT 10 10 10 10 0 cility (features/Seats)	06EV04QV04IA0000
				Mono-Target Bi-Target Multi-Target	1/3 0/0	
				Traditional Build Fa		

^小/^価 DEFINING BUILD TARGETS

When you select the 'ARCHIVE ' key in the acces keys list, a message indicates that at least one target is missing. Until the target(s) is/are not defined, the key activation is not possible .

Targets definition is accessible from the list of Use rights (*Use Rights* tab in the new key browser), choice *Define Targets* in the pop-up menu that opens by a right-click on the list or via the menu *Selected* in the toolbar.

↔ The details on how to define targets are given in <u>Chapter 2. Use Rights</u> <u>Management</u>, subchapter <u>How to define Build Targets</u>.

A 2008 03 17(10:09:37) ARCHIVE [Administrator in Adm File Workspace Use Rights Window Selected Help	inistration]
Ware Rights Attached Files Attached Files Attached Files Attached Files Use Rights and Targets Open Open Innew Window Expand selection Open Innew Window Expand selection Open Copen Innew Window Dypand all Expand selection Open Copen Innew Window Dypand all Expand selection Open Copen Innew Window Dypand all Expand selection Save Define Targets Assign/Remove to a group of users	Image: Name Traditional Multi-Target 1 Definition Name Traditional Multi-Target 1 Number of activated rights 0 Number of permanent seats 0 User Rights Linked to
At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system At least, one target missin Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system Image: Constraint of the system	
MLess Rey Consists Mathematics MLess Rey Use Rights and Targets Image: Consists Automatics Use Rights and Targets Image: Consists Automatics Image: Consists Image: Consists Image: Consists Automatics Image: Consists Image: Consists Image: Consists Image: Consists Image: Consists	x → Definition □
🔥 🛛 At least, one target missin 💻 💿 🎲 🐼 🚺 🕶 🔍	1 00 Contraction of the second

All targets have been defined.

・他/ KEY ACTIVATION

Once all targets defined, the key can be activated.

As the Use rights composition of the future key is different from that of the current key, you will have to proceed to a unitary matchings of rights.

The operation here, consists in assigning with the new key, a Traditional multitarget use right to all users who benefited from a Traditional bi-target use right with the current key. Moreover, in the example, with the new key, an eBusiness mono-target use right is added. As the current key provided no such right, you will have to make the necessary adjustments in the 'Use Rights' list or in the 'Users' list.

For more details, read <u>Chapter 2. How to manage Use Rights.</u>

To activate the new key, do as follows:

- 1. Right-click the key, choose *Activate this key* in the pop-up menu which opens or in the *Selected* menu of the toolbar so as to open the smartguide.
- 2. In the 'Current Use Rights' panel, move your cursor up, when the up-arrow ungrays, you know that a Use Rights matching is possible.
- 3. Click the arrow.



Caution: Traditional and eBusiness use rights belong to two different groups,transferring targets between those two groups is not possible. Incompatible matchings (eg. An eBusiness Build target matched with a Traditional Build target) are automatically inhibited.

Access key activation	×
	Entropy I have visible
Current Use rights	Future Use rights
Traditional Bi-Target 1	DEbusiness Mono-Target 1
Matchings	<u>↑</u> 3‡
	<u>Einish</u>

In the example, the current key includes Traditionnal bi-target use rights, they are changed for Traditionnal multi-target use rights on the new key.

Access key activation	
Current Use rights	Future Use rights
Traditional Bi-Target 1	Eusiness Mono-Target 1
Matchings	\$ 1
Traditional Bi-Target 1 > Traditional Multi-Tar	jet 1
	<u>F</u> inish <u>Cancel</u>

The 'Matchings' panel displays the result of the matching operation.

If you are not satisfied with a given matching, select its line in the lower panel, press the up-arrow button which ungrays, and the matching is cleared out.

4. Press the *Finish* button to activate the key. The status of the old key turns now to 'ARCHIVE' whereas the status of the new one turns to 'ACTIVE'.

Ranked key

Ask for a new key to VisualAge Pacbase Support if you want to modify the rights combination on a key and reactivate the key. For example, if you have erroneous Build targets defined, and the key is already activated, you need a new key to be able to modify the use rights. This key owns a rank different from zero (see the *rank* field in the 'Administration' panel on the Definition of the key).

An example shows you a case where an eBusiness mono-target 1 Build Right is erroneous and must be modified.

The procedure describing the installation of a new key declaration is in <u>Chapter</u>
 <u>1. Updating Access key</u>, subchapter <u>Access Key Renewal</u>,.

・¹/ 価 MATCHING BUILD TARGETS

The procedure consists in transferring all the targets onto the new key except the erroneous target in the smartguide dedicated to the matching of generation targets. Then you will define a new target and only after you will activate the new key.

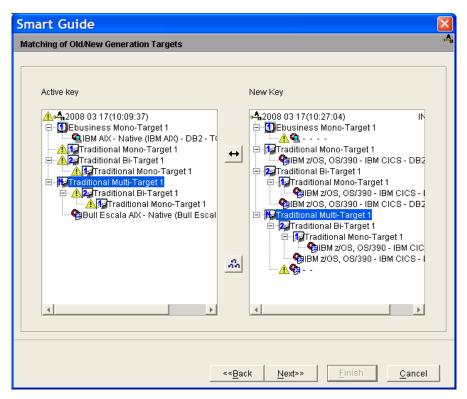
Unitary transfers of the Build targets must be done from the current key onto the new key.

Active key	New Key	
A 2008 03 17(10:09:37) A Ebusiness Mono-Target 1 BBM AIX - Native (IBM AIX) - DB2 - T(Traditional Mono-Target 1 BBM z/OS, OS/390 - IBM CICS - DB2 Traditional Bi-Target 1 BBM z/OS, OS/390 - IBM CICS - DB2 Traditional Multi-Target 1 Traditional Multi-Target 1 Traditional Bi-Target 1 Calibm z/OS, OS/390 - IBM CICS - DB2 Traditional Multi-Target 1 Calibm z/OS, OS/390 - IBM CICS - IBM CICS - IBM z/OS, OS/390 - IBM CICS - IBM CICS - IBM Z/OS, OS/390 - IBM Z/	A2008 03 17(10:27:04) Bebusiness Mono-Target 1 A	

Transfer of the Traditionnal Mono-Target Build right on to the new key.

Smart Guide		×
Matching of Old/New Generation Targets		0 - 11
Active key Active key Below and the second state of the second s		
	< <back next="">> Finish Cancel</back>	

Transfer of the Traditionnal Bi-Target 1 Build right onto the new key.

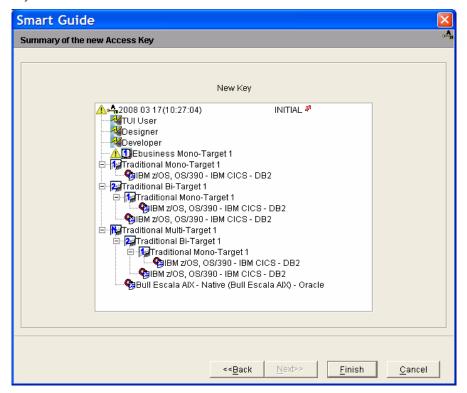


Tranfer of the Traditionnal Multi-Target 1 Build right onto the new key.

Smart Guide	
Matching of Old/New Generation Targets	۰ 4 ,
Active key	New Key
	< <back next="">> Finish Cancel</back>

The Build target which is not transferred onto the new key is marked with the \triangle icon. The target must be defined.

Press the **Next** button to display a summary of the Build targets on the new key:



Press *Finish*, and the new key is archived:

🗟 < 🗞 🚳 < 🐒 🤇	0 0 Ø B	
💑 Databases 📑 Optional Co	mmand Lines Sets 🥵 Prot	iles PT PacTransfer 👬 Users 🔩 Access Keys 🔋 Administration Documents
H Image: Workbench Av: 2008 03 17(10 27:00) Av: 2008 03 17(10 09:37) Av: 2003 01 16(12:49:49)	Access Key I	Image: Mark Mark Mark Mark Mark Mark Mark Mark

Ranked key, rank '1 'in the example.

^[⊕]/ **DEFINING TARGETS**

In the example, the erroneous eBusiness target must be re-defined.

↔ The procedure is detailled in <u>Chapter 2. Use Rights Management</u>, subchapter<u>How to define Build Targets</u>.

⑦/ ACTIVATING THE KEY

As the new key and the current key provide for the same combination of Build use Rights, a global renewal of use rights is possible, you just have to click the **1** button. All the current key's use Rights are automatically renewed.

Access key activation	
Current Use rights	Future Use rights
Debusiness Mono-Target 1	Ebusiness Mono-Target 1
Matchings	
Ebusiness Mono-Target 1 > Ebusi Traditional Multi-Target 1 > Traditio	
	<u>F</u> inish <u>C</u> ancel

Press Finish.

2 8 m 2 5 0	Window <u>S</u> elected <u>H</u> elp	n J		
		rofiles	PT PacTransfer 👬 Users 🔩 Access Keys 🛢 Administr	ration Documents
• Workbench	Access Key		◄ ♣ 2008 03 17(10:27:04) ACTIVE	Definition
2008.03.17((0.27.04) 2008.03.17(10.09.37) 2008.03.17(0.95.928) 2008.03.14(15.17.40) 2008.03.14(15.17.40) 2008.03.14(15.95.53) 2003.01.16(12.49.49)	ACTIVE ARCHIVE ARCHIVE ARCHIVE ARCHIVE ARCHIVE			V0X8V0X0XVV06EV04QV044Q000 Access key Rank 0
			Update Facility Designer 10 Developer 10 Text UI 10 Reader 0 Upda	te Facility 💣 🌠 oner 0 0
			Dava	2
			Mono-Target 1 / 3 Deve Bi-Target 0 / 0 Text	
			Multi-Target 0 / 0 Read	ler O O
			Traditional Build Facility (features/Seats)	Monday, 17 March 2008

Once the new key is activated, any key with a rank inferior to that of the new active key can't be re-activated even if it is not expired.

Chapter 2. Use Rights Management

Introduction

An Access Key provides for a given number of use rights. To transform use rights into actual seats, once the key is active, you must update use rights. This chapter gives you all the information on how to proceed. You can see thus, how to define generation targets, assign or remove use rights to individual users, to a group of users, or to profiles. Moreover, you will find in this chapter, general information on the different types of use rights, the licenses and the number of active seats.

Access to Update or Build facilities

Access keys include Use rights acquired through a contract to authorize the Users on a site to access to VisualAge Pacbase. There are two categories of use rights: use rights for the Update facility and use rights for the Build facility.

Use rights to access the Update facility (interface):

The access to the Update facility allows for a write access to the VisualAge Pacbase Repository, in online or batch mode.

There are different Use rights included in a key:

- 'Designer' for the Pacdesign module in the VisualAge Pacbase WorkStation,
- 'Developer' for Administrator and Developer workbench and the Pacbench module in the VisualAge Pacbase WorkStation,
- o 'Text User Interface' for VisualAge Pacbase in character-mode.

The Use rights to access the Update facility are automatically transferred onto the new key when creating and activating it.

The Access Key necessarily includes a quantitative aspect, for each of the above categories, as defined in the purchase agreement. The combined notions of category and quantity make up the Use Right notion.

- Update facility use rights : access to the Build facility, which allows to trigger the VisualAge Pacbase generating capability. The Build facility includes two options:
 - The eBusiness Build Facility, to generate instances managed by the eBusiness and Dialog modules
 - The Traditional Build Facility, to generate instances managed by the Batch and Dialog modules (including instances of the following Pacbench C/S entities).

Build facility use rights: access to the Build facility, which is characterized by one or more features, a feature being an indicator of the number of targeted Build environments. Such feature can be a:

- o Mono-Target,
- o Bi-Target, which is an extension of the Mono-Target feature,
- Multi-Target, which is an extension of the bi-cTarget and mono-Target features.

An embedding principle applies: a multi-target necessarily implies the purchase of a bi-target which in turn requires the purchase of a monotarget feature.

When the specific Build requirements of a site, for a given type of development, include both mono-targets and bi-targets bi-cibles in different proportions, you must first assign all the bi-targets and then the mono-targets.

When the proportions are identical, you must assign the targets with the highest level.

An Access Key provides for a given number of use rights. To transform use rights into actual seats, once the key is active, you must assign use rights to users.

The number of Active use rights is controlled.

A seat becomes active the first time its owner signs on and remains active for the rest of the day (until midnight exactly), even if -- in the meantime -- this user disconnects and reconnects one or more times. At the end of the day, this seat becomes free again.

The number of active seats at a given moment therefore corresponds to the number of users who so far have requested an online connection, plus all permanent rights since they are considered as always active.

How to define Build Targets

Defining Build targets consists in defining all the targets required to access a Traditional or an eBusiness Build facility.

To be able to activate a key, all the generation targets must be defined first.

The definition of genaration targets is required when you install a first key and each time the combination of targets has changed.

Once a target is defined, it cannot be modified. If the target is erroneous, you need to ask for another key to the VisualAge Pacbase Technical Support to be able to modify the target.

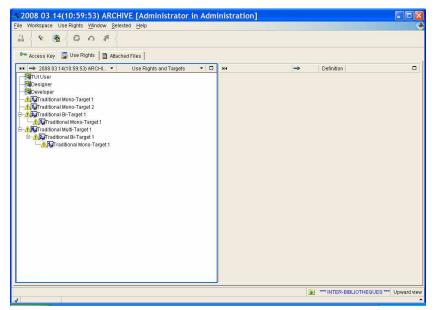
When you have Traditionnal or eBusiness Build facility use rights with multitarget features delivered with your new key, you need to define at least one target to be able to activate the key. All additional targets can be defined after the key activation. The Pacbase Access Facility (PAF) extension gives the right to an additional generation target for a user. This additional target must be declared on the last mono-target (rank n). The definition of the target is required only if the installation platform is different from the development platform. Otherwise, if the two environments are the same, the target can be identical to any target already defined on the current key.

↑/── HOW TO PROCEED

You open the window dedicated to the Targets definition from the list of Rights (*Rights* tab in the Access Key browser).

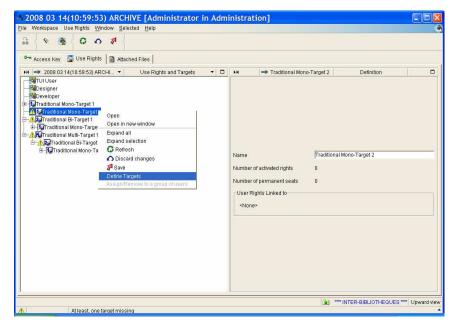
1. DEFINING A TRADITIONAL BUILD TARGET

Right-click on a Build target which must be defined, and in the pop-up menu that opens, choose *Define Targets* or directly in the menu *Selected* in the toolbar.



4 2008 03 14(10:59:53) ARCHIVE [Administrator in	Administration]	
<u>File</u> Workspace Use Rights <u>Window</u> <u>Selected</u> <u>H</u> elp		۲
	Administration]	Definition
	*** INTEF	R-BIBLIOTHEQUES *** Upward view
A Define Targets		*

Open the creation smartguide from the menu in the toolbar.



Other possibility: open the creation smartguide via the pop-up menu.

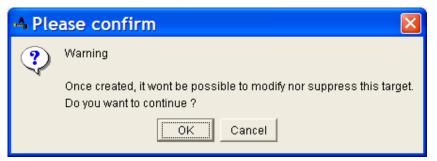
In the example, a PAF-specific target must be defined (traditional mono-target 2).

A creation smartguide opens:

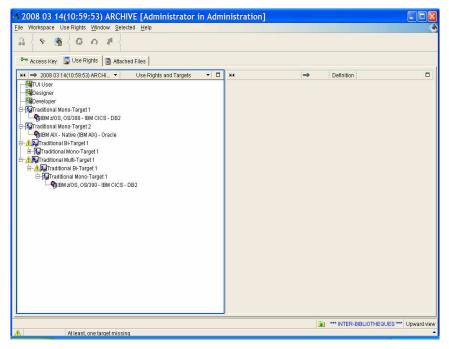
Traditional Target		
Create new item of Traditional t	arget	
Operating System	IBM AIX	<u> </u>
TP Monitor	Native (IBM AIX)	
in women	Juano (Duriny	_
Database	Oracle	•
What do you want to do when f	nished ?	
Return		
Open the browser		
O Do another creation		
	<< <u>B</u> ack <u>N</u>	ext>> <u>F</u> inish <u>C</u> ancel

For the Traditional Build targets, you must select in the dropdown lists the operating system, the TP monitor and the Database.

Once all the fields completed, press Finish.



You are warned through a message that once validated, no modification or deletion is possible.



The target is defined.

2. <u>DEFINING EBUSINESS BUILD TARGETS</u>

The procedure is the same as for the Traditional Build targets definition:

🔺 2008 03 17(10:09:37) AF	CHIVE [Administrator in	Administration]		
File Workspace Use Rights Window	Selected Help			
Access Key Sub Rights Access Key Access Key Sub Rights Access Key A	Open Open Open in new window Expand selection Carles Carles Save Define Targets Assign®errove to a group of users	Name Number of activated rights Number of permanent seats User Rights Linked to	o-Target1 Definition Ebusiness Mono-Target1 0 0	
Define Targets		9. i 🗊 😁 🚁 💷	inter-Bibliotheg	OUES *** Upward view

However, for the eBusiness Build targets, there are two specific fields to complete, 'middleware' and 'Oriented Object Language', they display when you select some of the choices in the other fields.

Business Target Create new item of eBusiness targe	ıt	
Operating System	IBM AIX	<u>×</u>
TP Monitor	Native (IBM AIX)	×
Database	DB2	<u>×</u>
Middleware	TCP-IP	*
Oriented Object Language	JAVA	•
What do you want to do when finish	ied ?	
 Open the browser Do another creation 		
	and the second sec	
	< <u>⊟</u> ack <u>N</u> ex	t>> <u>F</u> inish <u>C</u> ancel

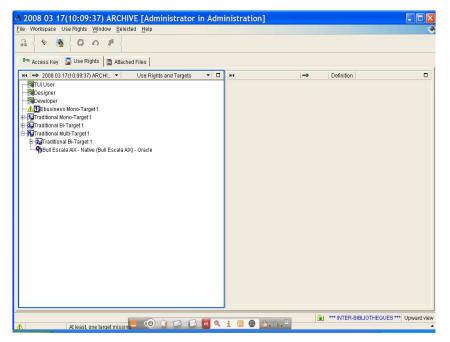
Once all the parameters are completed, press *Finish*.

3. VALIDATION

Once the target is defined and the *Finish*. button pressed, a message warns you that it is not possible to modify or delete the target once it is saved. Click *OK* to validate.



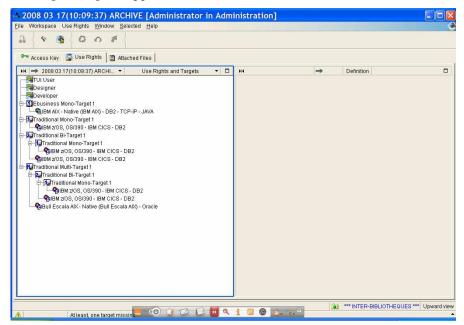
If you find an error as regards the target definition, ask for a new key to VisualAge Pacbase. Technical Support.



Traditional Build target defined.

Note that the \triangle icon is no longer in the list.

Repeat the operation for each target to define. When they are all defined, the warning message disappears from the bottom of the window.



All Build target defined.

Ŧ

Once all the targets have been chosen, a message indicates that you should publish and send the 'Access Key' document to the VisualAge Pacbase Support team.

Updating Use Rights

Presentation

Defining an adequate number of use rights is the Administrator's entire responsibility, knowing that no quantitative control is performed during this operation: for any given use right, the number of assigned rights may be greater than the quantity purchased. When a key assigns more rights at the target level, i.e. when a bi-target is transformed into a multi-target in the new key, the number of licenses per target must be taken into account.

However, regarding build rights, a user cannot be assigned a right which includes (or is included in) a right he/she already owns. For instance, if a user owns a mono-target right, you cannot give him/her the bi-target nor the multi-target rights which include this mono-target right (or else you must first remove this mono-target right). Identically, you cannot assign a mono-target right to a user who already owns a bi-target or a multi-target right that includes this mono-target right.

When the number of mono-target and bi-target licenses, or mono-target, bitarget and multi-target licenses is identical, you must assign the highest level.

A Use Right may also be assigned on a permanent basis (from version 3.5 Y04A onwards). When a user has been assigned this right, his/her connection is ALWAYS accepted. Permanent rights (whether active or inactive) are always included in the active seats daily count for a given use right, the number of active seats can never exceed the quantity purchased. A quantitative control is then performed whenever a permanent right is assigned.

The rights assigned to a user may be removed from him/her at any time and can be assigned to another user. This transfer will only be effective the day after if the user has used his/her rights that very day.

Two categories of rights can be assigned or removed: the update facility rights and the build facility rights.

Such an operation can be performed for a User, a group a Users or a Profile, from the list of rights of the *Use Rights* tab of the following browsers :

- **User**, you assign/remove use rights to/from users individually selected,
- Acces Key, a smartguide enables you to rapidly assign a use right to several selected users. The reverse operation is also possible; you can remove a right from several users at once,
- **Profile** from version 3.5 Y04D onwards. You can assign/remove use rights.

In batch mode, the rights are assigned or removed via the UKD1 procedure.

6...

For more information, refer to Chapter 3: Batch Management of Access Keys.

Refer to the Administrator workbench online help to know how to create Users.

Assigning/removing Use Rights

- f/ To open the smartguide in which you assign or remove use rights:
 - 1. Select a User in the Users list of the **Users** browser,
 - 2. Right click on the Assign/Remove Rights choice in the pop-up menu,

or click on the *Selected* menu of the toolbar and select the *Assign/Remove Rights* choice

or click on the Assign/Remove Rights icon in the toolbar.

Databases	🚳 👌 🍇 🔌		Profiles PT PacTransfer	S A Arrace Kove	Administra	tion Documents]	
Dulubuses			Sector Management	sers		and bordinents [
de	Label	Profile	Administrator language	Designer	Developer	Dumb term User Reader	
USER1	User 1	PROFILE	1		100 20	1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 - 1964 -	
USER3	User 2 User 3	PROFII PROFII	Open Open in new window Cory Refresh Discard changes Delete	Designer			
			Search references Search local references Save				
			Duplicate				
			import import/Create by code Select columns Create new Users Assign/Remove Rights				
			Users' Rights Sort by				

Smart Guide	×
Code USER2 Label User 2 Assign/Remove Rights	
Available Use rights Use rights given	
<u>F</u> inish <u>C</u> ancel	

The left panel displays the exhaustive list of the available use rights of the active Key.

The right panel displays all the rights owned by the user.

^A/[™] ASSIGNING A USE RIGHT

To assign a use right, select an available use right in the left panel and click on the right-facing arrow \rightarrow .

Repeat the operation until all necessary assignments are made.

Click on *Finish*. The User is now the owner of the use right.

^小/ memoving a use right

To remove a use right, select a use right in the right panel and click on the left-facing arrow \leftarrow .

Click on Finish.



Removing a use right becomes effective only the day after if a connection by this user has been accepted earlier in the day for the corresponding use right.

他/ Market Assigning/Removing A 'PERMANENT' RIGHT

A use right may also be assigned on a permanent basis. The user then benefits from a permanent seat regarding this use right: his/her connection is ALWAYS accepted. Permanent rights (whether active or inactive) are always included in the active seats daily count.

Smart Guide	×
Smart Guide	
<u> </u>	

To set (or remove) a right's permanent feature, tick (or untick) the *Permanent* checkbox in the Permanent column. You can enlarge the field with the cursor to display the whole name.



Removing a permanent feature is not possible if the user has already signed on during the day.

Click on *Finish* to save your updates.

Assigning/Removing Use Rights to/from a Group of Users

Use rights can be simultaneoulsy assigned to several Users.

A smartguide allows you to assign (or withdraw) a previously selected use right to several users at once.

①/薈 Open the smartguide:

You open the smartguide from the list of use rights in the *Use Rights* tab of the *Access Key* browser.

- Click on a target in the list, in the pop-up menu, select Assign/Remove to a group of users
- or in the Selected menu in the toolbar, select Assign/Remove to a group of users.

🔺 2008 03 17(10:27:04) ACTIVE [Administrator in	n Admini	stration]		
<u>File</u> Workspace Use Rights <u>Window S</u> elected <u>H</u> elp				
a < ♥ ∰ < C ∩ # <				
🖣 Access Key 📓 Use Rights 📄 Attached Files				
HI 🔿 2008 03 17(10:27:04) ACTIVE 🔻 Use Rights and Targets	•	🙀 🔿 Ebusiness Mond	p-Target 1	Definition 🛛
Portuger Portuger		Name Number of activated rights Number of permanent seats - User Rights Linked to - None>	Ebusiness Mo 0 0	
/ 📃 💿 👔 🖂 🔎	a	i 🔟 🕲 🔬 🐘 🔍	D *** IN1	FER-BIBLIOTHEQUES *** Upward view

In our example, we have selected a mono-target 1.

mart Guide As	sign/Remove to a group	o of users
Name	Ebusiness Mono-Target 1	
🥅 Give a Seat	Select the user(s)	Reset
Delete the Seat		
		<u>F</u> inish <u>Cancel</u>

心/ Assigning a use right to a group of Users:

- 1. Select the action to be performed: in our example: *Give a Seat*. The *Select the Users* button becomes available.
- 2. Click on this button. A Choose/create a User smartguide opens.
- 3. Import the Users to whom the seat will be given.

Subsequent or discontinued selections help you complete your users list gradually.

4. Click on *Finish*.

The following window then opens:

C guage Designer Designer
Designer

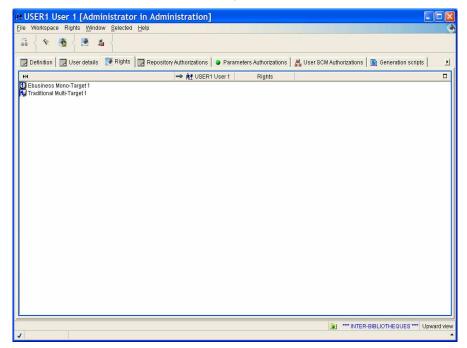
5. Select the users and click **OK**.

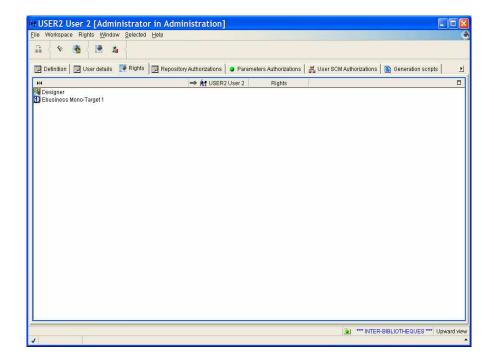
Smart Guide Ass	sign/Remove to a group of	users	×
Name	Ebusiness Mono-Target 1		
🔽 Give a Seat	Select the user(s)	Reset	
🗖 Delete the Seat			
ĥt USER1 User1 ĥt USER2 User 2			
		<u>F</u> inish <u>C</u> ancel	

The selected users are displayed in the smartguide.

- 6. Click on **Finish**.
- 7. Validation:

The Mono-Target 1 has been assigned to User 1 and User 2 (select each User in the **Users** browser, **Use Rights** tab).





Assigning/Removing a Profile's Use Rights



This management of use rights from the Profiles is available from version 3.5 Y04D onwards.

When you modify the rights of a Profile, this modification applies to all the Users of the Profile.

↔ To know how to create Profiles, refer to the Administrator workbench online help.

A smartguide enables you to assign/remove use rights to/from a Profile. It can be accessed from the *Profiles* browser.

- \mathcal{O}/\mathfrak{S} Open the smartguide from:
 - the pop-up menu: right-click on a Profile in the list of Profiles and select the *Assign/Remove Rights* choice,
 - Or the *Selected* menu of the toolbar, *Assign/Remove Rights* choice,
 - Or click on the Assign/Remove Rights icon in the toolbar

Workbench [Administrator in Adr le Workspace Profiles <u>Window Selected H</u> elp	ninistration]			
a { ♥ @ { ¥ ¥ ● @ #	001			
🖞 Databases 📔 Optional Command Lines Sets	🖸 Profiles 🛛 PT PacTransfer 🛛 👬	🛿 Users 🐴 Access Keys 🗎 Adminis	tration Documents	×
H Strategy Workbench VAP profiles	H4	PROFILE1 Profile 1	Definition	
PROFILE2 Profile 2	Open in new window Copy Refresh Distart changes Delete Search references Search local references Save Duplicate ImportCreate by code Create new VAP profiles Assign/Remove Rights Sort by	Code PROFILET Label Profile 1 Last Update : Mar 17, 2008 10.4* - Otobal access authorizations Libraries Procedures Parameters Environments	1.1 3 AM by ADMIN 0: None 0: None Show Parameter d. 0: None Show Parameter d.	
mart Guide		ja	*** INTER-BIBLIOTHEQUES ***	Upward view
Code PROFILE1 Label Profile 1 Assign/Remove Rights-				
Available Use rights	o-Target 1 D-Target 1 arget 1	Use rights given		
	Þ			
			<u>F</u> inish <u>C</u> a	ncel

Smartguide where the Profile's use rights are managed.

The left panel displays the exhaustive list of the available use rights of the active Key.

- The Update facility use rights 🍕
- The Build facility use rights: Mono-targets 🔟 and 🙀, bi-target 🛄, as well as multi-targets 🔟.

The right panel displays all the rights assigned to the Profile.

・行// ● ASSIGNING A USE RIGHT

To assign a use right, select an available use right in the left panel and click on the right-facing arrow \rightarrow .

Smart Guide	×
Smart Guide Code PROFILE1 Label Profile 1 Assign/Remove Rights Use rights given Available Use rights Use rights given • ↓ User Rights Perm • ↓ User Rights Perm	
ADesigner ADesigner ADeveloper ATUI User DEbusiness Mono-Target 1 ATraditional Mono-Target 1 ATraditional Bi-Target 1 ATraditional Multi-Target 1 ATraditional Multi-Target 1	
<u>Finish</u>	

Or click on the items of each list. The arrows are ungrayed when the use right assignment is compatible. In our example, the Traditional bi-Target 1 use right cannot be assigned to the Profile because the number of Traditional bi-Target 1 use rights is identical to the number of the Traditional multi-Target 1. Only the Traditional Multi-Target 1 use right can be assigned to the Profile.

Smart Guide
Code PROFILE1 Label Profile 1 Assign/Remove Rights Use rights given
<u>F</u> inish <u>C</u> ancel

Select a use right and assign it to the Profile. The \rightarrow arrow becomes ungrayed.

Smart Guide	X
Code PROFILE1 Label Profile 1 Assign/Remove Rights Use rights given	
<u> </u>	

Repeat the operation until all necessary assignments are made.

Click on *Finish*. The user is now the owner of the use right.

⑦/ REMOVING A USE RIGHT

To remove a use right, select a use right in the right panel and click on the left-facing arrow \leftarrow .

Smart Guide	N 100 100 100 100 100 100 100 100 100 10
Code PROFILE1 Label Profile 1 Assign/Remove Rights Available Use rights U ♣2008 03 17(10:27:04)	se rights given User Rights Perm Ebusiness Mono-Target 1
	<u>Finish</u> <u>C</u> ancel

When a use right is removed from a Profile, it is removed from all the Users who have this Profile.

Click on Finish.

⑦/ím ASSIGNING/REMOVING PERMANENT USE RIGHTS

A use right may also be assigned on a permanent basis; the user then benefits from a permanent seat regarding this use right: his/her connection is ALWAYS accepted. Permanent rights (whether active or inactive) are always included in the active seats daily count.

1. To set (or remove) a seat's permanent feature, tick (or untick) the corresponding checkbox in the *Permanent* column.

Smart Guide		×
Code PROFILE1 Label Profile 1 Assign/Remove Rights Available Use rights Available Use rights Obesigner Obesigner Developer Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Multi-Target 1	Use rights given User Rights Perm	
	<u> </u>	

You can enlarge the **Permanent** column with the cursor to display the whole name.

2. Click on *Finish* to save your updates.

Main Error Messages from Version 3.5 V03 onwards

The following error messages related to the use right assignment are displayed when connecting to VisualAge Pacbase and/or when requesting the generation of an entity.

ERROR MESSAGES	COMMENTS		
You do not own any right.	Update use right.		
Connection refused.	You must assign an update use right to your User.		
You do not own the dumb terminal	Update use right.		
right. Connection refused.	TUI connection refused.		
	You must assign a TUI update use right to your User.		
You do not own the Developer	Update use right.		
Right. Connection refused.	Connection to Developer Workbench or Pacbench refused.		
	You must assign a Developer update use right to your User.		
You do not own the Designer Right.	Update use right.		
Connection refused	Pacdesign connection refused.		
	You must assign a Designer update use right to your User.		
Generation refused: no right for	Build facility use right.		
generation.	The error is printed in the generation report.		
	You must assign the correct target to to your User.		
Generation refused: no appropriate right.	Incompatibility between the build targets and the generation variant of the entity.		
The maximum number of dumb terminal rights is reached.	The TUI update use rights have all been used for the day.		
The maximum number of Developers rights is reached.	The Developer update use rights have all been used for the day.		
The maximum number of Designers rights is reached	The Designer update use rights have all been used for the day.		
Generation refused: maximum number of rights is reached.	The Build Facility use rights have all been used for the day.		

Use Rights Activation

The Update and Build use rights are activated for the day and then become free again at the end of the day.

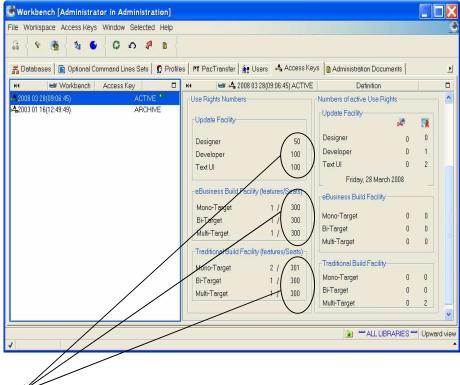
A seat becomes active the first time the user signs on (for the Update use rights) or the first time the user requests a generation (for the Build Facility use rights), and remains active for the rest of the day (until midnight exactly), even if -- in the meantime -- this user disconnects and reconnects one or more times.

When a bi-target use right is used, its dependent mono-target right is used too.

In the same way, using a multi-target right entails the use of its dependent use rights (bi-target and mono-target).

The number of **active seats** (when the use right's owners have signed on) can never exceed the number of a key's use rights.

In the Definition of an active key, you can see the number of use rights (in the 'Use Rights numbers' panel) and the number of active seats (in the 'Numbers of active Use Rights' panel), for the Update Facility, the eBusiness and Traditional Build Facility.



Display of the number of update rights purchased by the license in the active key.

The first column indicates the number of the target types purchased by the license and the second column displays the maximum number of users who are allowed to use them.

Sworkbench [Administrator in Administration]	
File Workspace Access Keys Window Selected Help	٢
🚮 Databases 🖹 Optional Command Lines Sets 🛛 🗗 Profiles 🛛 PT PacTransfer 🛛 👬 Users 🛛 📥 Access Keys 🐚 Administration Doct	iments 📃 🗾
🗰 📾 Workbench 🛛 Access Key 🗖 🙀 📾 🖧 2008 03 28(09:06:45) ACTIVE Definition	
ACTIVE Cuse Rights Numbers	ights 🔄 🔼
ARCHIVE Update Facility Update Facility	o# 🙀
Designer 50 Designer	
Developer 100 Developer	
TextUI 100 TextUI	
Friday 28 Man	sh 2008
reBusiness Build Facility (teatures/Seats) -	
Mono-Target 1 / 300	
Bi-Target 1 / 300 Mono-Target Bi-Target 1 / 300 Bi-Target	
Multi-Target 1 300 Multi-Target	
Traditional Build Facility (features/Seats)	
Mono-Target 2 / 301	
Bi-Target 1 / 280 Mono-Target	
Multi-Target 1 / 300 Bi-Target	
Multi-Target	
💿 ** ALLIE	BRARIES **** Upward view
	-

Dynamic display of the number of Update seats currenly used on the active key, i.e. the current number of active seats **a**.

The permanent active seats of are also displayed. A permanent seat is always considered active.

Chapter 3: Batch Management of Access Keys

Batch processing is available from version 3.5 Y03C onwards.

For versions 3.5 Y03C to 3.5 Y04D, only the use right assignment to Users and the activation of the keys in a context of an automatic renewal (identical rights) were available.

From 3.5 V05 onwards, keys can be activated, even when their attached rights have been modified, and use rights can be assigned on a Profie.

↔ For detailed information, refer to the Administrator's Procedures Guide.

SUMMARY OF INPUTS:

• Activation of use rights → 'K'-type line,

Enables you to indicate the key to be activated.



From V05 onwards:

If the number of permanent use rights exceeds the number of the 'n' number of use rights authorized by the new key, only the first 'n' permanent use rights will be kept (message printed in the report).

- Modification or assignment of use rights to Users → 'U'-type line
- Assignment of use rights ro Profiles → 'P'-type line.

•

Chapter 4. Key Management in Previous Versions

In versions earlier than version 3.5 V03X, the assigned licenses are activated when the user connects to VisualAge Pacbase. The license is valid for three months and must be activated before it expires.

When a User no longer needs a license which has been activated, this license may be used again after being transferred.

Renewing a Key with Identical Use Rights

[●]/ INSTALLING THE KEY

To enter the key code, open the key creation smartguide:

- 1. Click on the vicon in the toolbar or select *Create new Access Key* in the *Selected* menu, or right-click on the selected key and choose *Create new Access Key* in the pop-up menu.
- 2. Enter the key code in the **New Key** field.

a Workspace Access Keys Window Belock Help Access Keys		with view Upward view [Administrator in Adm	ninistration]	- 0
Create hey code Create hey code Create hew Access Key Create hew Access Create hew Access Create hew Access Create hew		ted Help		
Lotadases		A B		
\$2008 01 14(11:18:45) ACTIVE -		s 🖸 Profiles PT PacTransfer 👬 Users	🔺 Access Keys 🛛 💽 Licenses 🔒 Administration Documents	
	Sort by	Access Key 🔲	H Definition	[

Smart Guide				×
Create new Access Key			J	
New Key 123Q4V0XV0XV0XV04EZ1TR6C1234PG1E	EXABCDGDPV		XUV043V04QV04	1/AABCD
	≺≤ <u>B</u> ack	<u>N</u> ext>>	<u>F</u> inish	<u>C</u> ancel

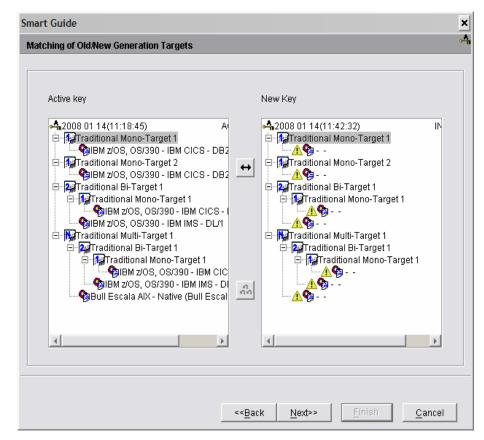
3. Then click on **Next**.

⑦/● MATCHING BUILD TARGETS

The following window lists, in a tree-like structure, the features of the build targets (mono-target, bi-target and multi-target) associated with the key for a Traditional and/or an eBusiness build facility (Traditional in our example). In this window, you are asked to match the current build targets with those of the new key.

Note that remaining undefined targets of the new key are marked by the Δ icon.

The Update use rights are automatically transferred as indentical use rights in the new key. This is the reason why they are never displayed here.



Build targets must be transferred one by one in versions earlier than 3.5 V03X.

- 1. Select a current Build target (left panel). Then, cursor down/up the New Key list (right panel); wherever the double arrow button ungrays, targets can be matched.
- 2. Click on the arrow.

Smart Guide Matching of Old/New Generation Targets	
Active key	Traditional Bi-Target 1 Traditional Bi-Target 1 Bi-Maraditional Mono-Target 1 Bi-Maraditional Mono-Target 1 Bi-Maraditional Multi-Target 1 Bi-Maraditional Multi-Target 1 Bi-Maraditional Bi-Target 1
	< <back next="">> Einish Cancel</back>

Once the target is transferred, the \triangle icon disappears from the new key and appears in the list of the active key.

Perform the same operation for each target.

Active key	New Key
2008 01 14(11:18:45) A Traditional Mono-Target 1 A Traditional Mono-Target 2 A Traditional Mono-Target 1 A Traditional Mono-Target 1 A Traditional Multi-Target 1 A Traditional Bi-Target 1 A Traditional Multi-Target 1 A Traditional Mono-Target 1	

3. Click on *Next* to view a summary of the new Key.

 New Key
A2008 01 14(11:42:32) INITIAL * TUI User Designer Developer ITraditional Mono-Target 1 ITraditional Mono-Target 2 ITraditional Mono-Target 2 ITraditional Bi-Target 1 ITraditional Mono-Target 1 ITraditional Mono-Target 1 ITraditional Mono-Target 1 ITraditional Bi-Target 1 IBM z/OS, OS/390 - IBM CICS - DB2 IBM z/OS, OS/390 - IBM CICS - DB2 ITraditional Bi-Target 1 IBM z/OS, OS/390 - IBM CICS - DB2 IBM z/OS, OS/390 - IBM IMS - DL/1 ITraditional Bi-Target 1 IBM z/OS, OS/390 - IBM CICS - DB2 IBM z/OS, OS/390 - IBM IMS - DL/1 IBM Z/OS, OS/390 - I

4. Simply click on *Finish* to save the transfer.

The red arrow indicates that your updates are being uploaded to the server.



Double check all the information displayed. After pressing the *Finish* button you will no longer be able to modify the choices defined in this panel.

The key is archived.

^个/ ACTIVATING THE KEY

1. Select the new key in the keys list and choose *Access key activation* in the pop-up menu (right-click) or the *Selected* menu in the toolbar.

The following smartguide then opens:

The Access key activation smartguide enables you to renew the build facility use rights almost automatically.

Access key activation		×			
Current Use rights	Matchings				
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1	→				
Future Use rights					
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1	~				
Licenses without matchings					
Traditional Multi-Target 1	PDMEA PDMEA PDNM	PDMEA PDMEA PDNM			
		<u>F</u> inish <u>C</u> ancel			

This smartguide allows you to reassign to users the use rights they already own in the current Key.

There is no control over the number of assigned use rights: it can be greater than the quantity provided for by the Access Key.

In the left part of the window, the current use rights of the active key are displayed with, below the future use rights of the new key.

2. Select a current use right (left panel). Then, cursor down/up the New Key list (right panel); wherever the right-facing arrow button ungrays, use rights can be matched. Incompatible matchings (eg an eBusiness right matched with a Traditional right) are automatically inhibited.

The 'Matchings' panel indicates the matchings as you are defining them, between the current and the future build rights.

Access key activation					×
Current Use rights		Matchings			
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1		Traditional Mono)-Target 1 > Traditi))-Target 2 > Traditi) Irget 1 > Traditiona	onal Mono	
Future Use rights	_ →				
Traditional Mono-Target 1					
		4		Þ	
	Licenses witho	ut matchings			
ATraditional Multi-Target 1		PDMEA PDNM	PDMEA PDNM		
			<u>F</u> inish	<u>C</u> ancel	

The 'Licenses without matchings' list displayed in the bottom panel of the smartguide empties as you indicate new matchings. The **R** icon indicates that the licenses have been activated (with a 3-month validity).

Access key activation		×
Current Use rights	Matchings	
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1	Traditional Mono-Target 1 > Traditional Traditional Mono-Target 2 > Traditional Traditional Bi-Target 1 > Traditional Bi- Traditional Multi-Target 1 > Traditional I	Mono Target
	_ →	
Future Use rights		
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1	~	
	4	F
Licen	ses without matchings	
	<u> </u>	<u>C</u> ancel

When the 'Licenses without matchings' list is empty, all the licenses have been transferred.

3. Click on *Finish* and go back to the keys list. You can see that the key becomes active and that the previous key is archived.

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🖁 Databases 🛛 🛅 Optional Command Lines Sets 🗍 😰 Profiles 🛛 PT PacTransfer 🛛 🏘 User	s 🔺 Access Keys 📴 Licenses 🔋 Administration Documents
🖬 🔿 Workbench 🛛 Access Key 🗖	🛏 🔿 🔩 2008 81 14(11:42:32) ARCHIVE Definition 🛛
2008 01 14(11:42:32) ACTIVE Cm	-Administration Information
2008 01 14(11:18:45) ARCHIVE 2003 01 16(12:49:49) ARCHIVE	S0WQ4VOX/VOX/VOXEZ1TR6C&&&669 EXS02P6D0WVOX8VOX8VOXUV043V04QV04 Last Update : Jan 14, 2008 11:45:10 AM by ADMIN Rank 0 Expiration Date 2008 04 State IBME2*001 State Xexther key Development Platform WNT

Renewing a Key with Reduced Use Rights

[●]/ INSTALLING THE KEY

After entering the key code, the 'Matching of old/new generation targets' window opens. There, you must transfer the use rights of the active key to the new key by matching the build targets. To know how to enter the key code, refer to subchapter <u>Renewing a Key with Identical Use Rights</u>.

⑦/m MATCHING BUILD TARGETS

The following window lists, in a tree-like structure, the build target types (mono-target, bi-target and multi-target) associated with the key for a Traditional and/or an eBusiness build facility (Traditional in our example). In this window, you are asked to match the current build targets with those of the new key.

Note that remaining undefined targets of the new key are marked by the Δ icon.

The Update use rights are automatically transferred as identical use rights in the new key. This is the reason why they are never displayed here.

Smart Guide Matching of Old/New Generation Targets			× •^
Active key		New Key	
A 2008 01 14(11:42:32) Traditional Mono-Target 1 DIBM z/OS, OS/390 - IBM CICS - DB2 Traditional Mono-Target 2 DIBM z/OS, OS/390 - IBM CICS - DB2 Traditional Bi-Target 1 DIBM z/OS, OS/390 - IBM CICS - I DIBM z/OS, OS/390 - IBM IMS - DL/1 Traditional Multi-Target 1 DIBM z/OS, OS/390 - IBM IMS - DL/1 DIBM z/OS, OS/390 - IBM CICS - I DIBM z/OS, OS/390 - IBM IMS - DI DIBM z/OS - DIBM z/OS - DIBM Z/OS - DIBM IMS - DI DIBM z/OS - DIBM z/OS - DIBM Z/OS - DIBM Z/OS - DIBM IMS - DI Z/OS - DIBM Z/OS - DIB	↓	A2008 01 14(11:50:37) IN Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Mono-Target 1 A Traditional Mono-Target 1	
▲		4 •	
	<< <u>B</u> a	k Next>> <u>Finish</u> <u>C</u> ancel	

The smartguide opens once you have entered the key code and clicked on *Finish*.

You can see that in the new key, the highest traditional right is no longer the multi-target but the bi-target.

atching of Old/New Generation Targets		
Active key		New Key
A 2008 01 14(11:42:32) A Traditional Mono-Target 1 Traditional Mono-Target 2 BIBM z/OS, OS/390 - IBM IMS - DL/1 Traditional Muti-Target 1 BIBM z/OS, OS/390 - IBM IMS - DL/1 Traditional Bi-Target 1 BIBM z/OS, OS/390 - IBM IMS - DI BIBM z/OS, OS/390 - IBM IMS - DI	↔	2008 01 14(11:50:37) IN Traditional Mono-Target 1 BM z/OS, OS/390 - IBM CICS - DB2 Traditional Bi-Target 1 FTraditional Mono-Target 1 BM z/OS, OS/390 - IBM CICS - I SIBM z/OS, OS/390 - IBM CICS - I
	e.e.	
Still 1 traditional target(s) to transfer		

- 1. Select a current Build target in the active key (left panel).
- 2. In the list of the new key (right panel), cursor down/up; wherever the double arrow button ungrays, targets can be matched.
- 3. Click on the ungrayed arrow.

Incompatible matchings (eg an eBusiness target matched with a Traditional target) are automatically inhibited.

When two compatible Build features are selected, all the targets which belong to the current feature are automatically transferred onto the future feature (as well as the feature's possibly modified name).

Note that the 'permanent' characteristic is also transferred, provided it is authorized by the key.

If you are not satisfied with your current matching, press the triple-arrow button. All matchings are cleared out.

4. Once all due matchings are made, click *Finish* to view a summary of the rights associated with the new key.

Smart Guide	×
Matching of Old/New Generation Targets	۰ 4
Active key	New Key A 2008 01 14(11:50:37) Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Bi-Target 1 Traditional Bi-Target 1 Traditional Mono-Target 1 Traditional Mono-Targ
	< < <back< td=""> Next>> Finish Cancel</back<>

5. Click on *Finish* to save the new Key with a temporary ARCHIVE status.

\$ { \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
🕯 Databases 🛛 🛅 Optional Command Lines Sets 🗍 🔓 Profiles 🗍 PT PacTransfer 🕯 🙀 U	sers 🔩 Access Keys 📑 Licenses 🔒 Administration Documents
🖌 👄 Workbench 🛛 Access Key	🗆 🙀 🔿 🔩 2008 01 14(11:50:37) ARCHIVE Definition
2008 01 14(11:50:37) ARCHIVE	-Administration Information
2008 01 14(11:42:32) ACTIVE ⁶ 77 2008 01 14(11:18:45) ARCHIVE 2003 01 16(12:49:46) ARCHIVE	S0W04V0XV0XV0XV04EZ1TR6C&&&6PG1EUS62PG93WV0X8V0XXV04JV043V04QV04 Last Update : Jan 14, 2008 11:52:16 AM by ADMIN Rank 0 Expiration Date 2008 04 Site IBMDEV*001 Status Archine Key Development Platform WNT
	Licenses Numbers Update Facility Designer 10 Developer 10 Text UI 10 Reader 0 eBusiness Build Facility (features(Licenses)) Mono-Target 0 / 0 Bi-Target 0 / 0 Multi-Target 0 / 0 Multi-Target 0 / 0
	x 4 x x x

In case of error, you do have the possibility to contact the VisualAge Pacbase Support. You will then soon receive another Key with identical contents but bearing an identifying order number. Operations already described above will have to be done again for this new Access Key.

・¹/ [「] ACTIVATING THE KEY

- 1. Select the new key in the keys list,
- 2. choose *Access key activation* in the pop-up menu (right-click) or the *Selected* menu in the toolbar.

The Access key activation smartguide enables you to renew the build facility use rights almost automatically.

The following smartguide then opens:

Access key activation	×
Current Use rights Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1 Traditional Multi-Target 1 Future Use rights Traditional Mono-Target 1 Traditional Bi-Target 1	→ Matchings
License	without matchings
Traditional Multi-Target 1	PDMEA PDMEA PDMEA PDMEA PDNM PDNM
	<u> </u>

The active key contains a traditional multi-target build right. The new key allows to replace it with a traditional bi-target build right.

As a result, all the users who owned the multi-target right will own the bitarget right. You assign the new bi-target right (i.e. the highest level in the new key) to all the users who own the 'multi-target' right (i.e. the highest level in the active key).

Also, these users are automatically assigned the dependent use rights (ie monotarget rights). So in our example, their rights have been reduced. 3. In the 'Future use rights' panel, cursor down/up; wherever the right-facing arrow button ungrays, a match is possible. Incompatible matches (eg an eBusiness feature or target matched with a Traditional feature or target) are automatically inhibited.

The 'Matchings' panel indicates the matchings as you are defining them, between the current and the future build rights.

Access key activation				×
Current Use rights		Matchings		
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1	_	Traditional Mono	o-Target 1 > Traditio	nal Mono
	→			
Future Use rights				
Praditional Mono-Target 1	-	4		×
	Licenses witho	ut matchings		
Traditional Multi-Target 1		PDMEA PDMEA PDNM	PDMEA PDMEA PDNM	
			<u> </u>	<u>C</u> ancel

The icon indicates that the licenses have been activated (with a 3-month validity).

Current Use rights	Matchings
Traditional Mono-Target 1 Traditional Mono-Target 2 Traditional Bi-Target 1 Traditional Multi-Target 1	Traditional Mono-Target 1 > Traditional Mon Traditional Multi-Target 1 > Traditional Bi-Ta
	→
Future Use rights	
Traditional Mono-Target 1	~
Lice	enses without matchings
🙀 Traditional Mono-Target 2	PDMEA PDMEA

When the 'Licenses without matchings' list is empty, it means that all the licenses have been transferred.

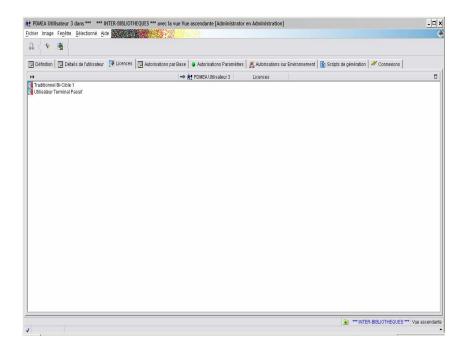
The mono-target 2 no longer exists in the new key; so its license cannot be transferred to the new key. It remains in the list of the licenses without matching.

Activation de la clé d'accès	×
Droits acquis courant	Correspondances
Traditionnel Mono-Cible 1	Traditionnel Mono-Cible 1 > Traditionnel Mon Traditionnel Multi-Cible 1 > Traditionnel Bi-Ci
Droits acquis futurs	
Traditionnel Mono-Cible 1	
Licences sans o	
Traditionnel Mono-Cible 2	PDMEA PDMEA
	<u>T</u> erminer <u>A</u> nnuler

4. Click on *Finish*. You can open the *Licences* tab of each User to check that all the use rights have been modified. You will then see that their rights have been reduced on the new key:

	PDNM USER 1 in *** *** ALL LUBRARIES *** with view Upward view (Administrator in Administration) e Workspace Window Seeded Heb	- 🗆 ×
	🔄 Definition 🔄 User details 🚺 Utenses 🛃 Repository Authorizations 🛛 💿 Parameters Authorizations 🛛 🧱 User SCM Authorizations 🖉 Generation scripts 🖋 Connections	
	₩ → M PDNM USER 1 Seats	
	TUI User Traditional BFTarget 1	
	2 *** ALL LIBRARIES *** Upw	ard view
1		*

The Users who owned a muti-target 1 right in the previous key now only own a bitarget 1 right.



Renewing a Key with Higher Rights

⑦/≤ INSTALLING THE KEY

After entering the key code, the 'Matching of old/new generation targets' window opens. There you must transfer the use rights of the active key to the new key by matching the build targets.

^小/薈 MATCHING BUILD TARGETS

The following window lists, in a tree-like structure, the features of the build targets (mono-target, bi-target and multi-target) associated with the key for a Traditional and/or an eBusiness build facility (Traditional in our example). In this window, you are asked to match the current build targets with those of the new key.

Note that remaining undefined targets of the new key are marked by the \triangle icon.

The Update use rights are automatically transferred as identical use rights in the new key. This is the reason why they are never displayed here.

In our example, the new key adds an ebusiness mono-target right and a traditional multi-target right.

First, all the current features/targets must be matched - with possible redispatching. In other words, existing targets may be associated with different features, knowing that all existing targets are necessarily renewed. When the new Key adds a multi-target feature, its dependent bi- and/or mono-target features may be associated with different Build targets.

Smart Guide		<
Matching of Old/New Generation Targets	0	.
Active key Active key Active key Active law statement of the law stat	2 → ①Ebusiness Mono-Target 1 → ① - Traditional Mono-Target 1 → ① - ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	
	I I	
	<< <u>B</u> ack <u>N</u> ext>> <u>Finish</u> <u>C</u> ancel	

- 1. Select a current Build feature or target on the active key (left panel). .
- 2. In the 'New Key' list (right panel), cursor down/up the New Key list (right panel); wherever the double arrow button ungrays, targets can be matched.

Incompatible matchings (eg an eBusiness feature or target matched with a Traditional feature or target) are automatically inhibited.

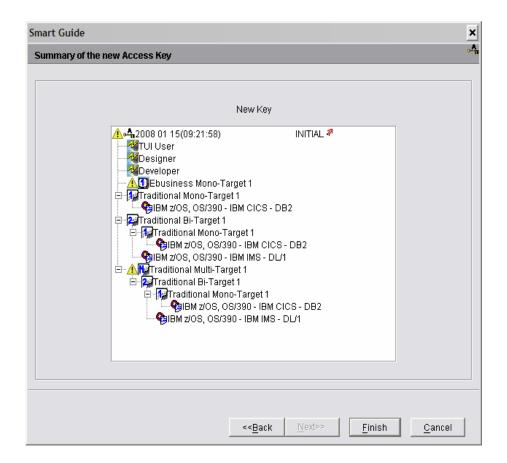
When two compatible Build features are selected, all the targets which belong to the current feature are automatically transferred onto the future feature (as well as the feature's possibly modified name).

Note that the 'permanent' characteristic is also transferred, provided that it is authorized by the key.

If you are not satisfied with your current matching, press the triple-arrow button. All matchings are cleared out.

New Key
A2008 01 15(09:21:58) IN Bebusiness Mono-Target 1 A
) I

3. Once all due matchings are made, click *Finish* to view a summary of the rights associated with the new key.



The remaining undefined build targets (traditional multi-target and eBusiness in our example) are marked with a \triangle icon. They will have to be defined to allow the key activation.

4. Click on *Finish* to save the new Key with a temporary ARCHIVE status.

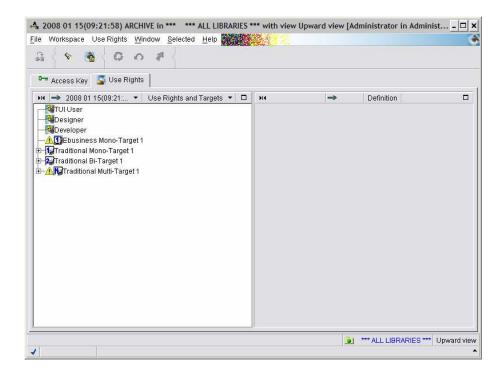
e Workspace Access Keys Window Selec	- Balanana Source	
🖞 Databases 📔 🛅 Optional Command Lines S	ets 🛛 🚰 Profiles 🗍 PT PacTransfer	🛉 Users 🖾 Access Keys 💽 Licenses 🗎 Administration Documents
H	Access Key	🗆 🛤 👄 🔩 2008 01 15(09:21:58) ARCHIVE 🛛 Definition 🔤
	HIVE	- Administration Information
\$2008 01 14(11:50:37) ACTW \$2008 01 14(11:32:22) ARCH \$2008 01 14(11:18:45) ARCH \$2008 01 16(12:49:49) ARCH \$2003 01 16(12:49:49) ARCH	VE VE	U0W04V0XV0XV04EZ1TR5C&&&6P01EUS02P040WV0X8V00KV0XUV06EV040V0- Last Update : Jan 15, 2008 9:23:32 AM by ADMIN Rank 0 Expiration Date 2008 06 Status Archive key Development Platform WNT
		Ucenses Numbers Update Facility Designer 10 Developer 10 Text UI 10 Reader 0

・¹/ ● DEFINING BUILD TARGETS

When you select the new temporary archived key in the keys list, a message warns you that at least one build target is missing. As long as the remaining targets have not been defined, the key cannot be activated.

You define the targets from the use rights list (*Use Rights* tab in the browser of the new key), *Target Definition* choice in the pop-up menu (open with a right-click) or the *Selected* menu in the toolbar.

G√ The target definition is detailed in <u>Chapter 2. Use Rights Management</u>, <u>How to</u> <u>define Build Targets</u>.



^小/薈 ACTIVATING THE KEY

- 1. Select the new key in the keys list,
- 2. choose *Access key activation* in the menu which you open via a right-click or the *Selected* menu in the toolbar.

The Access key activation smartguide enables you to renew the build facility use rights almost automatically.

In our example, we want to assign all the Users who own a traditional bi-target right in the current key, a traditional multi-target right in the new key. Users automatically benefit from the dependent rights (a bi-target and a mono-target right).



Traditional targets and eBusiness targets are to be dealt with separately, you cannot redispatch rights between them. Incompatible matchings are inhibited, as the arrows remain grayed.

As this facility allows you to manage groups of Build rights, some matching may still not respond exactly to future access needs. For example, the key adds a mono-target eBusiness right which did not exist in the current key; this is an unmatched right in the active key. So you can make unitary adjustments in the *Use Rights List* or in the *Users List*.

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For more details, refer to Chapter 2. Use Rights Management.

The following smartguide opens:

Access key activation		×
Current Use rights	Matchings	
	→	
Future Use rights Ebusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Multi-Target 1		
	Licenses without matchings	
Traditional Bi-Target 1	PDMEA PDNM	PDMEA PDNM
		<u>F</u> inish <u>C</u> ancel

The **R***icon indicates that the licenses have been activated (with a 3-month validity).*

3. In the 'Future use rights' panel, cursor down/up; wherever the righ-facing arrow button ungrays, a use rights matching is possible. Incompatible matchings (eg an eBusiness feature or target matched with a Traditional feature or target) are automatically inhibited.

The 'Matchings' panel indicates the matchings as you are defining them, between the current and the future build rights.

Current Use rights Traditional Mono-Target 1 Traditional Bi-Target 1	Matchings Traditional Mono-Target 1 > Traditional Mor
	→
Future Use rights Ebusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Multi-Target 1	←
Lic	enses without matchings
Traditional Bi-Target 1	PDMEA PDMEA PDNM PDNM

Access key activation	×
Current Use rights	Matchings
Traditional Mono-Target 1	Traditional Mono-Target 1 > Traditional Mono Traditional Bi-Target 1 > Traditional Multi-Tarı
→	1
Future Use rights	
Ebusiness Mono-Target 1]
	4 F
Licenses with	out matchings
	<u>F</u> inish <u>C</u> ancel

When the 'Licenses without matching' list is empty, all the licenses have been transferred.

In our example, the highest right of the active key (Traditional bi-target) is matched with the highest right of the future key (traditional multi-target).

4. Click on *Finish* to activate the key. The status of the new key changes from ARCHIVE to ACTIVE.

3 < V 🖄 < 🖞 🗣 < 🗘 🗛 🖉 🖉	
🖞 Databases 🛛 🗈 Optional Command Lines Sets 🛛 🥵 Profiles 🏾 PT PacTransfer 🛛 🏘 Users	🕰 Access Keys 🛛 🌠 Licenses 🛛 📴 Administration Documents
	H - 4 2008 01 15(09:21:58) ARCHIVE Definition
2008 01 15(09:21:58) ACTIVE	-Administration Information
A2008 01 14(11:42:32) ARCHIVE 2008 01 14(11:845) ARCHIVE A2003 01 18(12:49:49) ARCHIVE	UVMOV240X0X0X0X04EZ1TR6C8888F01EUS02P040WV0X8V0X0XV06EV040VC Last Update : Jan 15, 2008 9:24:54 Mb ty ADMIN Rank 0 Expiration Date 2008 06 Site IBMDEV*001 Status Archine key Development Platform WhT
	Ucenses Numbers Update Facility Designer 10 Dewoloper 10 Text UI 10 Reader 0 PBUsiness Build Facility (features/Licenses) Mono-Target 1 / 3 Bi-Target 0 / 0 Muth-Target 0 / 0 Traditional Build Facility (features/Licenses)

Ranked Key

A ranked key can be sent by the technical support when one or more targets are erroneous. It differs from the other keys because its rank is not zero (see the *rank* field in the Administration information of the key Definition).

Here below, you will find an example in which an eBusiness mono-target 1 must be redefined, and so be transferred.

[●]/ INSTALLING THE KEY

After entering the key code, the '*Matching of old/new generation targets'* window opens. There you must transfer the use rights of the active key to the new key by matching the use rights.

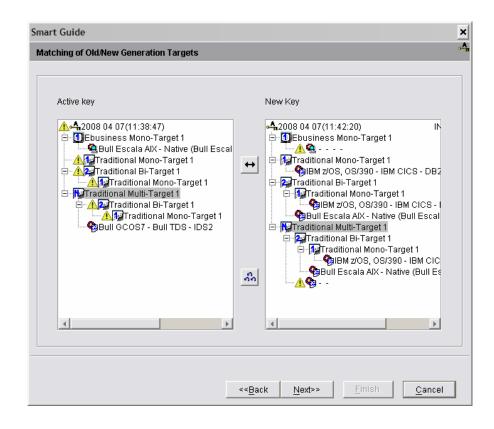
^小/[←] MATCHING BUILD TARGETS

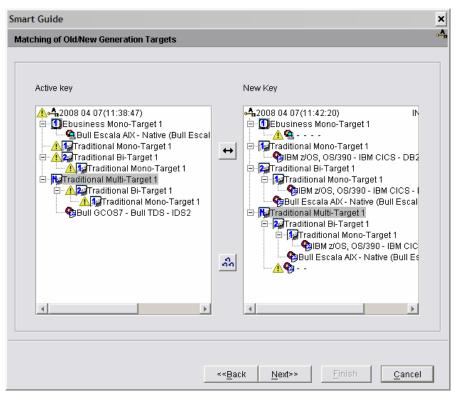
The procedure consists in **not transferring** the erroneous target to the new key when build targets are matched (in the 'Matching of old/new Generation targets' smartguide) and to redefine the erroneous target before activating the key.

Smart Guide Matching of Old/New Generation Targets Active key	New Key	× •4
Actional Bi-Target 1 Actional Multi-Target 1 Actional Bi-Target 1 Actional Bi-T	 ♣2008 04 07(11:42:20) ➡ Ebusiness Mono-Target 1 ➡ Traditional Mono-Target 1 ➡ Traditional Bi-Target 1 ➡ Trad	8-1
	4	Þ
E	<< <u>B</u> ack <u>N</u> ext>> <u>Finish</u> <u>C</u> a	ncel

- 1. Select a current Build target in the active key (left panel).
- 2. .In the right panel, cursor down/up the 'New Key' list, wherever the double arrow button ungrays, matching of targets is possible.

The eBusiness mono-target 1 must not be transferred, it will have to be redefined. The other targets can be transferred.





3. Click on *Finish* to save the new Key with a temporary ARCHIVE status.

The build target which is not transferred on the new key will be preceded by the \triangle icon until it is redefined.

3	Ŷ	1	4	• <	C	Ω	4	۵												
🕇 Da	tabases	🗈 o	ptional	Comma	ind Lir	nes Sets	0	Profile	s PT Pa	cTransfer	🛉 🏦 Us	ers	🐴 Access Keys	License	s 🛛 🔒 Administr	ation Do	cuments	Ì		
-				→ Wo	rkben	ch /	Acces:	s Key			C	3	H -> 🐴 200	8 01 15(10:05:	25) ARCHIVE		Det	inition		C
	008 01 1 8 01 11(1												-Administration In	formation						
200	8 01 11(1 8 01 11(1 8 01 09(1 3 01 16(1	1:29:17 7:00:47)		Al Al	RCHIVE RCHIVE RCHIVE RCHIVE							U0WQ4VOXVOX Last Update : Ja Rank Expiration Date Site Status Development Pla	n 15, 2008 10:		11N 01	XT7VOX8\	Access	W06EV04QV key Rank 0 8 01 11(11:5)	
														Up De Tei Re eBi Mic Bi-	es Numbers date Facility veloper d UI ader usiness Build Fa no-Target Target Ith-Target <u>B+Tar</u> ditional Build Fa	rget	1 / 0 / 0 /	3 0 0		
												16	+	-11a	unional Dunu Pa	entry (itte	Nore or Life			

・¹/ DEFINING THE TARGETS

The eBusiness target must be redefined.

The target definition is detailed in chapter <u>Chapter 2. Use Rights Management</u>, <u>How to define Build Targets</u>.

Access Key SUe Rights H 2008 04 07(11:42: * Use Rights and Targets * Image: Contract of the second s			<u>E</u> elected <u>H</u> elp			l view [Administrator	
1	H 2008 04 07(11 UUSer Designer Developer Debusiness More Traditional Mono- Designer	;42: ▼ Use Ri no-Target 1 Farget 1 jet 1	ghts and Targets 🔻 🗖	bid	→	Definition	

ペー/ 価 ACTIVATING THE KEY

1. Select the new key in the list of keys,

2. Choose *Access key activation* in the menu which you open via a right-click or the *Selected* menu in the toolbar.

Current Use rights	Matchings
DEbusiness Mono-Target 1 Traditional Mono-Target 1 20 Traditional Bi-Target 1 No Traditional Multi-Target 1	
Future Use rights	
Ebusiness Mono-Target 1 Ebusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1	*
Licer	es without matchings
Traditional Multi-Target 1	PDNM PDNM PDMEA PDMEA

The Access key activation smartguide enables you to renew the build facility use rights almost automatically.

The **icon** *indicates that the licenses have been activated* (*with a* 3*-month validity*).

Each use right of the current key must be transferred to the new key:

3. In the 'Future use rights' panel, cursor down/up; wherever the righ-facing arrow button ungrays, a match is possible. Incompatible matchings (eg an eBusiness feature or target matched with a Traditional feature or target) are automatically inhibited.

Access key activation	×
Current Use rights	Matchings
Ebusiness Mono-Target 1	Ebusiness Mono-Target 1 > Ebusiness Mono
Traditional Bi-Target 1	
Traditional Multi-Target 1	
	→
Future Use rights	
Ebusiness Mono-Target 1	
Traditional Mono-Target 1	←
Partraditional Bi-Target 1	
P 300	
I	censes without matchings
Traditional Multi-Target 1	PDNM PDNM
Traditional Multi-Target 1	PDMEA PDMEA
	Finish Cancel

ebusiness mono-target 1.

Current Use rights	Matchings
Ebusiness Mono-Target 1 Traditional Mono-Target 1 Traditional BI-Target 1 Traditional BI-Target 1	Ebusiness Mono-Target 1 > Ebusiness Mono-Target 1 > Traditional Mono-Target 1 > Traditional Mono
Future Use rights	
DEbusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Bi-Target 1	
Traditional Multi-Target 1	PDNM PDNM PDMEA PDMEA
Traditional Multi-Target 1	1 81111

Traditional mono-target 1.

Access key activation		×
Current Use rights	Matchings	
DEbusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Bi-Target 1	Ebusiness Mono-Target 1 > Ebusine Traditional Mono-Target 1 > Tradition Traditional Bi-Target 1 > Traditional B Traditional Multi-Target 1 > Traditional	nal Mono Bi-Target
	\rightarrow	
Future Use rights		
Ebusiness Mono-Target 1 Traditional Mono-Target 1 Traditional Bi-Target 1 Traditional Bi-Target 1 Traditional Multi-Target 1		
Lice	enses without matchings	
	Finish	Cancel
	<u></u>	

Traditional bi-target 1 and multi-target 1.

The 'Matchings' panel indicates the matchings as you are defining them, between the current and the future build rights.

4. Click on *Finish* to activate the key. The status of the new key changes from ARCHIVE to ACTIVE.

After activating the ranked key, it will be impossible to activate the lowerranked keys again, even if they have not expired yet.

Assigning/Removing licenses

All the licenses assigned to a User are activated when this User first connects to a development database.

Licences are valid for 3 months.

When an active license is removed, it can be transferred.

When assigning licenses, you must first assign the transferable licenses.

ペー REMOVING A LICENSE FROM A USER

Example of the removing of a User's rights. Licenses can be transferred.

· { ♥ 🐴 { ₪ (
, Databases 🛛 🛅 Optional Co	ommand Lines Sets	🖸 Profiles	PT PacTransfer	s 🐴 Access Keys	💽 Licenses	Administration	Documents		
(-		ess Key	۵	H - A 2008	01 14(12:08:22)	ARCHIVE	Defir	nition	
2008 01 14(12:08:22)	ACTIVE O-			-Administration Info	motion				
2008 01 14(11:57:23)	ARCHIVE			-Administration into	rmauun				
008 01 14(11:50:37)	ARCHIVE			U0WQ4VOXVOXV	XVO4EZ1TR60	C&&&6PG1EUSG2	PGXT7VOX8V	DXXVOXUV06EV04	QVO-
2008 01 14(11:42:32) 2008 01 14(11:18:45)	ARCHIVE			Last Update : Jan	14, 2008 12:11:	48 PM by ADMIN			
003 01 16(12:49:49)	ARCHIVE			Rank		1		Access key Rank ((—
				Expiration Date Site		2008 06 IBMDEV*001			
				Status		Archive key		A2008 01 14(11	:57:
				Development Platfo	orm	WNT			
					-Licenses -Updat	Numbers			
					Desig	iner		10	
					Devel	oper		10	
					Text U	Л		10	
					Read	er		0	
					eBusi	ness Build Facility	(features/Licer	nses)	
					Mono	-Target	17	3	
					Bi-Ta	rget	0 /	0	
						Target	0 /	0	
					-Tradit	ional Build Facility	(featureed icor	0000)	

- 1. From the Users browser, select the User whose rights must be modified,
- 2. Right click and select **Assign/remove** licences in the pop-up menu.

		ARIES *** with view Upward view [/	Administrator in Ad	ministration]		_ 🗆 ×
12		6 🖲 🛔 🗘 ဂ 🖗	0			
👬 Databases	📑 Optional Comma	ind Lines Sets 🛛 🔓 Profiles 🗍 PT Pac	Transfer 🙀 Users	🗛 Access Keys 🛛 💽 Licenses	Administration Documents	
H	→ Wo	rkbench Users	۵	HH 🔿 🛉 PDNM U	tilisateur 1 Definition	٥
ĂPPOLE APOLEA REPOINM	User 2 User 3 User 1	Open Open in new window Copy Refreeh Discard changes Dieteie Search local references Save Duplicate Upplicate Create new Users Create new Users Sort by		Code PDNM Label User1 Last Update: Jan 11 Profile €PROFIL1 Change password Language Use rights given Developer Ver TUl user Developer ✓ TUl user For build facilities license	I, 2008 11:55:33 AM by ADMIN PROFIL 1 Administrator : Default	
1					i *** ALL LI	BRARIES *** Upward view

A message indicates that all the licenses and the User's information will be loaded and asks you to confirm.

3. Click **OK**.

Please confirm
Loading all Licenses and the user's information. Do you want to continue ?
nart Guide 🗙
Available Use rights Code PDNM Label Designer User Traditional Mono-Target 1 User 1 Traditional Bi-Target 1 Use rights given Traditional Multi-Target 1 Image: Code Traditional Multi-Target 1 Image: Code Transferable licenses Image: Code Image: Code Image: Code <t< td=""></t<>
<u>F</u> inish <u>C</u> ancel

3. Select the right which must be removed in the *Use rights given* panel (traditional multi-target 1 in our example), and click on the bold arrow.

You can see that the right is no longer displayed in the available use rights and has been moved to the 'Transferable licenses' panel.

Smart Guide			×
Available Use rights		Code	
[™] Designer [™] Developer [™] TUI User ∭Ebusiness Mono-Target 1		PDNM Label Juser 1	
Traditional Mono-Target 1		Use rights given	
Traditional Multi-Target 1	→ ←	WDeveloper WTUI User	
Transferable licenses			
	→		
		<u> </u>	<u>C</u> ancel

4. Select the 'TUI User' right in the 'use rights given' and click on the bold arrow.

Smart Guide		×
Available Use rights		Code
Designer		PDNM
Moveloper MTUI User		Label
Ebusiness Mono-Target 1		user 1
Traditional Mono-Target 1		Use rights given
Transferable licenses	→ ←	M Developer
I Traditional Multi-Target 1 () I TUI User ()		
	→	
		<u>F</u> inish <u>Cancel</u>

This time, the 'TUI User' right is withdrawn.

5. Click on *Finish* to save the update.

Two licenses can now be transferred.

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ペー ASSIGNING A LICENSE TO A USER
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 From the Users browser, select the User whose rights must be modified and select Assign/remove licences in the pop-up menu,

A message indicates that all the licenses and the User's information will be loaded and asks you to confirm.

2. Click **OK**.

🥌 Plea	ase confirm	×
?	Loading all Licenses and the user's information. Do y	ou want to continue ?
	OK Cancel	

In the smartguide which opens, you can see that User 2 has acquired a Developer right. We are going to assign him/her a TUI right whose license can be transferred.

3. In the 'Transferable licenses' list, select the 'TUI User' right and click on the bold arrow.

Smart Guide		د	٢
Available Use rights		Code	
Designer		PDLF	
Va Developer Va TUI User		Label	
Ebusiness Mono-Target 1		user 2	
Traditional Bi-Target 1		Use rights given	
Traditional Multi-Target 1	\rightarrow	MDeveloper	
	+		
Transferable licenses			
🔮 0 TUI User (PDNM)			
🞇 0 Traditional Multi-Target 1 (PDNM)			
	→		
			-
		Finish Cancel	

Smart Guide				×
Available Use rights	_	Code	_	
Cesigner Developer TUI User Ebusiness Mono-Target 1		PDLF Label Juser 2		_
12 Traditional Mono-Target 1 22 Traditional Bi-Target 1 Ng Traditional Multi-Target 1	→ ←	Use rights given		
Transferable licenses 🍋 🖓 0 Traditional Multi-Target 1 (PDNM)				
	→			
		Ē	inish <u>C</u> ancel	

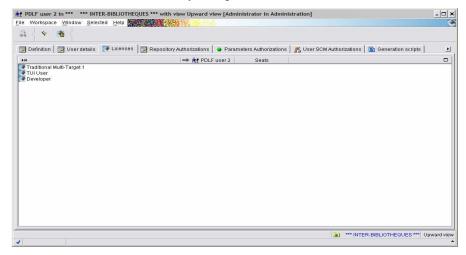
The 'TUI User' right is now displayed among the 'Use Rights given' and the license is no longer displayed in the list of 'transferable licenses'.

Then the traditional multi-target license must be assigned to User 2. Proceed as before: select the license in the list of transferable licenses and click on the bold arrow to assign the right to the User.

Smart Guide			×
Available Use rights		Code	
Cesigner Ceveloper TUI User Debusiness Mono-Target 1		PDLF Label user 2	
Traditional Mono-Target 1		, Use rights given	
Traditional Multi-Target 1	→ ←	Veveloper TUI User Traditional Multi-Target 1	
Transferable licenses	-		
	_→		
	1		
		<u> </u>	<u>C</u> ancel

The traditional multi-target 1 right is no longer displayed in the list of 'use rights given' and the license is no longer displayed in the list; it is no longer transferable.

5. Click on *Finish* to validate your updates.



The list of rights of User 2 has been updated.