SmartShield Mac OS X Edition User Manual

System Requirements

Operating System: Mac OS X 10.6 and Mac OS X 10.7 Architecture: Intel 64 bit

Other Requirements:

Active network connection for use as a SmartControl client. Active Internet connection to register and manage as a standalone system.

Features:

Hard disk protection. This feature provides reboot-restore capabilities to Mac OS X when SmartShield protection is enabled or turned on.

SmartControl Resource Management. SmartShield can be configured to be managed as a SmartControl client. Under this mode, SmartShield accepts remote messaging, remote shutdown and restart commands and remote protection commands.

Installation

Launch the installer by clicking on the SmartShield package icon to begin the installation process. Hit continue to allow the installer to determine if the SmartShield package can be installed on your computer. It will determine whether or not your system meets the minimum requirements as mentioned above.





After the introductory pane is displayed, click 'Continue' and read through the license agreement. You will be prompted to accept or decline the license agreement. The

installer will terminate should you choose to decline the license agreement. Accept the license agreement if you wish to carry on with the installation.

Pre-installation Configuration



After accepting the terms of the license agreement you would be required to provide basic configuration for the SmartShied system about to be installed.

Customer Registration:

There are two primary management/registration mode supported by SmartShield:

SmartControl Managed - This will configure SmartShield such that it will be managed by a Smart Control Resource Manager. SmartShield effectively becomes a client of the Smart Control Resource Manager.

To register and manage SmartShield through a Smart Control Resource Manager click next and provide the network information to the Smart Control server or host.

Note: For this mode to be fully operational your required to have an active connection to a Smart Control Resource Manager.

Standalone - In this mode, SmartShield will contact the Centurion Technology license server for activation.

To configure SmartShield for standalone licensing select Standalone Registration and hit continue.

Note: An active internet connection is required in order for the system to acquire its activation credentials.

Smart Control Configuration:

	SmartShield Pre-Install Configuration	
) Introduction) License	Smart Control Configuration Provide the server information for the Smart Control below:	
Configuration	Address Type: IP Address DNS Name	
Installation Type	Host Name: 192.168.1.72	
Installation	(Name or IP Address of the Smart Control computer)	
	Port: 25553	
	Go Back Continue	

Provide an IP address or a DNS name to the Smart Control server. The default port is 25553. If the communication port has been changed on the server please enter the correct port number.

Standalone Registration:

	SmartShield Pre-Install Configuration
Introduction	Standalone Registration Provide the license key below:
Configuration	To proceed with registering SmartShield with a standalone license key please provide your key below. You can also enter a demo key to register a demo version of SmartShield.
Installation Type	(Key format: #####-#####-#####-#####-#####)
Science of Control of	License Key:
	Go Back Continue

Enter, into the text field, the license key you purchased from Centurion Technologies to continue.

SmartShield Password:

The next configuration pane demands that you create a SmartShield password. The password must be at least six characters long. The password is used by SmartShield to authorize configuration changes and sensitive actions (such as turning off or turning on protection).

	SmartShield Pre-Install Configuration		
B Introduction B License	Smart Shield Password Create a password for SmartShield:		
Configuration Destination Select	A password is required to enable or disable Smart Shield's protection status. The password is case case sensistive and must be at least six characters long.		
Installation Type	WARNING: There is no recovery mechanism for forgotten passwords.		
Summer	Password:		
	Show Passwords		
2			
	Go Back Continue		

SmartShield does not provide any mechanism to recover lost or forgotten passwords so you must store the password in a secure location.

This is the last install-time configuration pane. Click 'Continue', review and click the 'Install' to commence the installation of the configured package.

The installer will prompt you to authenticate the installation. Please provide your login information to continue. If you are not authorize to install applications on your Mac please contact you system administrator. Only users with System Administrative privileges can install SmartShield on Mac OS X.



After successfully installing SmartShield you must restart your computer so that the newly installed SmartShield can be initialized.

Installed Components.

The installer places 3 groups of components on the computer.

- SmartShield disk driver
- SmartShield Services
- SmartShield application

Interacting With SmartShield

The SmartShield user menu



Locate the SmartShield user menu shield on the menu bar. The user menu will have a red shield which signifies an unprotected system. A green shield denotes that protection is turned on and active while an orange shield indicates that the SmartShield services are not fully initialized.

In addition to the contextual information described above, the user menu provides information about the systems protection state. Both the current protection state and the protection state on next boot is indicated. It also provides a quick way to launch the SmartShield application.



To launch the SmartShield application select 'Open SmartShield...' from the drop down menu.

The SmartShield application resides in the Application folder (/Applications). You can also locate it there to launch it.

SmartShied Application Graphic User Interface

The SmartShield application allows you to configure the system and to also observe the current configuration.

Protection Indicator Shield



A red shield indicates that the computer is currently unprotected.



A green shield indicates that the computer is currently protected.

Protection Mode



To change the protection mode of SmartShield toggle the Protection Mode Switch to the desired state.

Note: A system restart is required for the new protection mode to be in effect.

Smart Control

🗹 Enable Sm	aart Control
When enable below.	ed, SmartShield will be controlled and managed by the Smart Control Resource Manager configured
Sma	t Control Resource Manager Communication Settings
Sma	Control Resource manager communication Settings.
	Address: IP Address DNS Name
	Port: 25553
	Undo Apply
A Smar	t Control settings are required if the SmartShield's license and registration are to be managed via art Control Resource Manager.
	n transformer manager.

The Smart Control pane is used to pair up the SmartShield with a Smart Control Resource Manager. For a system that is registered via a Smart Control, the Smart Control settings are required to ensure protection of the system is not interrupted.

A standalone system can also be configured to be controlled by a Smart Control Resource Manager. Simply enable SmartControl and provide the required configuration.

To apply your new settings click on the 'Apply' button.

Storage

temporary storage is used when a drive r computer's best performance. Specify " to select the recommonded size.	e or volume is protected. a custom size below or s	The recommended capacity is optimized for elect from one of the preset values. Use "Auto
Update temporary storage on	Macintosh HD	:
Capacity	70.8949 C8	Auto Size Min Size Max Size]
Temporary Storage File Info:		
Recommended Size: 70.9961 GB		
Minimum Size: 1 GB Maximum Size: 227.188 GB		

In the storage pane, you are presented with two sub sections; Temporary Storage and Protected Volumes.

Temporary Storage:

The Temporary Storage tab enables you to configure and inspect the temporary storage. The temporary storage capacity can be thought of as the SmartShield cache size. The minimum size is 1GB. It is recommended that you use the system suggested sizes for optimum performance. The resize buttons provide an easy way to select the system recommend sizes.

The Protect Volumes:

	Temporary Storage Protected Volum	WL
elect the volumes to be protected	Volume Name	Protect
Macintosh HD		1
		Undo Apply
Protection Info:		
Is currently pro Will be centerted on Prectico F	tected: No nabled: Yes	
and be protected on Precision o	naurea. res	

This tab lists all the volumes found on your computer. The boot volume is selected for protection by default and cannot be deselected.

A volume selected for protection will be under protection when SmartShield protection is active.

Passwords

The SmartShield passwor sensitive configurations.	d is required in order to alter protection status and other security
One Time Password	
Enable One Time Pass	word Apply
When enabled, your passwor modifications.	d is needed once each time the application is run after which the session is athutenticated for
SmartShield Password	
Change SmartShield Par	ssword
WARNING: There is no re	covery mechanism for forgotten passwords.
Old Password:	
New Password:	
Verify:	
	Show Passwords Change Password

The passwords pane allows you to manage SmartShield password and session authorization.

Enable One Time Password : By default SmartShield will ask for authorization each time you elect to apply any changes to the system. Enabling one time password will cause SmartShield to remember your password after you entered it once per session.

To modify your existing SmartShield password, provide it in the area that asks for the 'Old Password' and then proceed with the new password.

Note: After three failed attempts you will be required to restart the computer in order apply changes to the SmartShield.

License and Registration



Select 'Registration and License' in the application's main menu to manage or view it's registration information.

Enabl	Registration and License Status Registration Type: Smart Control Managed	jured
	Select or Modify Registration Type	
s	Register With Smart Control Managed Licensing Register With Standalone License Key	
	Unregister from Smart Control Unregister Standalone License Key	
	Close	

The registration and license sheet provides you with a view of the systems registration information. On this sheet you can unregister or change your registration information if required.

Smart Control messaging

Configured as a Smart Control client SmartShield can receive remote messages from a Smart Control. The supported messages are:

Shutdown/Restart Dialogues



One Way Instant Messages

