



**EyesOnIT – How to have all your IT HW under your Eyes**

# *Bet@com*

*Soluzioni Informatiche*





## What is

EyesOnIT is a service provided by Betacom that requires the installation, configuration and training of the OCS Inventory platform that provides to System Administrator an automatic cataloging tool of all the equipment (hardware and software) used in your agency





## What does

- Automatically collects (and updates) information about nodes
- Centralize collected information
- Offer a quick search of information by an easy web interface
- Allows the remote installation deploy / SW updates or script maintenance





# Architecture

EyesOnIT is based on best free software products:

- Linux
- Apache
- MySql
- PHP
- OCS Inventory



To ensure top performances level and reliability to the solution



# Functional Analysis (I)



Management Server



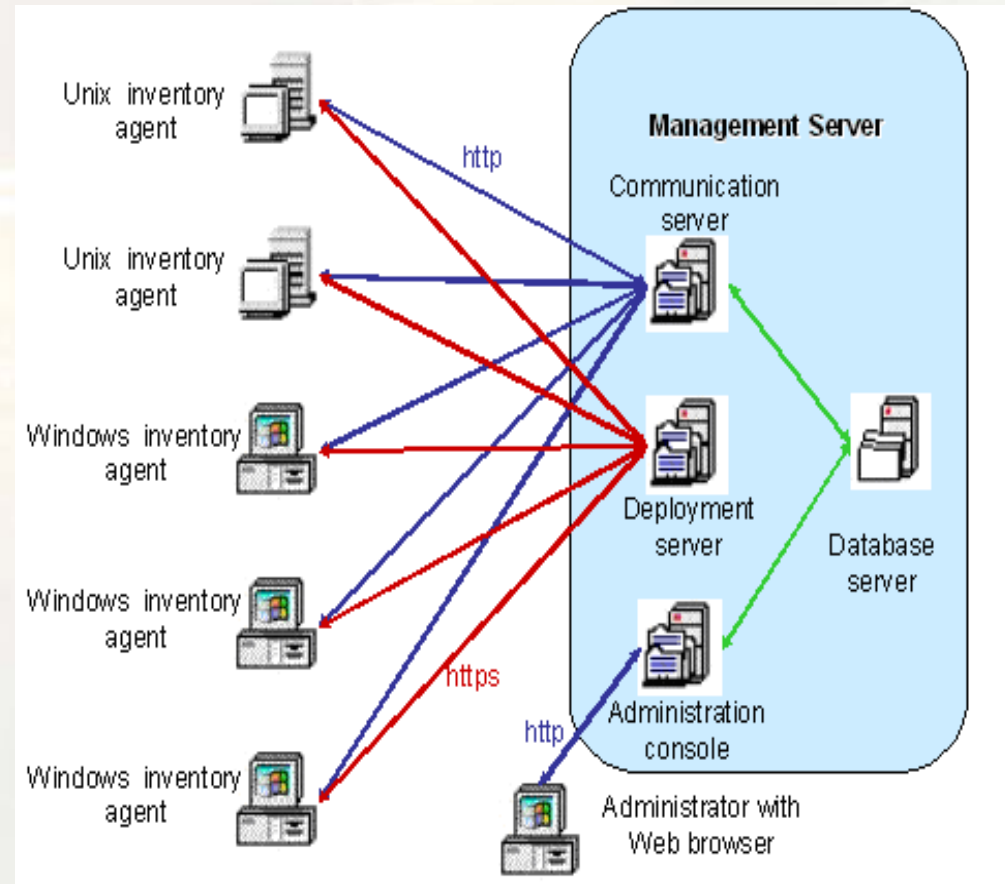
- Database Server, where inventory and configuration information are stored (console and deployment side).
- Communication Server, allows to manage HTTP communications between the database server and agents (inventory update, elections etc.).
- Deployment Server, store all the packages distribution configurations by the HTTPS protocol.
- Administration Console, allows administrators to query the database server by their favorite browser.



# Functional Analysis (II)



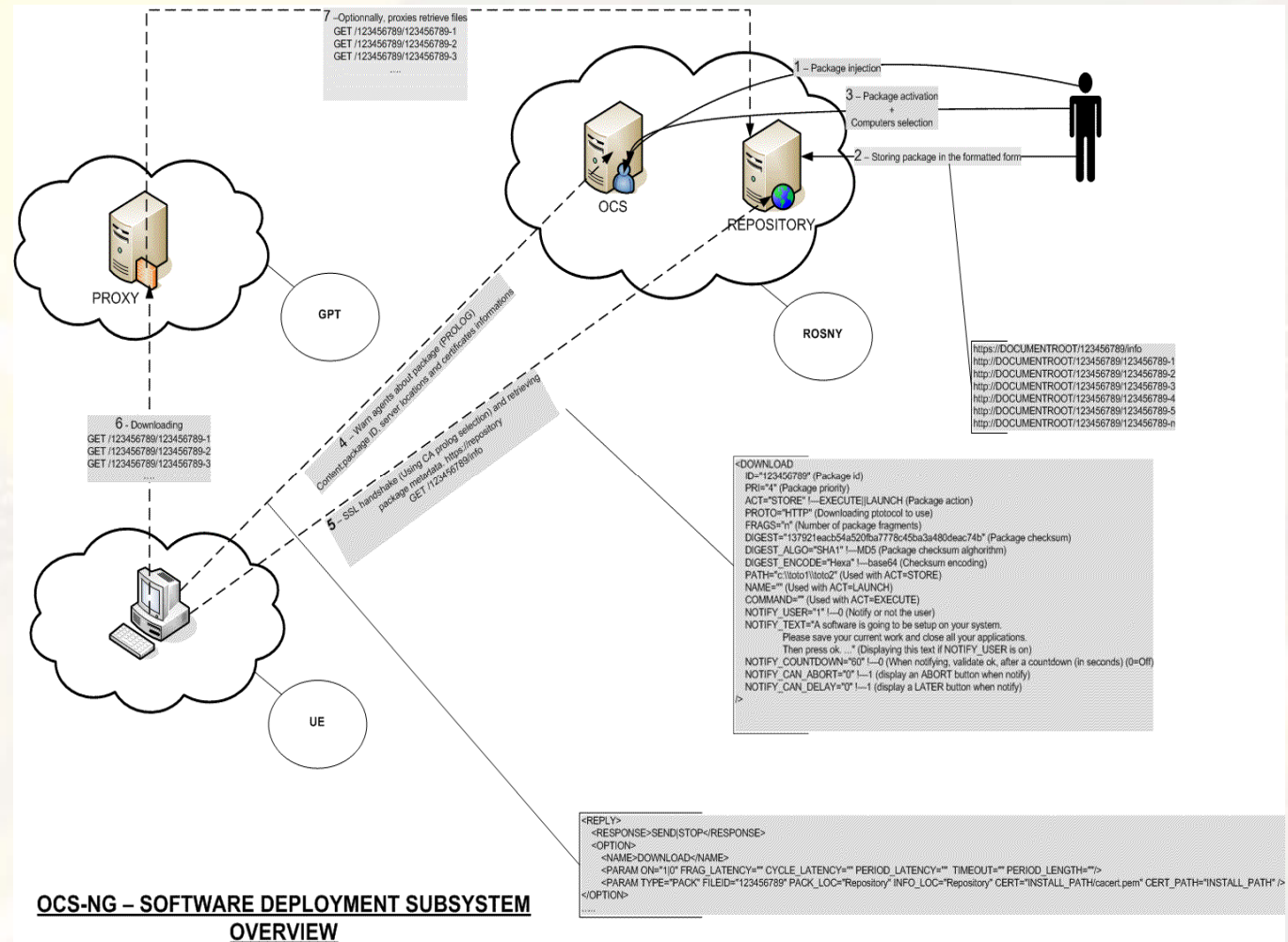
With the modular architecture is possible to host the 4 components on a single or different host, depending on the load that has to support.





## Deployment System

EyesOnIT includes packages distribution functionalities on client computers. From the central manager server, it's possible to load packages that will be downloaded by HTTP / HTTPS and launched by an agent on the client computer.





## Example of stored information

- BIOS
- Processors
- Array memory slots
- Total RAM memory
- Total paging file or swap size
- Input devices
- Door system
- Slots system
- Controller system
- Storage devices
- Logical units/ partitions
- Audio devices
- Video adapter
- Display monitor
- Telephony modem
- Network cards
- Printers
- S.O.
- Software
- Register values
- Computer





## ...not only...

EyesOnIT is also able to detect all network devices.



In fact in addition to host can be detected switch, router, printers and supervision devices IP and MAC address.

In case of big network, formed by different subnet, it's possible to delegate the discovery to inventoried host.

It's also possible to organize detected nodes and organize them by a classify criteria.



## Inventoried devices



**EyesOnIT**

All computers

111 Result(s) (Download) Show: 20 Add column Reset

1 ... 6 >>

△ Last inventory ✕	Computer ✕	Operating system ✕	RAM(MB) ✕	CPU(MHz) ✕	
04/04/2007 14:48:44	W16753101AAB	Microsoft Windows 2000 Server	1024	2660	✕
04/04/2007 14:45:28	HICOM	Microsoft Windows XP Professional	512	1002	✕
04/04/2007 14:44:26	ST32635RB	Microsoft Windows XP Professional	1024	2793	✕
04/04/2007 14:43:22	ST209036AH2	Microsoft Windows XP Professional	1024	2793	✕
04/04/2007 14:36:38	W16753101AAG	Microsoft Windows 2000 Server	1280	1393	✕
04/04/2007 14:36:00	ST32481DEV	Microsoft Windows XP Professional	1024	2399	✕
04/04/2007 14:31:17	CAMEL-2K-DEV	Microsoft Windows 2000 Server	1024	2391	✕
● 04/04/2007 14:31:02	PTRCM320	Microsoft Windows XP Professional	735	2392	✕
04/04/2007 14:28:43	AV-PMF-6-XP	Microsoft Windows XP Professional	512	2793	✕
04/04/2007 14:22:51	ST32443RR	Microsoft Windows XP Professional	1024	2399	✕
04/04/2007 14:20:40	ST32639EXT	Microsoft Windows XP Professional	1024	2792	✕
04/04/2007 14:19:09	LABO-AV-2K-01	Microsoft Windows 2000 Server	2048	2666	✕
04/04/2007 14:16:31	ST32455DP	Microsoft Windows XP Professional	1024	2399	✕
● 04/04/2007 14:16:27	PT32516DEV	Microsoft Windows XP Professional	1024	2391	✕
04/04/2007 14:09:25	ST32611EXT	Microsoft Windows XP Professional	1024	2792	✕
04/04/2007 14:08:52	LABO-AV-2K-02	Microsoft Windows 2000 Server	2048	2666	✕
04/04/2007 14:05:59	W16753101AAI	Microsoft Windows 2000 Server	1024	2394	✕
04/04/2007 14:04:32	ST32528DEV	Microsoft Windows XP Professional	1024	2391	✕
04/04/2007 14:04:26	LABO-AV-NT-03	Microsoft Windows NT 4.0 Server	1280	666	✕
● 04/04/2007 14:04:04	W16753101AAJ	Microsoft Windows 2000 Server	1024	2394	✕

Mass processing: Frequency Deploy Delete

1 ... 6 >>



## Autodiscovery



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Network information  
(61 uninventoried network interfaces)

Uid:

Click to edit	Uid	IP address	Inventoried	Non-inventoried	IpDiscover	Identified
-> Click to edit <-	0	[REDACTED]	1	0	0	0
-> Click to edit <-	0	172.16.232.0	1	0	0	0
-> Click to edit <-	0	192.168.140.0	1	0	0	0
-> Click to edit <-	0	192.168.192.0	1	0	0	0
-> Click to edit <-	0	192.168.38.0	1	0	0	0
-> Click to edit <-	0	192.168.51.0	1	0	0	0
-> Click to edit <-	0	192.168.80.0	1	0	0	0
[REDACTED]	4	[REDACTED]	1	0	0	12
[REDACTED]	3	[REDACTED]	21	1	2	10
[REDACTED]	2	[REDACTED]	74	7	2	19
[REDACTED]	1	[REDACTED]	25	0	2	9
-> Click to edit <-	0	[REDACTED]	2	0	0	0
[REDACTED]	5	[REDACTED]	15	1	2	2
[REDACTED]	6	[REDACTED]	2	0	2	1
[REDACTED]	7	[REDACTED]	1	0	0	0



## Inventoried software



EyesOnIT			
Symantec Corporation	Liveupdate 3.0 (Symantec Corporation)	3.0.0.100	N/A
N/A	MSDN Library pour Visual Studio 6.0 (Français)	N/A	N/A
Mozilla	Mozilla Firefox (1.5.0.7)	1.5.0.7 (fr)	N/A
Mozilla	Mozilla Thunderbird (1.5)	1.5 (fr)	N/A
OCS Inventory Team	OCS Inventory Agent 4.0.3.2	4.0.3.2	N/A
N/A	Intel(R) PRO Ethernet Adapter and Software	N/A	N/A
Jan Fiala	PSPad editor	N/A	N/A
Microsoft Corporation	Correctif pour le Lecteur Windows Media [Voir Q828026 pour plus d'informations]	N/A	N/A
Microsoft Corporation	Internet Explorer Q903235	N/A	N/A
Macromedia	Macromedia Flash Player 8	8	N/A
N/A	ADMCAS	N/A	N/A
N/A	ADMCAS (D:/applinat/StarCAS/ADMCAS/)	N/A	N/A
N/A	Tweak UI	N/A	N/A
Microsoft Corporation	Correctif cumulatif 1 pour Windows 2000 SP4	20050809.32623	N/A
N/A	Microsoft Visual Studio 6.0 Édition Entreprise (Français)	N/A	N/A
N/A	Assistant Publication de sites Web Microsoft 1.53	N/A	N/A
WndTabs.com	WndTabs v3.10	3.10	N/A
N/A	IBM WebSphere Application Server, V6	N/A	N/A
MySQL AB	MySQL Connector/ODBC 3.51	3.51.12	N/A
MySQL AB	MySQL Query Browser 1.1	1.1.20	N/A
Symantec Corporation	Symantec AntiVirus	9.0.510	Merci d'utiliser les produits de sécurité Symantec.
Sun Microsystems, Inc.	J2SE Runtime Environment 5.0 Update 11	1.5.0.110	N/A
<no manufacturer>	Crystal Reports Embeddable Designer for IBM Rational Application Developer	1.0.0	N/A
Symantec Corporation	Symantec AntiVirus	10.1.4000.4	Merci d'utiliser les produits de sécurité Symantec.
MySQL AB	MySQL Administrator 1.1	1.1.9	N/A
Microsoft Corporation	Microsoft Office XP Professional avec FrontPage	10.0.6626.0	N/A
Adobe Systems Incorporated	Adobe Reader 6.0 - Français	6.0	N/A
N/A	SCR111 PC/SC Drivers Installation	N/A	N/A
MySQL AB	MySQL Server 5.0	5.0.18	N/A
St. James Software	MyOleDB	3.9.6.0	N/A
N/A	SoundMAX	N/A	N/A
Microsoft Corporation	Microsoft Windows 2000 Server	5.0.2195	Service Pack 4

### REGISTRY

Key name	Key value
HKLM-Software-Microsoft-Windows-CurrentVersion-Run	Tweak UI=RUNDLL32.EXE TWEAKUI.CPL,TweakMeUp
HKLM-Software-Microsoft-Windows-CurrentVersion-Run	UpdateDriver=C:/Program Files/SCM Microsystems/SCR111 PCSC Driver/PCSC Tools/Update Driver/UpdateDriver.exe -IF:C:/Program Files/SCM Microsystems/SCR111 PCSC Driver/PCSC Driver Files/SCR111_INF -HD:SERFNUM/SCM000B