# Peregrine AssetCenter



## **Product Review Guide**



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AssetCenter

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## Introduction

PEREGRINE

## Purpose of this guide

The purpose of this guide is to give someone with no prior knowledge of AssetCenter, an overview of some of the common tasks that can be performed with specific focus on the **Asset Tracking**) and **Expense Control** processes.

After reading this guide, the reviewer will have a clear understanding of many of the key advantages of using AssetCenter.

## Who should use this guide?

This guide is targeted to those trying to understand the potential advantages of using AssetCenter. This guide aims to provide answers that are:

- Direct: You are not required to install or use AssetCenter
- Comprehensive: An executive presentation and a practical demonstration of the Windows interface functionality are included

In particular, this concerns anyone who wishes to evaluate the potential of AssetCenter, such as:

Journalists

- Industry experts
- Consultants

## How to use this guide

#### Chapter Presentation of AssetCenter

This chapter addresses the following:

- An introduction to AssetCenter
- The key benefits of AssetCenter
- What solutions AssetCenter provides

#### Chapter Discovering AssetCenter

This chapter steps through the AssetCenter user interface.

#### **Chapter Asset Tracking**

This chapter presents the key functions of the Asset Tracking solution.

#### **Chapter Expense Control**

This chapter presents the key functions of the **Expense Control** solution.

# **1** Presentation of AssetCenter

AssetCenter serves as the consolidated asset information hub, providing a complete lifecycle view of the assets.

This encompasses:

- The relationship between the people, places, and assets within the organization
- The services provided for those assets
- The compliance, contractual, and budgeting requirements for each asset
- The logistical and financial relationship of the MSPs that contract with the organization

Peregrine's Asset Management solutions enable enterprises to transform previously isolated asset tracking tasks and activities into strategic corporate disciplines.

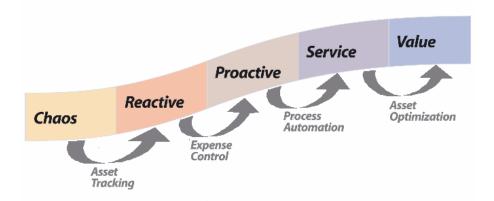
The organization is then able to actively manage its asset portfolio and associated fiscal and operational characteristics, in line with business objectives.

The result is a cost-efficient and enlightened organization, operating consistently within corporate policy and in compliance with regulatory requirements.

## Peregrine's approach to the market

Peregrine believes that the best way to ensure our customers' success is to take an evolutionary approach to Asset Management within each organization.

Through this approach, organizations are able to mature at their own pace by identifying quantifiable milestones and accomplishments that in turn enable further proof points to help adopt and extend Asset Management principles and practices.



## **Asset Tracking**

The first step in Asset Management is for an organization to implement an **Asset Tracking** procedure. This will answer the fundamental questions - "What assets do I have, where are they located, and who is using them?".

By creating a consolidated asset tracking system, organizations are better able to reduce costs associated with supporting the corporate infrastructure and maverick buying while improving infrastructure security by tracking employee access to sensitive assets.

#### **Expense Control**

Once Asset Tracking is in place, the second step for an organization is to adopt **Expense Controls**. At this stage it is important to associate financial and contractual information with each asset.

This in turn enables the organization to reduce the risks associated with compliance and regulatory issues, while optimizing the negotiated contracts of assets.

It is here that software license compliance and lease management are implemented.

### **Process Automation**

Now that all assets are physically tracked and financially scrutinized, it is time to further integrate Asset Management across the organization.

Through **Process Automation**, Asset Management is extended to work seamlessly with other business practices, such as service management and procurement.

It is also at this stage of Asset Management that IT can track expenses directly against the lines of business.

The result is a more automated Asset Management practice that increases business process efficiencies while ensuring consistency and accuracy of practices across functional disciplines.

## **Asset Optimization**

The final stage in a company's Asset Management evolution is the **Optimization** of the environment.

Optimization involves the adoption of business intelligence and advanced analytics to identify trends and opportunities for improvement.

Through optimization, the organization can fully articulate the fiscal performance of IT and chargeback as appropriate to the business units who consume its services.

The goal is to improve and extend asset management such that the costs to maintain the infrastructure decrease year over year.

## AssetCenter overview

AssetCenter is a comprehensive solution that enables organizations to control costs and reduce complexity through end-to-end lifecycle asset management.

AssetCenter tracks and reconciles assets in a central repository, manages software license compliance and entitlement, controls expenses through chargeback programs, manages request fulfillment, provides fiscal transparency into the costs of IT, and extends asset management best practices to all employees.

AssetCenter sets the standard for IT asset management (ITAM).

AssetCenter can be deployed modularly to meet specific business needs, and provides a foundation for ongoing management of the infrastructure.

While many organizations have some idea of their physical inventory, most of that data is scattered in spreadsheets, databases, and third-party tools.

AssetCenter provides out-of-the-box integration with leading discovery tools such as those from Microsoft and Tivoli. AssetCenter also integrates with Enterprise Resource Planning (ERP) systems, such as SAP, which provide information at a summary level in comparison with the granular asset information that AssetCenter tracks.

AssetCenter has a built-in reconciliation engine that alerts administrators to user defined changes in asset data, personnel data, and catalog items that if unchecked, would erode the accuracy of the asset repository.

The following modules are available as part of the AssetCenter suite:

#### Portfolio

**AssetCenter Portfolio** provides a central repository to integrate all asset data from multiple sources.

It is the entry point for effective asset management practices and is the cornerstone of asset tracking.

Using **AssetCenter Portfolio** with **Desktop Inventory**, **Network Discovery** or **Enterprise Discovery**, IT organizations can simplify asset tracking by consolidating assets into a single repository.

They also can begin to execute cost-control projects such as server consolidation and software rationalization.

Business units can share utilization and allocate costs correctly by taking advantage of the configuration options available in AssetCenter **Portfolio**.

#### **Financials**

AssetCenter Financials allows you to capture, monitor, and manage all costs associated with an asset, from the time it enters the organization until its retirement.

The **Financials** module enables IT organizations to implement invoicing and chargebacks to business units.

#### Contracts

**AssetCenter Contracts** provides organizations with the ability to proactively manage software license compliance.

Using a central repository of existing contracts, invoices that normally reside in filing cabinets can be associated with each software license agreement.

Once the contractual and expense data are collected, AssetCenter provides reconciliation reports from the physical inventory stored in AssetCenter.

#### Procurement

**AssetCenter Procurement** allows organizations to simplify and automate the request fulfillment process.

The **Procurement** module automates and streamlines the entire request lifecycle, from the time an asset is requested until it is fulfilled.

Requests are verified to ensure that they meet corporate approved standards by checking against a catalog of approved assets, and monitoring existing stock and budgets to fill the request through available stock or inventory.

**AssetCenter Procurement** enables users to generate purchase orders and reconciles those purchase orders against the assets received from the vendors.

## **Cable and Circuit**

AssetCenter Cable and Circuit manages the physical network connectivity inside and outside of the organization's infrastructure, such as tracing the connection of a server's ports to its clients.



We are now going to present:

- The AssetCenter interface (> An intuitive interface [page 13])
- The key functions of the Asset Tracking solution (▶ Asset Tracking [page 17])
- The key functions of the Expense Control solution (> Expense Control [page 35])

We are going to create George Gilbert, IT manager, who requires executive information concerning:

- The status of his computer population
- Software compliance
- Its running costs

## An intuitive interface

George Gilbert wishes to use an extremely simple interface to access the information he need; He does not require access to the full breadth of functionality in AssetCenter.

In a few clicks, George Gilbert displays a customized interface that is tailored to his individual usage of AssetCenter:

- George Gilbert starts the AssetCenter Windows client using the Start/ Programs/ Peregrine/ AssetCenter/ Peregrine AssetCenter menu in Windows.
- **2** George Gilbert connects to the production database using his login and password:

🥵 Connect to dat	abase	
<u></u> Connection:	🗐 Production database 💌 🗉	<u>O</u> pen
Login:	ggilbert 🔹	Cancel
Password:	******	
Use integrat	ed NT security	

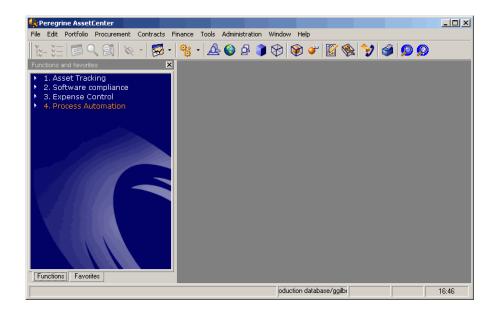
The password associated with the login, ggilbert, is ggilbert.

#### ጆ Note:

You will notice that database access is fully secured.

Users connecting to the database only have access to those parts of the software to which they are authorized.

**3** AssetCenter displays a workspace showing the functions frequently used by George Gilbert:



#### ጆ Note:

Voluntarily, a reduced selection of menus and icons is displayed.

4 Most of the time, George Gilbert will use the shortcuts in the **Functions and favorites** pane.

When he requires access to other functionality, he can do this using the standard icons and menu commands.



The next two chapters will address the key functions of Asset Tracking and Expense Control. You are not required to install AssetCenter to follow along. Screen shots are provided to demonstrate the operations performed and the results obtained.

## Reminders

Asset Tracking [page 8].

## **Portfolio management**

#### Using an inventory tool to inventory assets and software

The first step in asset management is the identification and tracking of the assets that exist in the enterprise. Traditionally, this was done through walk-around manual audits, where someone from IT would take a clipboard and write notes as to what assets existed and perhaps some description (i.e., IBM T40 laptop,

512MB RAM, etc). More common today is the use of automated inventory tools such as Peregrine Network Discovery and Peregrine Desktop Inventory.

These tools are used to analyze the networked assets such as servers, desktops, and printers and collect information on their technical characteristics and installed software.

This information is fed into AssetCenter and serves as the foundation for all other asset management processes.

It is common for customers to have multiple inventory tools, tracking different parts of the environment. For example, Microsoft SMS for desktops and Tivoli Inventory for servers. AssetCenter recognizes this, which is why it provides, in addition to Peregrine Desktop Inventory and Peregrine Network Discovery, integration with the other industry leading inventory solutions.

Once inventory has been created for the first time, it is critical for every subsequent inventory run that there be a process of reconciliation, whereby what has discovered is compared to what exists in the recorded inventory. Where discrepancies are identified, they must be reviewed to determine what changed and why. If changes were unauthorized or if the user is not entitled to something, the AssetCenter user can take corrective action. This prevents renegade hardware and software from entering the network, which in turn reduces the cost to support and maintain the assets.

In the following scenario, the Director of IT, George Gilbert, is using **Desktop Inventory** to automatically inventory all of the hardware and software, across all platforms.

George needs to understand what assets are in the enterprise and where they are located. He is concerned about IT support costs and the security risks associated with unknown software. Additionally, he realizes that the organization can be held financially liable for the installation of unauthorized software.

For this, he regularly consults the list of recently inventoried portfolio items.

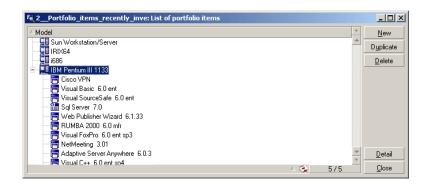
George Gilbert accesses the list of portfolio items inventoried recently, using the shortcut **2. Portfolio items recently inventoried by Desktop Inventory**:



AssetCenter displays the list of portfolio items recently inventoried by Desktop Inventory:

Portfolio_items_recently_inve: List of portfolio items		
∠ Model	+	New
		D <u>u</u> plicate
i686		<u>D</u> elete
E → IBM Pentium III 1133		
	<b>▼</b>	<u>D</u> etail
△ 🗞 5/5		<u>C</u> lose

By clicking the + button, George Gilbert can view the components of the computer **IBM Pentium III 1133**:



By clicking the Detail button, he can obtain more detailed information on the same computer. All the information gathered by Desktop Inventory is automatically imported into AssetCenter and is shown within tabs, such as:

The **General** tab shows who uses the computer, where it is located, when it was installed, its unit value, and to what cost center (business unit, department, geography, etc) and cost category it is allocated:

🖲 Portfoli	o items: 2l	Portfolio_item	s_recently_	_inve: D	etail of j	portfolio il	tem '1 IBM IE	M Pentium	111 11:	33 <b>_ 🗆 ×</b>
Model:	IBM Pentium	III 1133	٩	•	Code:	990556				New
General	Components	Adjustments	Computer	Asset	Ports	Acquis.	Fixed Asset	Contracts	<	D <u>u</u> plicate
	Quantity:	1		A V						
	Assignment:	In use		-		Supervisor		Q		
	User:	Schroeder, Eric	۹ ۵	- 1		Unit value	US\$1 200,00		28	Stock
Ir	n-service date:	11/07/2004		-	Co	ost category	Computers	0	<b>↓</b> 🗔 🔻	
h	nventory date:	20/07/2004 20:1	8:27	•		Cost center	Sales & Marke	eting 🤷	<b>\</b>	
	Location:	/USA/Redmond	site/Bui 🔍 🛙	- 1						
(	Component of:		۹. 🗉	-						
-Category-										
	Full name:									
	Nature:	Computer								
Managem	nent constraint:	Unique asset tag	]							
	Comment:								-	
									-	Close
										LIUSE

The Hardware tab shows the main technical details of the computer itself:

🛿 Portfolio items: 2Portfolio_items_recently_inve: Detail of portfolio item '1 IBM IBM Pentium III	1133 💶 🗙
Model: IBM Pentium III 1133	New
General Components Adjustments Computer Asset Ports Acquis. Fixed Asset Contracts	> Duplicate
Name: LP89604ESCHROED Group:	-
Asset tag: WORKGROUP_LP89604ESCHROED Computer type: Notebook	
Last hardware scan: 20/05/2003 17:15:19	Stock
CPU version: Pentium(R) III Virtual memory. 1536	- III
	•
CPU speed: 1133	
BIOS	
Description: IBM 26474MU BIOS AssetTag: No Asset Information	
Source: Copyright 1985-2000 Phoenix Tech BIOS date: 05/02/2002	•
General Hardware Scanner Extensions Drives Network Applications History Feature	

🖲 Portfolio items: 2\_\_Portfolio\_items\_recently\_inve: Detail of portfolio item '1 IBM IBM Pentium III 1133... 💶 🗙 Code: 990556 Model: IBM Pentium III 1133 ۰ 🗉 ک <u>N</u>ew General Components Adjustments Computer Asset Ports Acquis. Fixed Asset Contracts D<u>u</u>plicate Name: LP89604ESCHROED Group: **.** Asset tag: WORKGROUP\_LP89604ESCHROED Computer type: Notebook • Parameters St<u>o</u>ck • Scanner description: Win32 Scanner-Scanner • Next scan: • • Last scan: 20/09/2004 17:15:19 Scanner version: 7.1.1 build 1168 Scans: 2004-07-20 20:18:27 2004-09-20 17:15:19 . General Hardware Scanner Extensions Drives Network Applications History Feature: 4 > <u>C</u>lose

The **Scanner** tab specifies when the last inventory was conducted:

The **Extensions** tab specifies what extensions are installed on the computer, such as monitors, memory cards, modems, etc.:

🗧 Portfolio items: 2Portfolio	_items_recently_i	nve: D	etail of p	ortfolio i	tem '1 IBM IB	M Pentium	III 11	33 <mark>_ 🗆 ×</mark>
Model: IBM Pentium III 1133	۹ 🗉	•	Code:	990556				<u>N</u> ew
General Components Adjustr	nents Computer	Asset	Ports	Acquis.	Fixed Asset	Contracts	< ▶	Duplicate
Name: LP89604ESCHRO	ED	_	Grou			9		
Asset tag: WORKGROUP_LI	P89604ESCHROED	Co	omputer typ	e: Notebo	ok		-	
Multimedia								Stock
Video card: S3 Compatible Displ	ay Adapter - S3 Supe	rS H	Horiz. res.:	1024			-	
Sound card: Crystal WDM Audio	Codec		Vert. res.:	768			-	
Color depth: 32							-	
Extension cards								
▲ Туре	△Vendor		∆Name				٩	
Simple Communication Controller	Lucent/Agere Syste						+	
System	Intel Corporation				12) PCI to I/O H	ub Bridge (24	1	
System	Intel Corporation			I LPC Inter			+	
System	Intel Corporation			CPU to I/O				
System	Intel Corporation			CPU to AG			-	
System	Texas Instruments (1	-1) F	PCI1420 P	C card Car	dBus Controller		÷	
					🔺 🎘	12/12		
General Hardware Scanne	er Extensions D	rives	Network	Applica	tions History	Feature:	< >	<u>C</u> lose

The **Network** tab describes how the asset is connected to the network.:

🗟 Portfolio items: 2Portfolio_items_recently_inve	: Detail of portfolio item '1 IBM IB	M Pentium III 1133 📃 🗖 🕨
Model: IBM Pentium III 1133	Code: 990556	New
General Components Adjustments Computer Ass	et Ports Acquis. Fixed Asset	Contracts  Duplicate
Name: LP89604ESCHROED	Group:	<ul> <li></li></ul>
Asset tag: WORKGROUP_LP89604ESCHROED	Computer type: Notebook	•
Last network scan: 20/05/2003 17:15:19		<ul> <li>Stock</li> </ul>
General IP name: Ip89604eschroeder	Physical address: 00D059B67578	
IP domain:	Domain/Group: WORKGROUP	
IP address: 0.0.0.0	IPX address:	
IP routing enabled	IPX server:	
Network cards		
	vsical a	
VMware Virtual Ethernet Adapter Ethernet 00505		
VMware Virtual Ethernet Adapter Ethernet 0050	56C00008 192.168.213.1	+
	_ <b>⊘</b> _	3/3
General Hardware Scanner Extensions Drives	Network Applications History	Feature: <u>C</u> lose

The **Applications** tab presents the list of software applications installed on the computer:

🖼 Portfolio items: 2Portfolio_items_re	ecently_inve:	Detail of portfolio i	tem '1 IBM IBM Pentium III	133 <mark>_ 🗆 X</mark>
Model: IBM Pentium III 1133	۰ 🗉 ک	Code: 990556		New
General Components Adjustments Co	omputer Asse	t Ports Acquis.	Fixed Asset Contracts 🧃	Duplicate
Name: LP89604ESCHROED		Group:	Q 🖪 ·	-
Asset tag: WORKGROUP_LP89604ES0	CHROED	Computer type: Notebo	iok	•
Last software inventory: 20/05/2003 17:15:	19			Stock
Operating system				
Oper. System: Windows 2000 Prof	essional 💌	Language	English (United States)	
Service Pack: Service Pack 3		Build number	: 2195	
Install. dir.: C:\WINNT				
Applications				
_ Model	△ Installation for	older	٩	
📩 Visual Basic 6.0 ent	C:\Program File	es\Microsoft Visual Stu	dio/VB98 🔸	
🛅 Visual SourceSafe 6.0 ent	C:\Program File	es\Microsoft Visual Stu	dio\Common\VSS\win32 🛛 🚽	
🔚 Sql Server 7.0	C:\MSSQL7\B	inn	+	
🔚 Web Publisher Wizard 6.1.33	C:\Program File	es\Web Publish	-	
📑 RUMBA 2000 6.0 mfr	C:\Program File	es\WallData\MFRAME	+	
			A 😒 070	
General Hardware Scanner Exten	sions Drives	Network Applica	tions History Feature:	<u>C</u> lose

#### **Reconciling inventory data**

As mentioned previously, the process of reconciliation is key for effective asset tracking. AssetCenter provides a unique Reconciliation Engine to enable IT to control the integrity and security of the asset repository.

When an asset is imported into the AssetCenter database, the **Reconciliation** module verifies whether the asset already exists. If this is the case, no new record is created; the existing record is simply updated.

In order to ensure the record's integrity, AssetCenter allows for the definition of reconciliation rules: If a rule is not met, the modification is not made in the database; Instead, the Reconciliation Engine creates a reconciliation proposal for review.

Example: Decreased computer memory.

- 1 The person in charge of processing the reconciliation proposals accesses the list.
- 2 They examine each reconciliation proposal before accepting it or rejecting it.

George Gilbert accesses the reconciliation proposals using the shortcut **3**. **Reconciliation proposals**:



AssetCenter displays the list of reconciliation proposals:

∠Name	△ Table	≙ Path	△Previous value	+	<u>N</u> ew
The memory of the computer LP89604ESCHROED has decreased.	amComputer	<b>MemorySizeMb</b>	2048	<u> </u>	Duplicate
The memory of the computer MSI-MAIER has decreased.	amComputer	<b>IMemorySizeMb</b>	256		Duplicate
The memory of the computer PDAVIES has decreased.	amComputer	<b>IMemorySizeMb</b>	256		<u>D</u> elete
The memory of the computer JKYTWON has decreased.	amComputer	<b>IMemorySizeMb</b>	512		
The memory of the computer FJORMIN has decreased.	amComputer	<b>IMemorySizeMb</b>	256		
The memory of the computer PLESROCHE has decreased.	amComputer	<b>IMemorySizeMb</b>	512		
The reference price of BASE2002 at Intranets.com 2002 has increased by 26%.	amCatRef	fPrice	382		
The reference price of CI000345 at Interleasing 2002 has increased by 10%.	amCatRef	fPrice	96		
The reference price of Cl000359 at Interleasing 2002 has increased by 24%.	amCatRef	fPrice	41	_	
The reference price of CI000366 at Interleasing 2002 has increased by 25%.	amCatRef	fPrice	391	+	
_ · ·			•		<u>D</u> etail
		/	3 10/10		Close

The previous list includes reconciliation proposals for computers whose memory has decreased.



You will also notice reconciliation proposals for catalog references whose prices have decreased by 10% or more. The reconciliation module can be used import all kinds of data.

By selecting the reconciliation proposal and clicking the **Detail** button, George Gilbert displays the detail of the reconciliation proposal:

🖲 Reconciliation proposals: 3Reconciliation_proposals: Detail of r	reconciliatio	n proposal 'Th	e memory of the	com	p 🗆 🗙
∠ Name	△ T able	△Path	△ Previous value	+	<u>D</u> elete
The memory of the computer LP89604ESCHROED has decreased.	amComputer	<b>MemorySizeMb</b>	2048	<u> </u>	
The memory of the computer MSI-MAIER has decreased.		<b>MemorySizeMb</b>			
The memory of the computer PDAVIES has decreased.		MemorySizeMb			
The memory of the computer JKYTWON has decreased.		MemorySizeMb			
The memory of the computer FJORMIN has decreased.		MemorySizeMb			
The memory of the computer PLESROCHE has decreased.		MemorySizeMb			
The reference price of BASE2002 at Intranets.com 2002 has increased by 26%.		fPrice	382		
The reference price of CI000345 at Interleasing 2002 has increased by 10%.	amCatRef	fPrice	96		
The reference price of Cl000359 at Interleasing 2002 has increased by 24%.	amCatRef	fPrice	41 391	-	
The reference price of Cl000366 at Interleasing 2002 has increased by 25%.	amCatRef	fPrice	391	+	
			▲ 🍪 🕹 10710	·	
			<u> </u>		
Code: CPU_MEM_WORKGROUP_LP89604ESCHROED200 Name:	The memory	of the computer l	.P89604ESCHROED	) ha	
Record Status: To assign - Assignee:			۹ [		
General History Documents					
Table: Computers (amComputer)	Path: Memor	ySizeMb		•	
-Values					
Previous value: 2048					
New value: 1023					
Selected value:					
Comment					
					Close

George Gilbert can then assign the proposal to someone to perform the required checks:

Name	△ T able	△Path	△Previous value	+	Delete
e memory of the computer LP89604ESCHROED has decreased.	amComputer	<b>MemorySizeMb</b>	2048	<b>^</b>	
e memory of the computer MSI-MAIER has decreased.	amComputer	<b>MemorySizeMb</b>	256		
e memory of the computer PDAVIES has decreased.		<b>MemorySizeMb</b>			
e memory of the computer JKYTWON has decreased.		MemorySizeMb			
e memory of the computer FJORMIN has decreased.		MemorySizeMb			
e memory of the computer PLESROCHE has decreased.		MemorySizeMb			
e reference price of BASE2002 at Intranets.com 2002 has increased by 26%.		fPrice	382		
e reference price of Cl000345 at Interleasing 2002 has increased by 10%.	amCatRef	fPrice	96		
e reference price of Cl000359 at Interleasing 2002 has increased by 24%.	amCatRef	fPrice fPrice	41 391	-	
e reference price of Cl000366 at Interleasing 2002 has increased by 25%.	amCatRef	rPrice	391	+	
			_ 3≥ 10710		
l de la companya de l		1	<u>3</u> 10710		
Code: CPU_MEM_WORKGROUP_LP89C9423CHRUED200 Name:	The memory	of the computer l	P89604ESCHINGE	) ha	Prev. valu
Becord Status: To be validated  Assignee:	Listel Susan		٩. ١		
	Listel, Susan		<u> </u>		
Record Status: To be validated Assignee:	Listel, Susan		<u> </u>		
	Listel, Susan Path: Memor		<u> </u>		New valu
ieneral History Documents					New value
ieneral History Documents Table: Computers (amComputer)			<u></u>		New value
ieneral History Documents Table: [1] Computers (amComputer) alues Previous value: [2048			Q		New value
ieneral History Documents Table: TComputers (amComputer) alues Previous value: 2048 New value: 1023			Q		New value
ieneral History Documents Table: [1] Computers (amComputer) alues Previous value: [2048			٩		New value
ieneral History Documents Table: TComputers (amComputer) alues Previous value: 2048 New value: 1023			<u>a</u> 1		New value
ieneral History Documents Table: Tocomputers (amComputer) alues Previous value: 2048 New value: 1023 Selected value:			<u>a</u>		New value
ieneral History Documents Table: Tocomputers (amComputer) alues Previous value: 2048 New value: 1023 Selected value:					New value
ieneral History Documents Table: Tocomputers (amComputer) alues Previous value: 2048 New value: 1023 Selected value:					New value
ieneral History Documents Table: Tocomputers (amComputer) alues Previous value: 2048 New value: 1023 Selected value:					New value

Once the assignee has checked the real amount of RAM on the computer, she can change the status of the reconciliation proposal to **Validated** or **Document rejected**.

Another example would be the unauthorized installation of Instant Messenger software. Using this exact same procedure as in the previous example, George would display the list of reconciliation proposals for computers where Instant Messenger was discovered.

In our scenario, George could contact the users and instruct them that for security reasons, it is against company policy to install the Instant Messenger product. Not only may this avoid unforeseen support problems, it also prevents a potentially untraceable security hole that violates company policy or that may expose the company to financial risks.

#### Displaying executive information on the computer population

George Gilbert wants to know whether his computer population is homogeneous or not; This question is important because having a homogeneous computer population enables cost savings (simplified maintenance, better negotiated prices, etc.).

George Gilbert wishes to see a global view of the computer population.

George Gilbert accesses the list of computers using the shortcut **4. Global status** of computers:



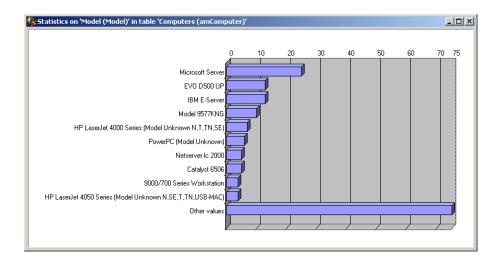
#### AssetCenter displays the list of computers:

Name	<ul> <li>Model (Portfolio item)</li> </ul>		<u>N</u> ew
sys705.peregrine.com (7)	9000/700 Series Workstation	Peregrine Mobile	Dustant
sys701.peregrine.com (16)	9000/700 Series Workstation	Peregrine Mobile	Duplicat
hpdevdb2.peregrine.com (153)	9000/700 Series Workstation	Peregrine Mobile	Delete
hpbuild.peregrine.com (47)	9000/700 Series Workstation	Peregrine Mobile	
hpgen.peregrine.com (1303)	9000/800 Series Servers	Peregrine Mobile	
hpbuild1.peregrine.com (13602)	9000/800 Series Servers	Peregrine Mobile	
hpdev.peregrine.com (52)	9000/800 Series Servers	Peregrine Mobile	
NTFILE03	AT/AT COMPATIBLE	Peregrine Mobile	
CPU000184	AT/AT COMPATIBLE	Peregrine Mobile	
на Bidg3-CMLab1 (17451)	Catalyst 2948G	Peregrine Network Discovery	
a dmzswitch-new.peregrine.com (12096)	Catalyst 2948G	Peregrine Network Discovery	
na RVILLOSO-NT4	Catalyst 6000 Family Multilayer Switch Feature Card (MSFC)	Peregrine Network Discovery	
nsfc2-vlan21.peregrine.com (13370)	Catalyst 6000 Family Multilayer Switch Feature Card (MSFC)	Peregrine Network Discovery	
а Bidg5-Fir1 (16618)	Catalyst 6506	Peregrine Network Discovery	
B bldg2-flr2.peregrine.com (4974)	Catalyst 6506	Peregrine Network Discovery	
a bldg2-flr3.peregrine.com (4589)	Catalyst 6506	Peregrine Network Discovery	
bldg2-flr5.peregrine.com (4746)	Catalyst 6506	Peregrine Network Discovery	
B bldg2-flr1.peregrine.com (4602)	Catalyst 6506	Peregrine Network Discovery	
a cat6509-2.peregrine.com (1951)	Catalyst 6509	Peregrine Network Discovery	
a cat6509-1.peregrine.com (2108)	Catalyst 6509	Peregrine Network Discovery	
bldg2-flr4.peregrine.com (4590)	Catalyst 6509	Peregrine Network Discovery	Dated
bourg-la-reine.APSYDEV.COM (2115)	Cisco 2501 Single LAN Router	Peregrine Network Discovery	<u>D</u> etail
		🔺 🌏 🛛 167 / 167 🗍	Close

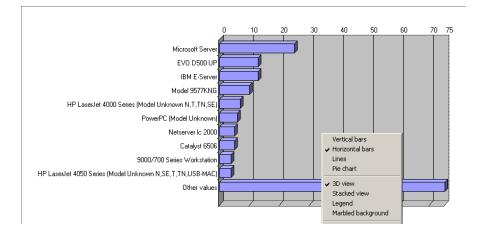
To see the breakdown of his computer population by model, he right clicks the **Model** column and then selects **Statistics on this column** from the shortcut menu:

∠Name	<ul> <li>Model (Portfolio item)</li> </ul>	∠ Scanner description
sys705.peregrine.com (7)	9000/700 Series Workstation	Peregrine Mobile
sys701.peregrine.com (16)	9000/700 Series Workstation	Peregrine Mobile
🛄 hpdevdb2.peregrine.com (153)	9000/700 Series Workstation	Peregrine Mobile
hpbuild.peregrine.com (47)	9000/700 Series Workstation	Peregrine Mobile
🛄 hpgen.peregrine.com (1303)	9000/800 2 2	Peregrine Mobile
hpbuild1.peregrine.com (13602)	9000/80( Go to	Peregrine Mobile
🛄 hpdev.peregrine.com (52)	9000/80( Table view	Peregrine Mobile
I NTFILE03	AT/AT C Tree view	Peregrine Mobile
EPU000184	AT/AT C Ungroup all	Peregrine Mobile
Bldg3-CMLab1 (17451)	Catalyst 2 Unfold	Perenrine Network Discovery
Badmzswitch-new.peregrine.com (12096)	Catalyst 2 Utilities	Configure list e Network Discovery
BB RVILLOSO-NT4	Catalyst E Load next 🔹 🕨	Export the list Network Discovery
be msfc2-vlan21.peregrine.com (13370)	Catalyst 6	Refresh status bar e Network Discovery
Bldg5-Flr1 (16618)	Catalyst 6 Actions	Statistics on this column Network Discovery
Babldg2-flr2.peregrine.com (4974)	Catalyst E 🧹 No filter	Remove this column Network Discovery
Be bldg2-flr3.peregrine.com (4589)	Catalyst 6 Simple filter	Peregrine Network Discovery
Babldg2-flr5.peregrine.com (4746)	Catalyst E Query filter	Peregrine Network Discovery
Babldg2-flr1.peregrine.com (4602)	Catalyst E On-the-fly creations	Peregrine Network Discovery
Ba cat6509-2.peregrine.com (1951)	Catalyst 6	<ul> <li>Peregrine Network Discovery</li> </ul>
Be cat6509-1.peregrine.com (2108)	Catalyst E 🖌 List only	Peregrine Network Discovery
Be bldg2-flr4.peregrine.com (4590)	Catalyst E Detail only	Peregrine Network Discovery
Be bourg-la-reine.APSYDEV.COM (2115)	Cisco 25( List and detail	Peregrine Network Discovery
-		🔺 🎭 🛛 167 / 167

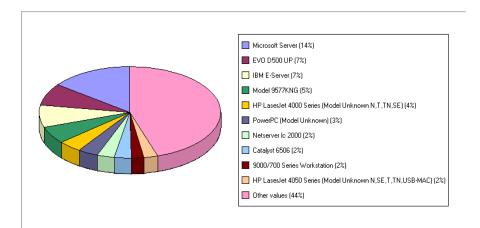
#### AssetCenter displays a chart showing the breakdown of computers:



By clicking the right button of the mouse, George Gilbert has several options as to how the chart is displayed:



By selecting the **Sectors** and **Key** options, George Gilbert can, for example, display a pie chart with a key:



George Gilbert can easily see that his computer population is not very homogeneous. He will soon start a program to correct this.

#### Managing a departing employee

**Eric Wagner** is leaving the company, and George Gilbert wants to update the database to ensure that he no longer has access to company systems and that the assets that were assigned to him can be used elsewhere. He will:

- Remove Eric Wagner from the department, cost center and cost category to which he was linked
- Erase the corresponding job title in the company
- Terminate his network user accounts
- Return his hardware assets to stock
- Free his software licenses

AssetCenter includes wizard functionality to automate this kind of task.

#### 💡 Tip:

AssetCenter ships with many out-of-the box wizards. Additionally, it is simple to create your own.

George Gilbert starts the wizard that will update the database using the **5. User Removal** shortcut:



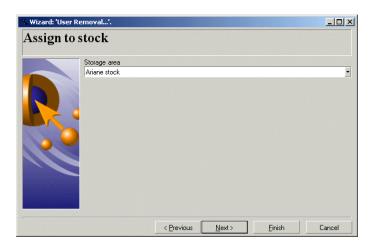
AssetCenter starts the wizard.

The wizard displays the following pages (George Gilbert can move through the pages using the **Next** button):

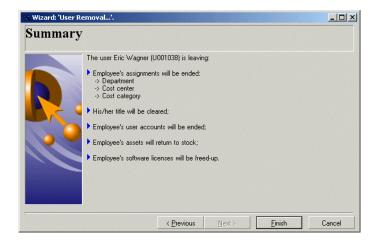
🖲 Wizard: 'User Removal...'. - O × Select user User removal △Name \* 🡤 Admin Administrator 1 Carpenter Gilbert 🡤 Smith Taltek 👤 Wagner . 63/63 4 3 Clear the user's cost center Clear the user's budget category <u>F</u>inish <u>N</u>ext> Cancel

The **Select user** page to specify which employee is leaving the company:

The **Assign to stock** page to specify which stock will receive the employee's assets:



The **Summary** page details the actions that the wizard will perform automatically (once you click **Finish**):



The **User removal** page logs all the actions that are automatically performed in the database:

	Message	Date
	🚽 🕂 🕒 Stocking asset # 38103	2004/10/2915
	Freeing-up software installations	2004/10/29 15
	🔄 — 🕕 Stocking asset # 38106	2004/10/29 15
	Freeing-up software installations	2004/10/29 15
	📕 — 🕕 Stocking asset # 38109	2004/10/29 15
	Freeing-up software installations	2004/10/2915
	🔰 — 🕕 Stocking asset # 38285	2004/10/2915
	Freeing-up software installations	2004/10/29 15
	- 🕒 Stocking asset # 38291	2004/10/2915
Ì	Freeing-up software installations	2004/10/2915
	Stocking asset # 0	2004/10/2915
	Freeing-up software installations	2004/10/2915
		•
	30 %	

#### *d* Important:

Using AssetCenter, George Gilbert is is able to re-capture all assets allocated to Eric.

- Sensitive assets such as cell phones and BlackBerrys can be identified and reclaimed, avoiding unnecessary costs or security concerns.
- Assets are made available for use by others in the enterprise, which reduces costs by redeploying assets instead of purchasing new ones.
- Software license counts stay under control by reclaiming the license. Most organizations today attach a license to a specific machine and typically waste money by not reclaiming the license. Alternatively, IT may enter into enterprise license agreements to cover for the fact that there was no efficient process to count and reclaim licenses.
- The services to which Eric Wagner had access (cell phone air time, access to the safe, for example) are now denied: The enterprise is controls its costs and does not jeopardy its security.



## Reminders

Expense Control [page 9].

## Software management

Speaking of licences, George Gilbert has just been notified by the CFO that the company is being audited by one of its larger vendors for potential software compliance violations.

George Gilbert must assess the company's financial exposure.

He will look at the following:

- The license agreements and the rights conferred by these
- The software installations
- The number of installations versus the number of licenses
- The number of installations versus the number of users actually entitled to the software

Following this, he will know which software products require additional licenses and whether the CFO needs to worry about financial exposure.

As an added benefit, George can identify which licenses are underutilized and are candidates for down-sizing.

#### Managing license agreements

The first step for George Gilbert is to view his license agreements.

He accesses the list of license agreements using the shortcut **1. License agreements**:



AssetCenter displays the list of license agreements:

Reference	▲ Purpose		⊢End			+	New
T C001023	Cisco Partner Program	16/12/2003	31/01/2006			<b>A</b>	
DEMO-ASP3	Intranets.com	09/10/2001					D <u>u</u> plicate
DEMO-ASPO	Notes v4.6	05/10/2001					<u>D</u> elete
DEMO-ASP2	Property Management Service Gold	05/10/2001					
C099002	SAP Partner Program	16/12/2000	31/01/2004				
DEMO-LIC4	SAP Partner Program	16/12/2000	31/01/2004			+	<u>D</u> etail
Jernerer	er i ratio riegian	1011212000		. 🍋	6/6	+	Close

George Gilbert displays the detail of the **Cisco Partner Program** contract, and examines the information in the tabs.

🖲 Contracts: 1Lie	ense_agreements: Det	ail of contra	ct 'C001023 (Cis	co Partner Program	0'	- O ×
Reference: C001	023		Purpose:	Cisco Partner Program		<u>N</u> ew
Type: Licer	ise	-	Model:		a = -	Duplicate
Contract status: Activ	e	•				
General Licenses	Conditions Contacts	Costs Ac	quis. Projects	Employees Assets	Adjustments	
Attached to:		۲ 🗉 🕈	Na	iture:	•	
Supervisor:	Merchand, Nicole	۰ 🗉 ک	Sta	atus: Current	•	
Nature of payments:	None	•	Num	nber: 12081		
Field 1:			Comp	any: CALL	• 🗉 •	
Allocation for contrac		•	Fie	ld 2:		
	US\$5 000,00 US\$0,00		-Validity	Start: 16/12/2003		
Laxes: Cost category:		<u>•</u>		End: 31/01/2006		
	Sales & Marketing			ation: 2 months		
	sales a markeurig		Nounca	auon. 2 montris		
Comment:					<u>^</u>	
					-	Close
						<u>F</u> 1026

The **General** tab contains the core information on the contract:

The **Licenses** tab lists the licenses that result from the contract and the number of rights for each license:

🗟 Contracts: 1License_agreements: Detail of co	ntract 'CO	01023 (Ci	sco Partner I	Program)'			
Reference: C001023		Purpose:	Cisco Partner	Program			New
Type: License	-	Model:				् 🗄 🔻	Duplicate
Contract status: Active	•						
General Licenses Conditions Contacts Costs	Acquis.	Projects	Employees	Assets	Adjustments		
∆Assets	△Rights					٩	
🛜 Cisco Cisco VPN Client 4.0 (UTL001010)		5				+	
E Cisco Cisco VPN (OFF002461)		7					
						-	
						-	
				Δ	21	2	Close
					21		<u>Finze</u>

#### ጆ Note:

The number of rights will be reconciled with the number of installations or utilizations in order to check that the company is in compliance.

#### Viewing the lists of installed software on the computers

George Gilbert wishes to view the recently inventoried software installations. He accesses the list of recently inventoried software installations using the shortcut **2. Software installations recently inventoried**:

1. Asset Tracking	
<ul> <li>2. Software compliance</li> </ul>	
<ul> <li>1. License agreements</li> </ul>	
<ul> <li>2. Software installations recently inventoried</li> </ul>	
<ul> <li>3. Installation counters</li> </ul>	
<ul> <li>4. Entitlement counters</li> </ul>	
3. Expense Control	
4. Process Automation	

AssetCenter displays the list of recent installations:

Inventory date (Port	△Model (Portfolio item)	△No of points	∆License #	△Parent Lic #	+	<u>N</u> ew
20/05/2003 17:15:19	VMware Workstation 3.1.1-1790	1	12339		i	 Duplicate
20/05/2003 17:15:19	Windows 2000 pro sp3	1	12641			Duplicate
20/05/2003 17:15:19	ServiceCenter Java Client 5.0.1	1	12751			<u>D</u> elete
20/05/2003 17:15:19	X-Win32 5.03	1	12779			
20/05/2003 17:15:19	Perforce Client 2002.1	1	12787			
20/05/2003 17:15:19	Internet Explorer 6.0 sp1	1	12790			
20/05/2003 17:15:19	Outlook Express 6.0 sp1	C	12792	12790		
20/05/2003 17:15:19	Apache HTTP Server 1.3.26	1	12936			
20/05/2003 17:15:19	Java 2 Runtime Environment Stand	1	12953			
20/05/2003 17:15:19	RUMBA 2000 6.0 mfr	1	8425			
20/05/2003 17:15:19	NetMeeting 3.01	C	9977 (	12641		
20/05/2003 17:15:19	Adaptive Server Anywhere 6.0.3	1	11189			
20/05/2003 17:15:19	Visual C++ 6.0 ent sp4	1	11340			
20/05/2003 17:15:19	Outlook 2000 sr1	1	11612			
20/05/2003 17:15:19	PowerPoint 2000 sr1	1	11613			
20/05/2003 17:15:19	Visual Basic 6.0 ent	1	6871			
20/05/2003 17:15:19	Visual SourceSafe 6.0 ent	C	) 6873	6871		
20/05/2003 17:15:19	Visual FoxPro 6.0 ent sp3	1	9710			
20/05/2003 17:15:19	Word 2000 sr1	1	11614			
20/05/2003 17:15:19	Acrobat Reader 5.0	1	11684		-	
20/05/2003 17:15:19	Windows Media Player 7.1	1	11690		+ .	<u>D</u> etail

AssetCenter enables detailed analysis of the software installations. For example, when looking at the two installations selected in the previous screen he finds the following information:

- Inventory date
- Software installed
- Number of license points used by the installation
- The license number

 You will notice that Outlook Express is part of the Internet Explorer package; AssetCenter It is specified that 1 license point is counted for Internet Explorer but not for Outlook Express.

#### 💋 Note:

The installation points will be reconciled with the license rights.

George Gilbert displays the **Internet Explorer** installation and displays the detail (**Detail** button), and then examines the tabs describing it:

Fi.		Sol	'tware_insta	llations_rec	ent:			<u> </u>
General Sof	tware inst.	History	Documents	Workflow	Utilization			
Component of	1 IBM IBM	l Pentium II	I 1133 (WORK	GROUP_LP8	9604ESCHR	DED :990556)	a 🗉 💌	
Model	Internet Ex	plorer 6.0	sp1				۹ 🗉 🔻	
Assignment	Dans le pa	arc		-	Superviso	r:	<ul> <li>Image: Image: Ima</li></ul>	
User	Schroeder	, Eric		۰ 🗉 ک				
In-service date:	11/07/200	04		-				
Inventory date:	20/05/200	03 17:15:19	)	-				
Location	/USA/Red	dmond site/	'Building 01/2n	id 🔍 🗊 🔻				
Comment	:						<u> </u>	
								Modify
							-	
	1							Cancel

Fill	Software_installations_recent:		
General Softw	are inst. History Documents Workflow Utilization		
Installation folder:	C:\Program Files\Internet Explorer	-	
License #:	12790 NNo of points: 1	-	
Authorization:	Inconnu   Status:	•	
Parent Lic #:	Field 2:		
Local/Remote:	Local Is a software suite component		
Tech. info.:	Internet Explorer_6.0 sp1_Win 98/NT/2K/ME/XP		
Installation type:	Installation	•	
Usage index:	0	-	
		Г	H-35.
			<u>M</u> odify
			Cancel

#### Verifying software compliance

George Gilbert wishes to check that software installations and utilizations are in compliance with the rights granted in the licenses.

He accesses the list of installation counters using the shortcut **3. Installation counters**:



AssetCenter displays the list of counters:

△Name			* <u>N</u> ew
Number of anti-virus programs installed			<ul> <li>Duplica</li> </ul>
All Microsoft Office licenses			Dupiica
All Microsoft FrontPage licenses			Delet
All Excel licenses (Office included)			
All installed operating systems			
Oracle			
Office XP			
Cisco VPN			<u>D</u> eta
	. 02	8/8	+ Close

George Gilbert displays the detail of the counter Cisco VPN.

The detail tabs of the counter enable you to access the following information:

Software counters (old format): 3Installation_counters: Detail of software counter 'Cisco'	VPN' 💶 🗙
Aname  Number of anti-virus programs installed  All Microsoft Office licenses  All Microsoft FrontPage licenses  All Excel licenses (Office included)  All installed operating systems  Oracle  Office XP  Cisco VPN	<u>N</u> ew Dyplicate Delete
General Selection Licenses Installations Workflow	<u>C</u> alculate
Supervisor: Gilbert, George	
	<u>C</u> lose

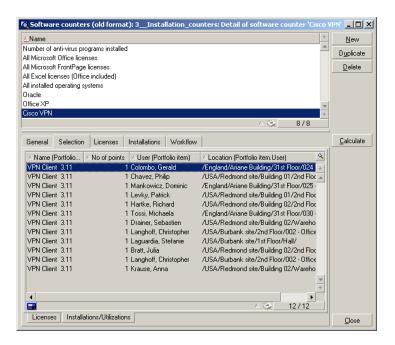
The **General** tab quickly shows that the **Cisco VPN** licenses give 12 rights, whereas 13 points are actually installed.

George Gilbert thus sees that the company is not in compliance for this license.

He displays the **Selection**/Licenses tab in order take at look at how the license points have been accounted for:

🗟 Software counters (o	ld format): 3Installation_counters: Det	ail of software counter 'Cisco V	
△Name		+	<u>N</u> ew
Number of anti-virus program	ns installed		Duplicate
All Microsoft Office licenses All Microsoft FrontPage licen			Delete
All Microsoft Pront-age licer All Excel licenses (Office inc			Delete
All installed operating system			
Oracle			
Office XP		-	
Cisco VPN		+	
		△ 🎘 878	
General Selection Li	censes Installations Workflow		<u>C</u> alculate
Assets	△Rights	٩	
膏 Cisco Cisco VPN (OFF		+	
📑 Cisco Cisco VPN (OFF	099102) 5	<u> </u>	
		*	
		△ 🌫 2/2	
Licenses Installations.	/Utilizations		Close

He displays the **Selection/Licenses** tab in order take at look at how the installation points have been accounted for:



In this way, he can see who installed the software and where the users are located.

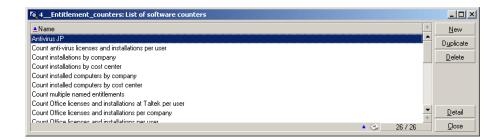
#### Verifying software entitlement compliance

George Gilbert wishes to check that software entitlements and utilizations are in compliance with the rights granted in the licenses.

He accesses the list of entitlement counters using the shortcut **4. Entitlement counters**:



AssetCenter displays the list of entitlement counters:



George Gilbert displays the detail of the counter Cisco VPN.

The detail tabs of the counter enable you to access the following information:

Software counters:	4Entitlement_coun	ters: Detail of s	oftware counter '¥PN Cisco	/		:
Name:	VPN Cisco		Code:			New
Use as template:	No		<ul> <li>Nature:</li> </ul>		•	Duplicate
Group by:	Employees (amEmplDe	ept)	<ul> <li>Supervisor:</li> </ul>		< ⊑ ▼	
Scope of application:		۹. 🗉	•			Calculate
License contract:					<	
General Rights Ins	tallations/Utilizations	lesults History	Documents Workflow			
△ Referenced object	△No of rights		tallations/utilizations		٩	
Hartke, Richard		1	1		+	
Bell, Gerald		1	0			
Tossi, Michaela		1	1		+	
Colombo, Gerald		1	1		<b>A</b>	
Mankowicz, Dominic		0	1			
Chavez, Philip		2	1			
Gerardin, Christian		1	0			
Levky, Patrick		0	1			
Schroeder, Eric		0	1			
Langhoff, Christopher		1	2			
Bratt, Julia		1	1			
Drainer, Sebastien		1	1		-	
Krause. Anna		0	1		+	
				≶	15/15	<u>C</u> lose

He can thus see who the software entitlement belongs to versus who has the product installed.

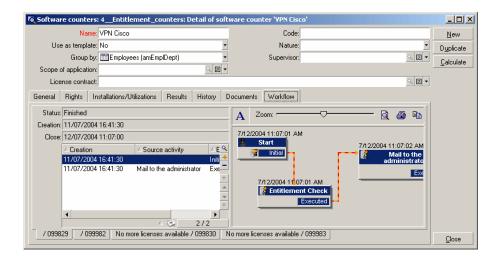
George Gilbert notices that certain users have installed the software without having the right to do so, and that other users are entitled to but have not installed the software.

George Gilbert must therefore contact the users to correct the situation either by expanding the number of licenses purchased or reallocating the software to the entitled parties.

#### Automatically notifying irregularities

AssetCenter's powerful workflow engine makes it possible to regularly check the status of software counters, and flag proactively potential issues.

For example, the workflow below notifies George Gilbert of potential compliance violations as shown by a counter:



### **Consolidation opportunities**

George has been asked to identify opportunities to reduce expenses. One idea has been to review potential opportunities to consolidate servers that may be fulfilling redundant processes. As George's company has grown via acquisition, there may be some opportunity for greater efficiencies.

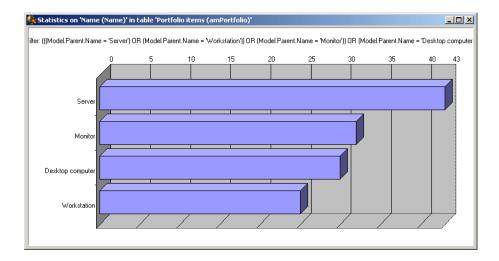
George wishes to have an idea of the proportion of servers in his computer population. He accesses the list of computers using the shortcut **1. List of computers**:



AssetCenter displays the list of computers:

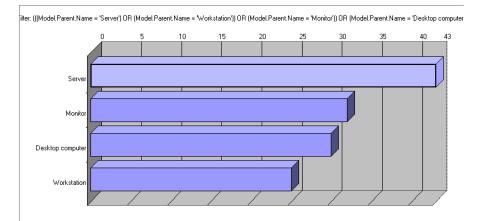
		<u>N</u> ew
Desktop computer	<b>_</b>	Durlante
Desktop computer		D <u>u</u> plicate
Desktop computer		<u>D</u> elete
Desktop computer		
Monitor		
Desktop computer		
Monitor		
Desktop computer	-	<u>D</u> etail
	Desktop computer Desktop computer Desktop computer Monitor Desktop computer Monitor	Desktop computer Desktop computer Desktop computer Monitor Desktop computer Monitor

To find out the proportion of servers in the computer population, George Gilbert right clicks the **Model** column, and then selects the **Utilities/ Statistics on this column** from the shortcut menu thus displaying a chart:



Now he knows that servers account for 43% of the computers in his computer population.

# He can click on the **Servers** bar in the chart directly to access the list of portfolio items that are included in the count:



List of portfolio i	ems		>
- Model	△Quantity △U	+	New
📕 Netserver Ic 2000	1	▲ 1	Duplicate
Avetserver lc 2000	1		
🛃 Netserver Ic 2000	1		<u>D</u> elete
🛃 Netserver Ic 2000	1		
🛃 Microsoft Server	1		
🛃 Microsoft Server	1		
🛃 Microsoft Server	1		
🛃 Microsoft Server	1		
🛃 Microsoft Server	1		
🔒 Microsoft Server	1		
🛃 Microsoft Server	1		
🔒 Microsoft Server	1		
Aicrosoft Server	1		
🚽 Microsoft Server	1		
Aicrosoft Server	1		
🛃 Microsoft Server	1		
🔒 Microsoft Server	1		
🛃 Microsoft Server	1		
🔒 Microsoft Server	1		
Aicrosoft Server	1		
🔒 Microsoft Server	1		
Aicrosoft Server	1	-	Detail
🔒 Microsoft Server	1	+ -	Detail
	ÿ ∆	3 437?	<u>C</u> lose

## Viewing the critical servers

George has created a view to directly access what are considered mission critical.

He accesses this list by using the shortcut **1. Critical servers**:



AssetCenter displays the list of critical servers:

		ritical_s	1	of portfoli	io item '1	IBM II	BM E-Serv	er (SR¥099	071:990508)				
	(Computer)		Location						△Scanner des			+	<u>N</u> ew
	o Server1 Eur		/France/La						Peregrine Desk			<b>^</b>	Duplicat
	Server01 FR		/France/La						Peregrine Desk				
- 🚽 We	b Server01 FR		/France/La				om/		Peregrine Desk		tory v7		Delete
	P Server1 Eur			Frankfurt/All					Tivoli Inventory				
	P Server2 Eur			Frankfurt/All					Tivoli Inventory				
	P LoadBal Eur			Frankfurt/All			or/		Tivoli Inventory SAP				
- Hawe	b Server02 IT		/Italy/Rom						HP				
	b Server01 IT		/Italy/Rom			3 F 1001 /							
	P Server1 NA		/USA/Burb /USA/Burb			n			Tivoli Inventory Tivoli Inventory				
	P Server2 NA		USA/Burb						Tivoli Inventory				
😽 3A	P LoadBal NA eb Server01 NA		USA/Burd				5/		AssetCenter W		ntorod		
	o Server01 NA Server01 NA		USA/Red						AssetCenter W AssetCenter W			-	
😂 Abl	D Serverut NA		/USA/heu	monu sitezai	outri sitez				AssetCenter w	en osei c	niereu	+	
											. 📚	13/13	
													1
Model	BM E-Server				۹ 🗉	-	Code: 99	0508					
eneral	Components	Costs	Adjustments	Computer	Asset	Ports	Acquis.	Fixed Asse	t Contracts	Maint.	Projects	Pr 🔺	
	Quantity:	1				4							Stock
	Assignment:	In use				•	S	upervisor:				< Ξ ▼	
	User:				۹. 🗉	-	ι	Init value: US	6\$0,00			- 8	
h	n-service date:	21/05/200	D4			•	Cost	category:				• 🗉 •	
1	nventory date:					•	Co	st center:				• 🗉 •	
	Location:	/France/L	.a Defense/5th F	loor Server I	Roo 🔍 🗉	-							
	Component of:				۹. 🗉	-							
ategory-													
atogoly	Full name:	/IT/Work	station/Server/										
		Computer											
lanager	nent constraint:												
	Comment:												Close

Using this list, he can have an overview of the locations of these servers. He can also display the complete details of each server.

## **Comparing the performances of the SAP servers**

George's company has recently acquired another company.

He knows that both companies were running SAP and are still on separate systems, and he has decided to evaluate which SAP configuration is more cost effective.

He accesses the list of SAP servers using the shortcut **3. SAP servers**:



AssetCenter displays the list of SAP servers:

IP name (Computer)	Location	Scanner description (Computer) <sup>+</sup>	<u>N</u> ew
SAP Server1 Eur	— /Germany/Frankfurt/Allicot Center/ /USA/Burbank site/2nd Floor/	Tivoli Inventory Tivoli Inventory	D <u>u</u> plicate Delete
		•	<u>D</u> etail

He can see one server located in Germany and another located in the United States.

George Gilbert will start by comparing the costs of the two servers (he clicks the **Detail** button, and then alternates between selecting the German server and the US server):

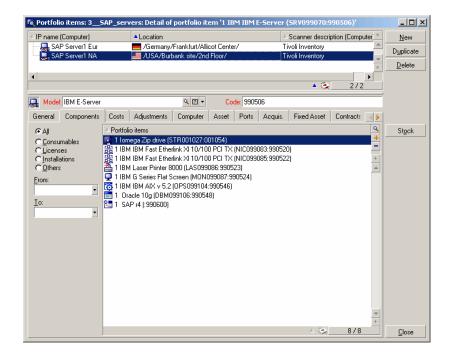
Portfolio items: 39	5AP_server:	s: Detail of	portfolio it	em '1 IB	M IBM B	-Server	(SR¥099080:9	90517)'	_ 🗆 ×
IP name (Computer)		Location				1	Scanner descri	ption (Computer) +	New
🚽 🛃 SAP Server1 Eur	_		Frankfurt/All		er/		ivoli Inventory	A	Duplicate
🖳 具 SAP Server1 NA	-	/USA/Burb	ank site/2nd	f Floor/		Т	ivoli Inventory	-	
								+	<u>D</u> elete
1							<b>*</b> 🖏		
								2/2	
Model: IBM E-Server			۰ 🗉 ک	Co	de: 9905	17			
General Components	Costs A	djustments	Computer	Asset	Ports	Acquis.	Fixed Asset	Contract: 🔜 🕨	
⊻iew: All				•	Erom:		• To:	•	St <u>o</u> ck
∠Title [	Debit	Credit						٩	
Purchase	US\$4 780,							+	
Installation	US\$250,								
Repairs	US\$345,							+	
Maintenance	US\$225,							<u> </u>	
Service	US\$125,								
Service	US\$525,								
Move Maintenance	US\$225, US\$125,								
Maintenance	05\$125,	¢20 00,	0,00						
								-	
								+	
							∠ 😒	8/8	Close

Portroli	io items: 3_	_SAP_serv		_	portrollo i	tem 11	BM IBM I	-server	(akanaa	070:9	905067		
	(Computer)			cation							ption (Compu	uter +	<u>N</u> ew
	P Server1 Eur				'Frankfurt/Al		er/		ivoli Inven			<u> </u>	Duplicate
🤳 SA	P Server1 NA			JSA/Burt	oank site/2n	d Floor/		T	ivoli Inven	tory		-	
												+	<u>D</u> elete
(										~		•	
									4	• 📚	2/2		
🔒 Model	BM E-Serve	il.			۰ 🖬 ک	C	ode: 9905	06					
General	Components	Costs	Adju	stments	Computer	Asset	Ports	Acquis.	Fixed A	sset	Contract:	< ▶	
⊻iew: A	dl					•	Erom:		-	To:		•	St <u>o</u> ck
⊥Title		Debit		Credit								٩	
Purchase		US\$4 5	580,00	US\$	\$0,00							+	
Support		US\$	700,00	US\$	0,00								
Repairs		US\$2	225,00	US\$	00,00							+	
Support		US\$	125,00	US\$	00,00								
Maintenar	nce	US\$	525,00	US\$	00,00								
Support		US\$8	635,00	US\$	00,00								
Repairs		US\$2	200,00	US\$	00,00								
Installation	n in the second s	US\$	735,00	US\$	00,00								
Support		US\$1 5	500,00	US\$	00,00								
Repairs		US\$12	225,00	US\$	00,00								
Move		US\$	500,00	US\$	00,00								
Repairs		US\$3	325,00	US\$	00,00								
Maintenar	nce	US\$	725,00	US\$	0,00								
Service			735,00		0,00								
Repairs		US\$25	500,00	US\$	0,00								
Support		US\$35			0,00								
Support		US\$2 (	00,00	US\$	0,00								
												-	
												+	
										2	17 / 17		<u>C</u> lose

He notices that the US server has been more expensive than the German server.

🔄 Portfolio items: 3\_\_5AP\_servers: Detail of portfolio item '1 IBM IBM E-Server (SR¥099080:990517)' \_ 🗆 🗡 IP name (Computer) Location Scanner description (Computer) + <u>N</u>ew Hermany/Frankfurt/Allicot Center/ JUSA/Burbank site/2nd Floor/ SAP Server1 Eur Tivoli Inventory D<u>u</u>plicate Tivoli Inventory <u>D</u>elete 4 Þ 🔺 🌦 🗌 2/2 BM E-Server ۰ 🗉 ک Code: 990517 General Components Costs Adjustments Computer Asset Ports Acquis. Fixed Asset Contract: ٩ • All A Portfolio items St<u>o</u>ck 📩 1 IBM IBM Fast Etherlink XI 10/100 PCI TX (NIC099090:990528) + C Consumables C Licenses C Installations C Others B 1 IBM IBM Fast Etherlink XI 10/100 PCI TX (NIC099091:990529) ↓ 1 IBM G Series Flat Screen (MON099092:990530) Torade Tog (TAP099093:990531)
 Torade Tog (TAP099094:990532)
 Torade Tog (DBM099097:990537)
 Torade Tog (DBM099097:990537) Erom: • <u>T</u>o: 1 SAP r4 (:990599) -∆ 🛞 8/8 <u>C</u>lose

George Gilbert will now compare the architecture of the two servers:



He notices that the German server is based on a **Red Hat Linux** computer running **Oracle** whereas the US server is based a computer running **Oracle** but is based on **IBM AIX**.

General Component Name: CPUI Asset tag: SRVI Last hardware scan CPU CPU type	Ver nts Costs 0 099049 099080	/USA/Burb Adjustments		Cod Asset	e: 99051 Ports	T	ivoli Inventory ivoli Inventory Fixed Asset	Contract:		Duplicat Delete
Modet: IBM E-Ser General Componen Name: CPU Asset tag: SRVI Last hardware scan CPU CPU type	nts Costs ) 099049 099080			Asset G	Ports			Contract:		
General Componen Name: CPU Asset tag: SRV Last hardware scan CPU CPU type	nts Costs ) 099049 099080			Asset G	Ports		Fixed Asset	-		St <u>o</u> ck
Name: CPU Asset tag: SRVI Last hardware scan CPU CPU type	099049 099080		Computer	G	àroup:	Acquis.	Fixed Asset	-	•	St <u>o</u> ck
Asset tag: SRV Last hardware scan CPU CPU type	099080	07:03:45						<u></u> (	- 2	St <u>o</u> ck
Last hardware scan CPU CPU type		07:03:45		Computer	r type:				-	
CPU CPU type	23/05/2003	07:03:45								
EPIL version	Pentium IV	IV Processor	•	Vitu	Memor, ial memor	y: 4056 w 196				
CPU count CPU speed	4		×			e: 598016	3			
BIOS										
Description				BIOS	AssetTa	g:				
Source				1	BIOS date	e:			-	

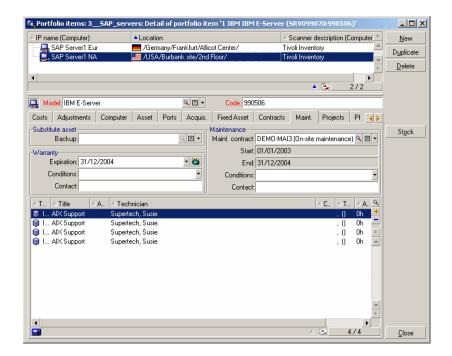
He will now compare the technical details of the two servers:

🖲 Portfolio items: 35AP_servers: Detail of	portfolio it	tem '1 IBM IBM E-	Server (	SR¥099070:9	90506)'	<u>_   ×</u>
∠IP name (Computer) ▲Location			Δ	Scanner descri	ption (Computer) +	New
- SAP Server1 Eur - Germany/F				voli Inventory	<u> </u>	Duplicate
SAP Server1 NA 📕 /USA/Burb	ank site/2ni	d Floor/	Ti	voli Inventory	-	Delete
•					+	Delete
				🔺 🎘	2/2	
Model: IBM E-Server	۰ 🗉 ۲	C				
		Code: 990506				
General Components Costs Adjustments	Computer	Asset Ports	Acquis.	Fixed Asset	Contract: 🔜 🕨	
Name: CPU099029		Group:			< ■ -	Stock
Asset tag: SRV099070		Computer type:			•	
Last hardware scan:					-	
_CPU						
CPU type: Pentium IV	•	Memory	<i>r</i> : 2024			
CPU version: Intel Pentium IV Processor	-	Virtual memory	r 196			
CPU count: 1	▲ ▼	Disk size	25096		* *	
CPU speed: 2	*					
BIOS						
Description:		BIOS AssetTag	g:			
Source:		BIOS date	e:		•	
General Hardware Scanner Extensions	Drives	Network Applica	tions 🔤 1	racking Hist	ory Fea 🔺 🕨	<u>C</u> lose

He notices that the German server has 4 CPUs whereas the US server has only one.

George Gilbert would like to compare the maintenance logs of the 2 servers:

🗟 Portfolio items: 3SAP_servers: Detail of p	ortfolio item '1 IBM IBM	E-Server (SR¥099080:9905	17)'	
✓ IP name (Computer) ▲ Location		∠Scanner description	(Computer) +	New
	ankfurt/Allicot Center/	Tivoli Inventory	▲	Duplicate
- 🚑 SAP Server1 NA 🛛 📕 /USA/Burba	nk site/2nd Floor/	Tivoli Inventory	-	Delete
•			+	Delete
		× 😪	2/2	
Model: IBM E-Server	Code: 9905     Code: 9905	517		
Costs Adjustments Computer Asset Ports	Acquis. Fixed Asset	Contracts Maint. Projects	Pł 🜗	
Substitute asset	Maintenance			St <u>o</u> ck
Backup:	▲ ■ ▼ Maint. contract:		<	
Warranty	Start:     End:			
Expiration:				
Conditions:	Contaitions.		I	
Contact:	Contact:			
△T △Title △A △Technician		Δ <b>C</b> Δ	T 🛆 A 🔍	
			+	
			+	
			+	
4			•	
		_ ⊘_	0/0	Close



He notices that the German server has not required maintenance, whereas the US server has required several AIX service calls.

George Gilbert now would like information on the amortization status of the two servers:

🗧 Portfolio items: 3SAP_servers: Detail of portfolio item '1 IBM IBM E-Server (SRV099080:990517)'	_ 🗆 ×
△IP name (Computer) ▲Location △Scanner description (Computer	<u>N</u> ew
📕 🤤 SAP Server1 Eur 💼 /Germany/Frankfurt/Allicot Center/ Tivoli Inventory 🛆 🗋	Duplicate
🖳 🛃 SAP Server1 NA 🛛 📕 /USA/Burbank site/2nd Floor/ Tivoli Inventory	Delete
	<u>D</u> 01010
▲ 📚 2/2	
Model, IBM E-Server Code: 990517	
Costs Adjustments Computer Asset Ports Acquis. Fixed Asset Contracts Maint. Projects Pł	
Simplified estimation of net value Fixed asset #	Stock
Depreciation type: SL, 3 years Associated fixed assets	
Start date: 21/05/2003	
Depreciation basis: US\$4 780,00	
Estimation date: 21/05/2004	
Depreciation: US\$1 619,89	
Residual value: US\$3 160,11	
	Close

Portf	olio items: 3_	_SAP_serv	ers: Deta	ail of po	ortfolio it	em '1 IBM IBM	E-Server (	SR¥0990	70:99050	)6)'	
	ne (Computer)		Location							Computer +	<u>N</u> ew
	SAP Server1 Eu					icot Center/		voli Invento		<u> </u>	Duplicate
<b>.</b>	SAP Server1 NA	1	- 7USA	/Burban	ik site/2nd	i Floor/	11	voli Invento	ory	-	Delete
(										+	Delete
									۰.	2/2	
J Mod	del: IBM E-Serv	er			• 🗉 ک	Code: 990	506				
Costs	Adjustments	Computer	Asset	Ports	Acquis.	Fixed Asset	Contracts	Maint.	Projects	Pł 🔸	
	ed estimation of					Fixed asse	et #:				Stock
Depre	eciation type: SL	., 3 years			• 🗉 •	Associated fixed	assets				
	Start date: 21	/05/2001			•						
Depred	ciation basis: US	5\$4 580,00			- 8						
Esti	imation date: 21	/05/2004			-						
0	Depreciation: US	5\$4 647,85			28						
Re	sidual value: US	5\$-67,85			28						
											Close
											<u><u>r</u>iose</u>

He notices that the US service is fully amortized, whereas the German server is not yet.

All this information, obtained in a short amount of time, has allowed him to compare the two different solutions in terms of expenditure and he can now make an informed decision to consolidate on the German SAP server.

# **Optimizing software license expenses**

George believes that since the merger, his company is likely over-spending on software licenses and he decides to investigate. He has decided to start by looking at his most expensive software.

He starts by searching for software the most expensive to buy.

He opens the list of license purchase prices using the shortcut **1. License purchase** prices:



AssetCenter displays the following list of license purchase prices:

1_License_purchase_price: List					_0.
<u>Name</u>	△Brand	▼Price (Def		+	<u>N</u> ew
n SAP r4	SAP	125 000,00		<u> </u>	Duplicate
👸 IBM AIX v 5.2	IBM	30 000,00			
Property Management Service Gold	Workspeed	15 000,00			<u>D</u> elete
notes 4.6	Lotus	10 000,00			
📅 Cisco VPN Client 4.0	Cisco	10 000,00			
🔂 Linux Red Hat Ent v3	Red Hat	5 000,00			
🔏 Intranets	Intranet	3 000,00			
🖬 Groupware W	Brandix	1 300,00			
📊 Groupware U	Brandix	1 100,00			
TOffice 2000 Pro	Microsoft	484,00			
office 2000	Microsoft	431,00			
👸 Windows 2000	Microsoft	231,00			
👸 Windows 2000 Server	Microsoft	231,00			
👸 Windows XP	Microsoft	176,00			
🚾 FrontPage 2000	Microsoft	129,00			
📅 Winzip 8.1	WinZip Computing	89,00			
🚍 Norton AntiVirus Corporate Edition 7.θ	6	43,00			
📅 Plus 98	Microsoft	33,00			
office XP	Microsoft	0,00			
📑 Oracle 10g		0,00			
Cisco VPN	Cisco	0,00		-	Detail
_				+	
			🔺 🎘	21 / 21	<u>C</u> lose

At first glance, he quickly identifies that SAP is by far the most expensive license. He therefore decides to drill down further. George starts by examining SAP per user costs. He accesses the list of software installation costs using the shortcut **1. Software installation costs**:



#### AssetCenter displays the corresponding list:

🖲 Installations logicielles: 2Software_	installation_costs: Détail	de l'installation logiciell	e "(multiple selecti	on)	<u>_     ×</u>
△ Model (Portfolio item)	△User (Portfolio item)	▼Unit value (Por	△Hourly Usage	+	New
SAP r4	Bell, Gerald	5 000,00	1 771	•	Duplicate
SAP r4	Herbert, Frank	5 000,00	1 361		Duplicate
SAP r4	Chouragui, Thomas	5 000,00	0		<u>D</u> elete
SAP r4	Levky, Patrick	5 000,00	1 352		
SAP r4	Colombo, Gerald	5 000,00	75		
SAP r4	Mankowicz, Dominic	5 000,00	125		
SAP r4	Mitsuko, Annita	5 000,00	0		
Office xp	Drainer, Sebastien	100,00	3 225		
Office xp	Bernard, Cathy	100,00	344		
Access xp	Drainer, Sebastien	55,00	0		
Access xp	Bernard, Cathy	55,00	0		
Windows 2000	Chavez, Philip	55,00	0		
Winzip 8.1	Chavez, Philip	55,00	0		
Windows Me	Colombo, Gerald	55,00	0	-	
Windows Me	Gerardin, Christian	55,00	0	+	
		FF 00	🔺 😪 🔄	61 / 61	
General Software inst. Utilization Hist	ory Documents Workflo	w		<ul> <li></li></ul>	
Component of:					
Model: SAP r4				• 🗉 •	
Assignment: In use	•	Supervisor:		< Ξ ▼	
User:	a 🗉 🖛				
In-service date: 11/07/2004	-				
Inventory date:	-				
Location:	<				
Comment:				<u> </u>	
				-	<u>C</u> lose

George confirms that SAP is very expensive to deploy on a per-user basis and that he should closely scrutinize who has access to it.

George notices that two people who have SAP installed are not using it (usage = 0). This presents a potential cost savings opportunity.

George moves on to see whether the company is contractually in compliance for the SAP licenses it has deployed.

First, George clicks on the **Rights** tab to review total number of rights versus number deployed. This should show that he is in compliance. Next he accesses the list of SAP software counters using the shortcut **3. SAP license compliance**:



#### AssetCenter displays the following list

🔍 Software counters:	3SAP_license_com	pliance	: Detail of software cou	unter 'SAP Licen	ses and Insta	II <u>- 0 ×</u>
△Name				△ Nature	e +	New
SAP Licenses and Installa					<b></b>	Duplicate
SAP Licenses and Installa	ations with User Entitlemen	t			+	
•					•	<u>D</u> elete
				_ ⊗_	2/2	
Name:	SAP Licenses and Installa	tions wit	Code:			<u>C</u> alculate
Use as template:	No	•	Nature:		•	
Group by:	Employees (amEmplDe	ept) 🔻	Supervisor:	Chavez, Philip	۰ 🗉 ک	
Scope of application:		<				
License contract:	DEMO-LIC4 (SAP Partner	Program	<u>່</u> 1		۰ 🗉 🔹	
General Rights Ins	stallations/Utilizations F	lesults	History Documents	Workflow		
△ Referenced object	△No of rights	∆No	o of install		٩	
Bell, Gerald		1	1		+	
Mitsuko, Annita		0	1			
Colombo, Gerald		1	1		+	
Mankowicz, Dominic		1	1			
Levky, Patrick Smith, John		1	1			
Chouragui, Thomas		1	1			
Herbert, Frank		1	1			
					*	
				∠ 🍣	8/8	Close
				- M	0.0	<u>r</u> iose

He sees that Annita Mitsuko has SAP installed but is not actually entitled to one. Also, from the previous screen, George remembers that Annita is not using the product. Therefore, George can contact Annita directly and then reduce the number of SAP licenses that the company needs to maintain, thus saving on future maintenance expenses related to the license.

In another example, Thomas Chouraki has an SAP license and is identified as being entitled to it, however, as he saw in the previous screen, Thomas has also not used SAP. Here again is another opportunity to either reassign the license or reduce the number of licenses required.

# Analyzing expenses by cost center

As George is under pressure to identify other areas to reduce expenses, he has decided to review costs by department to determine if he can identify additional cost cutting opportunities.

He accesses the list of expenses using the shortcut 1. Expenses by cost center:

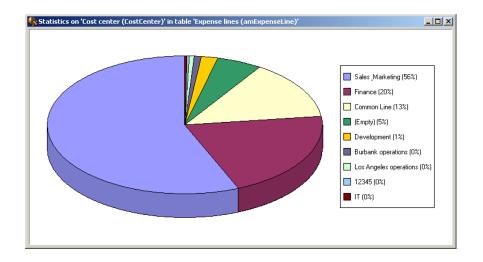


AssetCenter displays a list of expenses. Note the identification of departments and cost centers that are responsible for the incurred expenses:

2/07/2004       VFN Service Charge : 1 Cisco V       US\$0,000       US\$110,000       Sales & Marketing       Duplicat         2/07/2004       VFN Service Charge : 1 Cisco V       US\$10,000       US\$10,000       Sales & Marketing       Duplicat         2/07/2004       SAP Charge Back : 1 Cisco VFN       US\$10,000       US\$10,000       Sales & Marketing       Duplicat         2/07/2004       Software installation : 1 Cisco       US\$0,000       US\$10,000       Sales & Marketing       Duplicat         2/07/2004       VFN Service Charge : 1 Cisco VFN       US\$110,000       US\$10,000       Sales & Marketing         2/07/2004       Software installation : 1 Cisco       US\$110,000       US\$10,000       Common Line         2/07/2004       SAP Charge Back : 1 Cisco VFN       US\$110,000       US\$10,000       Common Line         2/07/2004       SAP Charge Back : 1 Cisco VFN       US\$110,000       US\$10,000       Common Line         2/07/2004       SAP Charge Back : 1 Cisco VFN       US\$110,000       US\$10,000       Common Line         2/07/2004       SAP Charge Back : 1 Cisco VFN       US\$10,000       US\$10,000       Common Line       US\$20,000         2/07/2004       VFN Service Charge : 1 Cisco V       US\$10,000       US\$10,000       Eise       Marketing       Origin	Expense date	<u>∠</u> Title	Credit	Debit	△Cost center	+	New
2/17/2004         VPN Service Charge: 11 Usco V         US\$110,00         US\$10,00         Sales & Marketing           2/07/2004         SAP Charge Back: 11 Cisco VPN         US\$10,00         US\$10,000         Sales & Marketing           2/07/2004         SAP Charge Back: 11 Cisco VPN         US\$10,000         US\$10,000         Sales & Marketing           2/07/2004         SAP Charge Back: 11 Cisco VPN         US\$110,000         US\$10,000         Ename           2/07/2004         Software installation: 11 Cisco         US\$10,000         US\$110,000         Common Line           2/07/2004         VPN Service Charge: 11 Cisco V         US\$110,000         US\$110,000         Common Line           2/07/2004         SAP Charge Back: 11 Cisco VPN         US\$110,000         US\$110,000         Common Line           2/07/2004         SAP Charge Back: 11 Cisco VPN         US\$110,000         US\$110,000         Common Line           2/07/2004         SAP Charge Back: 11 Cisco V         US\$10,000         US\$1110,000         Sales & Marketing           2/07/2004         VPN Service Charge: 11 Cisco V         US\$10,000         US\$110,000         Sales & Marketing           2/05/2004         Support         US\$10,000         US\$110,000         US\$150,000         Finance           2/05/2004         Repairs	2/07/2004		US\$0,0	) US\$110,00	Sales & Marketing	<b>▲</b>	Duelieste
2/07/2004         Move an asset: 1 Microsoft Ci         US \$0.00         US \$0.00 Sales & Marketing           2/07/2004         SAP Charge Back: 1 Cisco VPN         US \$10.00         US \$0.00 Finance           2/07/2004         Software installation : 1 Cisco         US \$0.00         US \$10.00 Common Line           2/07/2004         VPN Service Charge : 1 Cisco V         US \$10.00         US \$10.00 Common Line           2/07/2004         VPN Service Charge : 1 Cisco V         US \$10.00         US \$10.00 Common Line           2/07/2004         SAP Charge Back: 1 Cisco VPN         US \$10.00         US \$110.00 Common Line           2/07/2004         SAP Charge Back: 1 Cisco VPN         US \$10.00         US \$10.00 Common Line           2/07/2004         SAP Charge Back: 1 Cisco VPN         US \$10.00         US \$110.00 Sales & Marketing           2/07/2004         SAP Charge Back: 1 Cisco VPN         US \$10.00         US \$110.00 Sales & Marketing           2/07/2004         Software installation : 1 Cisc         US \$0.00         US \$110.00 Sales & Marketing           2/07/2004         VPN Service Charge : 1 Cisco V         US \$10.00 US \$110.00 Sales & Marketing         2/05/2004           2/05/2004         Repairs         US \$0.00         US \$110.00 Sales & Marketing         2/05/2004           2/05/2004         Repairs         US \$0.00			US\$110,0				
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Cost category: Maintenance Q . Cost center: Sales & Marketing Q .	Debit: U	JS\$110,00		Tax debit: US\$0,0	0		
	Expense date: 1	2/07/2004	•	Status: Incurred	1	-	
Comment	Cost category: N	faintenance	۰ 🗉 🔹 🕻	ost center: Sales &	Marketing	• 🗉 ک	
	Comment					A	

George Gilbert right clicks the **Cost center** column, and then selects the **Utilities**/ **Statistics on this column** command from the shortcut menu:

Expense date	⊥Title	Credit	D	ebit	△ Cost center		+	New
2/07/2004	VPN Service Charge : 1 Cisco V	US	\$0,00	US\$110,00	Sales & Marketing		<b></b>	 Duplicate
2/07/2004	VPN Service Charge : 1 Cisco V		110,00	US\$0,00				Duplicate
2/07/2004	SAP Charge Back : 1 Cisco VPN	I US	6\$0,00	US\$110,00	Sales & Marketing			<u>D</u> elete
2/07/2004	Move an asset : 1 Microsoft Ci		6\$0,00		Sales & Marketing			
2/07/2004	SAP Charge Back : 1 Cisco VPN		110,00	US\$0,00			1	
2/07/2004	Software installation : 1 Cisc		6\$0,00	US\$50,00	L method	•	Carl	figure list
2/07/2004	VPN Service Charge : 1 Cisco V		6\$0,00	US\$110,00	L	-		ort the list
2/07/2004	VPN Service Charge : 1 Cisco V		110,00	US\$0,00	1			
2/07/2004	SAP Charge Back : 1 Cisco VPN		6\$0,00	US\$110,00		•		esh status l
2/07/2004	SAP Charge Back : 1 Cisco VPN		110,00	US\$0,00				istics on this
2/07/2004	Software installation : 1 Cisc		6\$0,00		( 🖌 No filter		Rem	iove this colu
1/07/2004	VPN Service Charge : 1 Cisco V		\$\$0,00	US\$110,00				
1/07/2004	VPN Service Charge : 1 Cisco V		\$\$0,00	US\$110,00	dan't une			
2/05/2004	Support		5\$0,00	US\$1 500,00				
2/05/2004	Repairs		\$\$0,00	US\$1 225,00	r		-	
2/05/2004	Move	US	\$\$0,00	US\$500,00	List only		+	
					Detail only		•	
<b>*</b>					✓ List and detail			
Title: VPN Servi	ce Charge : 1 Cisco V		Date:	12/07/2004	Navigate to	•	•	Origin
General Alloc	ation Chargeback History	Documents	Feature	s Workflow			-	
Credit: U	IS\$0,00	÷ 8	Ta	x credit: US\$0,0	)	_	-	
Debit: U	IS\$110.00	\$8	Ta	ax debit: US\$0.0	)	_	18	
Expense date: 1		• -		Status: Incurred				
Cost category: M			Cost	center: Sales &		0		
	Tai Kortanoo				- and a g	_		
Comment:								



AssetCenter displays a chart that shows expenses by cost center:

Immediately, George recognizes that the marketing department is generating a disproportionate percentage of IT expenses. George can now focus his future efforts on understanding why marketing is so expensive to support.

### **Tracking budget against actual**

AssetCenter serves as IT's general ledger. With it, George can not only establish his operating budget but also compare actual expenses against budget. This helps to identify cost overruns and plan future courses of action. AssetCenter allows George to do the following:

- Create a budget
- Define cost centers and types of costs to be incurred (cost categories)
- Record the types of costs incurred by cost center

Using this information, George has a real-time view of how IT is performing against budget.

He accesses the list of expenses using the shortcut **1. IT budget center**:



AssetCenter displays the available budgets:

🖲 Budget centers: Detail of bud	lget center 'IT'				
Name: IT					New
Supervisor:				< Ξ ▼	Duplicate
Sub budget center of:				< Ξ ▼	
Budgets Cost centers Project	ts History Documents	s			
∠Budgets	△ Financial year (Divisi	∠ Status		٩	
IT - 2002	2002	Closed		+	
IT - 2003	2003	Closed			
IT - 2004	2004	Validated		+	
				<u> </u>	
				*	
				+	
			_ ⊗_	3/3	<u>C</u> lose

George wishes to review the current, 2004, budget.

🍋 Budgets: De	tail of budget 'IT - 2004'	
Name: IT -	2004	New
General Lin	es History Documents	Duplicate
Budget center:	• <b>3</b>	Tracking
Code:	000003	
Division:	2004: Quarterly	
Classification:	IT activity	
Status:	Validated 💌	
Comment	A	
		Church
		<u>C</u> lose

In order to compare how IT is working against budget, George clicks the **Tracking** button.

AssetCenter displays a budget control wizard, which enables George to see whether IT is over or under budget.

🔨 Wizard: 'View bu	udget managemen	<b>'</b> .				
View bud <sub>a</sub>	get manage	ement				
	Budget lines					
	∆Name		∠Allowance		△Name (Period)	△Name (Budget) _+
	IT - 2004 : IT/20			100 000,00		IT - 2004 🔶
	IT - 2004 : IT/20 IT - 2004 : IT/20 IT - 2004 : IT/20	I04 - Q3		110 000,00	) 2004 - Q2 ) 2004 - Q3 ) 2004 - Q4	IT - 2004 IT - 2004 IT - 2004
	•					*
						△ 📚 474
	Related expense line	1				
	⊥Title	▲ Debit				+
	Purchase Purchase Purchase Purchase	2 20 3 19 7 27	1,68 Incurred 1,68 Incurred 9,00 Incurred 7,37 Incurred			
	Purchase Purchase		7,37 Incurred 7,37 Incurred			▼ +
						🔺 🌏 🛛 255 / 255
	Consumption / Allow	ance Summary				
			000 20 000 30 000 40	000 50 000 60 000 70 0		0 000
	IT - 2004 : IT /2	2004 - 01				
	IT - 2004 : IT /2	2004 - Q2				Expenses (80 980)
	IT - 2004 : IT /2	1				Allowance (340 000)
	IT - 2004 : IT72	2004 - Q4				
						OK Cancel



This guide has served as a sample of how to use AssetCenter to accomplish the most common asset management processes within the early stages of process maturity. By following the steps described in this document, organizations can reach a proactive level of process maturity. To schedule a demo or to learn more about the additional processes unlocked by Peregrine's **Process Automation** and **Asset Optimization** solutions, refer to the Peregrine contacts below.

### **Your contacts at Peregrine Systems**

If you have questions or for additional information:

**Matthew Schvimmer**, Asset Management Senior Product-Marketing Manager (matthew.schvimmer@peregrine.com) or **Dennis Byrne**, Asset Management Senior Product Manager, dennis.byrne@peregrine.com

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San Diego, CA 92130

+1 (858) 720-5254

# AssetCenter compatibility matrix

For information on supported environments, refer to the Peregrine support site at **http://support.peregrine.com**.

Please contact Peregrine Systems for an identifier and a password.

Once you are logged on to the support site, you can browse the compatibility matrix pages via **Product Information/ Asset Management/ AssetCenter/Compatibility Matrices**.

# Information on the Peregrine Systems offering

The Peregrine Systems web site contains a wealth of information.

In particular, you will find product documentation, white papers, demonstrations, customer testimonials.

The address of the web site is http://www.peregrine.com.

# Trying out AssetCenter by yourself

If you would prefer to install AssetCenter and work through the examples on your own, Peregrine is willing to accommodate under the terms of a non-disclosure agreement. Live demonstrations can be scheduled at any time.

