SYSTEM MANAGEMENT FOR THE INTERNET AGE

Belarc's Product Descriptions

- o BelManage Base
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- o Software Assurance

"BelManage Base"

Belarc's architecture is based on a single enterprise-wide server and database. There is no requirement to maintain local servers or scanners. Belarc's agents are installed once and do not interact with the user or applications.

BelManage Base system includes the BelManage server software and the number of clients licensed by the Licensee. The server software is installed on the Licensee's Windows server. The BelManage clients are installed using Belarc's automated system or any software deployment system such as SMS, Tivoli, and others. The BelManage clients run as a service and are usually dormant. On a controlled schedule, typically once per day, the clients run a scan of the client computer (~ 10-15 secs.) and send the resulting profile (~ 30 KB) to the Licensee's BelManage server. The BelManage server automatically creates a SQL database and Web reports which are accessed by HQ and local administrators. The reports are automatically grouped by IP subnet, Domains, or other criteria.

BelManage Base features include the following:
- Configuration tracking with detailed software and hardware reports. Quickly determine costs to upgrade to Windows XP or Vista.
- Software License Compliance reports to easily see the number of licenses installed.
- Vulnerability assessments including Microsoft application and OS Updates, Anti-Virus status, and more.
- Performance Monitoring of important parameters such as hard drive S.M.A.R.T. status, network activity, CPU utilization, reboots and more.
- Certified to work with Cisco's NAC (Network Admission Control) system.

Enterprise Architecture (EA) and IT best practice processes such as those from the IT Infrastructure Library (ITIL) have demonstrated the benefits of an accurate, automated and up-todate central repository describing of all of the enterprise's IT assets and their configurations. This repository, called a Configuration Management Database (CMDB), is automatically created by BelManage.

Term
The BelManage Base package is a perpetual license.

Pricing
Pricing is per monitored machine.

Product Requirements
The BelManage Server can be installed on any Windows Server, e.g. Windows 2003. The BelManage Clients run on Windows 9x, Me, NT 4.0, 2000, XP, 2003, and Linux. BelManage offers both installable and agent-less solutions. Disk Space needed – 10 MB plus 100 KB per monitored computer. Server/Database: MS SQL Express, MS SQL Server 7 or 2000 (customer Belarc, Inc. - page 2 of 7 - November 3, 2006 supplied option, no additional cost for interface module) or Oracle 8i or 9i (customer supplied option, additional cost for interface module).

"Change History Module"

Change History shows all of the software and hardware adds and removes. The Change History module is available as an added-cost option.

The following reports are available:

Hardware Changes

This report shows the detailed hardware adds and removes on all of your computers on a daily basis over the past 30 days. For example:

Wednesday, May 17, 2006				
3am	ajones	Removed	Hard Drive	WDC WD102BA, Rev 16.13M16, Physical Drive: 1, Serial Number: WD-WM9470148079
3am	ajones	Removed	Memory Module	256 MB in slot DIMM_B
3am	sfong	Added	Device	Compaq 56K (V.90) PCI Modem

Software Changes

This report shows the detailed software adds and removes on all of your computers on a daily basis over the past 30 days. For example:

Wednesday, May 17, 2006				
3am	bhoward	Added	Software	KaZaA - KaZaA Media Desktop (KaZaA Media Desktop) Version 1, 6, 1, 0
3am	kmiller	Added	Hotfix	Id: WM320920, Description: Windows Media Player Rollup Available, Status: Pass
3am	rsmith	Removed	Software	Netscape - NETSCAPE (Netscape Navigator application file) Version 4.76
3am	rsmith	Added	Software	Mozilla, Netscape - Netscape (Netscape) Version 7.0.2

Changes by System

This report allows you to click on a system name and view all of the software and hardware adds and removes made to that computer since BelManage began monitoring it.

Term

The Change History Module is a perpetual license.

Pricing

Pricing is per monitored machine.

Product Requirements

BelManage Base.

"BelSecure"

BelSecure automatically does a vulnerability assessment of the Licensee's IT systems, checks security policies, configuration settings, and discovers other information about the host such as anti-virus status, application versions, security patches, user accounts and more. The policy settings are automatically compared with consensus benchmarks from the Center for Internet Security (CIS), which allow IT managers to automatically determine the security status of their IT assets in advance of an attack.

Many current threats are not stopped by perimeter security systems such as firewall and anti-virus systems. Setting and monitoring configurations based on consensus benchmarks is a critical step because this is a pro-active way to avoid many successful attacks. The U.S. National Security Agency has found that configuring computers with proper security settings blocks over 90% of the existing threats. (IA Newsletters "Security Benchmarks: A Gold Standard.")

BelSecure features include the following:
- Automated, daily vulnerability assessment, including all Microsoft OS and Office vulnerabilities, anti-virus status, user account status, and more.
- Web portal architecture. WAN based operation. Single Intranet server and database.
- Automatic comparison with CIS and other benchmarks.
- Helps automate security processes such as FISMA, HIPAA and FFIEC.
- Certified to work with Cisco's NAC (Network Admission Control) system.

Term
The BelSecure basic package is a perpetual license.

Pricing
Pricing is per monitored machine.

Product Requirements
The BelSecure Server can be installed on Windows 2000 or 2003 Server, with IIS. The BelSecure Clients run on Windows 9x, Me, NT 4.0, 2000, XP, 2003. BelSecure offers both installable and agent-less solutions. Disk Space needed – 10 MB plus 100 KB per monitored computer. Server/Database: MS SQL Express, MS SQL Server 7 or 2000 (customer supplied option, no additional cost for interface module) or Oracle 8i or 9i (customer supplied option, additional cost for interface module).

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"BelManage Auditor"

The BelManage Auditor is a product designed expressly for companies wishing to perform infrequent audits of their PCs. It offers features that make it particularly appropriate for service providers or systems integrators who want to offer a simple auditing service to their customers. Audits can be performed quickly and efficiently without having to visit every single desktop. The BelManage product Auditor offers a complete discovery of hardware, software and current hotfix information.

Deployment and Use
The BelManage Auditor Server provides a variety of reports on your PC assets. Information is collected by running the Auditor client on each of your PCs. This information is then uploaded to the Auditor Server, where it is compiled into a database. As well as the standard reports, users can modify the existing reports and create new ones.

The Auditor client is stored and run from an exchangeable disk, or from a networked drive. It can even be stored and run from a floppy disk. The client is very small, and the resulting profiles average less than 30 KB per computer. On one floppy disk, it is possible to store both the client and about 30 profiles. So, for a client with less than 30 PCs, it would be quite practical to visit them armed with a single floppy, audit all of their systems and then return to your office to upload the data to your BelManage server. Using Belarc's automated system, it is possible to simply mount the Auditor client on a networked disk and audit all of the PCs on the LAN without physically visiting each PC.

For service providers, the information collected from different customers can be stored in separate groups on the BelManage server. This means that a single BelManage Auditor system can be used to record data from many different customers systems and to product the appropriate reports for each of those customers.

Term
The BelManage Auditor basic package is a 12 month term license.

Pricing
Pricing is per audited machine.

Product Requirements
The BelManage Auditor Server can be installed on a Windows Server platform – 2000, XP or 2003 Server, with IIS. The BelManage Auditor Clients run on Windows 9x, Me, NT 4.0, 2000, XP, 2003, and Linux.

"PKI Authentication Module"

The PKI Authentication Module allows authentication of BelManage users with PKI (Public Key Infrastructure) certificates presented by their web browsers, or CAC authentication. PKI certificate authentication is handled by both BelManage and the IIS web server working together. The web server accepts, authenticates, and associates the certificate with a web session. BelManage associates the certificate attributes with an account and assigns the security rights of that account to the web session.

Deployment and Use
Once installed, the system can be configured to authenticate in any of these three ways:
1. Ignore PKI certificates, and continue to authenticate users by logon name and password as the base product does; or
2. Collect and store PKI certificates, while continuing to authenticate users by logon name and password; or
3. Authenticate users with the PKI certificate presented by their browser. This configuration prohibits logon by user name and password.

After running the installer, BelManage is configured to collect and store certificates (#2 above). Users can logon to BelManage with user name and password, and any certificate presented by their browser is associated with that account. The Users Administration page can then be used to view or edit the certificate associated with each user account.

Once the system has had adequate time to collect most or all of the users' certificates, the configuration is changed to authenticate users with the certificate (#3 above). Users are no longer permitted to authenticate with a user name and password, and the system automatically logs users on when a certificate is presented. Entry of certificates is now done through the Users Administration web page, and automatic collection of certificates is disabled.

The certificate for a user may be obtained through an enterprise directory or a certificate file with the public key.

Term
PKI Authentication Module includes a perpetual license.

Product Requirements
BelManage system.

"Software Assurance"

Belarc's Software Assurance includes both product support and software updates. Details are as follows:

- Three months of Software Assurance is included with initial license purchase of BelManage and BelSecure.
- Additional 12 months of Software Assurance can be purchased at 20% of the Gross license fee (15% for any coverage purchased at the time of the initial license purchase).
- Phone support during regular office hours (8:00 AM to 5:00 PM EST)
- Email support 7x24
- Support includes:
  o Explanations of proper installation and operation of the product
  o Product capabilities
  o Data captured and the supplied reports
  o General advice as to how to best make use of the product
  o Help in resolving operational problems of the product
  o Access to past and current training materials
  o Automated product information and support e-mailings
  o Access to Web seminars and training sessions.
- Support is provided by knowledgeable technical personnel
- Software Updates include:
  o All in-version and new version software releases for the product(s) licensed.
  o Updated Microsoft security vulnerability definitions.
- Software Assurance coverage shall be continuous; each Software Assurance coverage period shall start at the previous expiration date, and cover both the period from expiration to the present (if any) and the period from the present to the end of the new period. Software Assurance periods shall be 12 months or longer.

Contact us:

BELARC	**ErCon** DANIŞMANLIK
Two Clock Tower Place, S. 520 Maynard, MA 01754 USA T. +1-978-461-1100 F. +1-509-277-0391 Email: info@belarc.com Web: http://www.belarc.com	Büyükdere Caddesi Spring Giz Plaza Giriş Katı No.9 Maslak, 34398 İstanbul T. +90 212 328 3770 F. +90 212 328 3775 Email: info@ercon.com.tr Web: http://www.ercon.com.tr

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