



STUFFIT DELUXE











COMPRESS EVERYTHING – EVEN PHOTOS!

EXPAND

Open over twenty archives formats!

SEARCH

Find archived files anywhere!

MANAGE

Browse, edit, and organize archives!

PROTECT

Encrypt and backup your files!

STUFFIT 11 DELUXE

Please write your Stufflt Deluxe registration number here.

StuffIt Deluxe® 11 Startup Guide

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Introduction

Welcome to Stufflt Deluxe®. All of us at Smith Micro would like to thank you for buying this product. Stufflt Deluxe provides a suite of tools that help you compress, access, protect, send, backup, and organize all your important information. By combining multiple files and folders into a single compressed archive, Stufflt saves space on your hard drive, and helps you to fit more on CDs, DVDs, and other removable media. Stufflt compression helps you to send information quickly over the Internet and across the network, and its powerful encryption features ensure that your information is protected against unwanted access. Stufflt even allows you to compress JPEG photographs!

Stufflt Deluxe allows you to access all the files you download from the Internet, and expands the archives you receive from friends and co-workers, whether sent from Macs, PCs, LINUX, or Unix based computers. Stufflt helps you to safely make backups of all your important documents. More than just a compression program, Stufflt Deluxe is a complete information management tool.

What's New in this version

StuffIt Deluxe 11 includes a number of new and enhanced features:

Built for Intel Based Macs

All components included in Stufflt Deluxe 11 are now Universal Binaries; they are designed and built to provide the best possible performance on Apple's new Intel based Macintosh computers. As with all Universal Binary software, Stufflt Deluxe is also compatible with older PowerPC based Macs.

Faster Performance

Stufflt Deluxe version 11 has been performance tuned to provide better all around performance. In particular, Stufflt Deluxe 11 will provide improved performance on dual core and multiprocessor based systems.

StuffIt® Archive Manager™

Stufflt Archive Manager is a new addition to the Stufflt Deluxe suite, it provides a quick and easy way to find and open all your Stufflt, Zip, TAR, and RAR archives. By working in conjunction with Spotlight (the search technology built into Mac OS X 10.4 and later) Archive Manager is able to quickly display a list of all the archives located on your computer. Whether you're looking for archives that you've downloaded from the internet, received via email, on CDs and DVDs, or created yourself, Stufflt Archive Manager makes it easier than ever to find your archived data.

Collections

Stufflt Archive Manager allows you to group related files together into special collections. Once created, these collections can be recalled with a single click. An Archive Manager collection can be as simple as all the Stufflt archives located on your computer (a collection that's included by default) or as complex as all the photographs you have taken within the last week. As you create or obtain new files that match the criteria specified, those items are automatically added to your collection.

Thumbnail Previews

Stufflt Archive Manager allows you to preview pictures stored within a Stufflt archive without requiring you to decompress, or even open, that archive. Simply select the archive whose contents you want to view, and click the "Preview" button on the Archive Manager tool bar. Archive Manager will start to work its way through your archive to find items that can be previewed; as items are found you will see a preview displayed in the slide out preview tray.

Improved Archive Browsing

Stufflt Deluxe 11 introduces a number of improvements to the experience of browsing the contents of an archive. A new column based view allows you to navigate the contents of an archive using a Mac OS X Finder style column interface, and support for browsing RAR archives has also been added. Stufflt Archive Manager provides the ability to view the contents of Stufflt, Zip, TAR, and RAR archives, and also allows the contents of Stufflt and Zip archives to be changed.

Index Archives

StuffIt Deluxe includes technology that extends the capabilities of Spotlight to allow it to search for files that have been stored in an archive. StuffIt Deluxe 11 makes this feature even more useful by adding the ability to search archives even when they have been moved to CDs, DVDs, or other "offline" locations. Created at the same time as a regular StuffIt archive, an index archive contains a complete list of all the files stored in its "parent" StuffIt file. At a mere fraction of the size of a regular StuffIt X archive, index archives can be stored on your computer while the full version of the archive is moved to a CD or DVD to save you space.

Installation

Stufflt Deluxe 11 uses a "Drag and Drop" installation method. To install Stufflt, simply drag and drop the "Stufflt 11" folder from the CD (or the mounted disk image if you purchased Stufflt Deluxe as a download) to your Mac OS X "Applications" folder. The first time you run any of the components of Stufflt Deluxe a setup assistant will run to collect your registration information and install shared items to their correct location.

To complete the StuffIt Setup Assistant follow these steps:

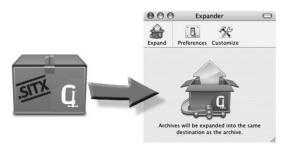
- The setup assistant first displays a dialog that describes its purpose. Click "Continue" to start the setup process.
- Enter your name and registration number in the fields provided. You will find your registration number either in the Stufflt Deluxe packaging, or in the confirmation email you received when purchasing Stufflt Deluxe online. Enter a company name only if it is applicable.
- 3. In order to install the necessary components Stufflt Deluxe must ask for your administrator password. Typically this is the password you use to log onto your computer. Enter your user name and password, and then **click "OK"**.
- 4. Stufflt Deluxe will now install the necessary components onto your hard drive. A list of the files installed is displayed in the setup assistant window. Stufflt Deluxe will also remove files associated with older versions of Stufflt as part of its setup process.
- 5. When all the necessary files have been installed a registration dialog is displayed. Please take the time to register your purchase with Smith Micro. Registration entitles you to receive technical support, and also enables us to send you notification when updates are available for your software.
- 6. Click "Finish" to close the setup assistant window.
- 7. In order to use all the features of Stufflt Deluxe you must logout and then log back in to complete installation.

You must agree to the End User License Agreement to use this software. If you purchased Stufflt Deluxe electronically and obtained the software via download you will be prompted to agree to the End User License Agreement when you first open the disk image file (.dmg). If you purchased Stufflt Deluxe on a CD you will be prompted to agree to the End User License Agreement when you first run one of the Stufflt Deluxe applications.

Tip: You can use the Stufflt Setup Assistant application to repair an existing Stufflt Deluxe installation. You can find Stufflt Setup Assistant in the "Stufflt 11" folder in your Mac OS X Applications folder.

Using StuffIt Expander

Stufflt Expander® is used to expand the archived, compressed, or encoded files you receive over the network, from the Internet, or on a disk. When you download files from the Internet, you'll find that they are typically packaged in an archive. Anytime you see a file with ".sitx" or ".zip" at the end of the file name, you're dealing with an archive that contains other files. Stufflt Expander is the application you use to open these archives to get access to the files they contain. You can use Stufflt Expander to open just about any compressed or encoded file you encounter. Expander can open Stufflt, Stufflt X, Zip, and Tar archives, and BinHex, MacBinary, Mime, and UU encoded files, and many, many more. A full list of all the file types Stufflt Expander can open is available in the Stufflt Expander chapter.



The easiest way to use Stufflt Expander is to "Drag and Drop" the file you want to open on top of the Stufflt Expander icon that was created in the Dock when you installed the product. When you drag and drop the file on top of Expander's icon, the application will launch, and expand the item inside the archive. By default, the item in the archive will be expanded to the folder in which the original archive is located. For example, if you download an archive from the Internet to your desktop, and then drag and drop that archive on top of Stufflt Expander, the item inside the archive will also be placed on the desktop. If the archive you are expanding contains multiple items, they will be placed in a new folder that will be created in the same location as the archive you are expanding.

StuffIt Expander supports the following file types:

File Format	File Extension	File Format	File Extension
Stufflt	.sit, .sitx	Mime/Base64	.mme, .b64
Zip	.zip	Compact Pro	.cpt
Tape	.tar, .tgz, .tbz2, .tZ	LHA	.lha, .lhz
RAR	.rar	Arj	.arj
BinHex	.hqx	Arc	.arc
MacBinary	.bin	Bzip2	.bz, .bz2
yEncode	.yenc	Gzip	.gz
UUencode	.uu, .uue	Unix Compress	.Z
Apple Single	.as	Cabinet	.cab

Using DropStuff

DropStuff™ is the counter part to Stufflt Expander. Just as you use Stufflt Expander to open archives, compressed and encoded files, so you use DropStuff to create archives from your files and folders. You can use DropStuff to create archives in Stufflt (.sitx), Zip (.zip), and Tar (.tar) formats.

Typically, you'll want to use DropStuff to compress your files whenever you're posting them on the Internet, or whenever you're making backup copies of your files. When you're sending files over the Internet, compressing files to make them smaller means that it will take you less time to upload the file, and it will also take the person receiving the file less time to download and open it.

The easiest way to use DropStuff is to drag and drop the files you want to compress on to the DropStuff icon that was created in the Dock during installation. The files and folders you dragged onto the icon will be compressed into a new Stufflt archive. The archive will be created in the same location as the files and folders you dropped onto DropStuff. For example, if you drag a folder called "Pictures" from your documents folder onto DropStuff, you will find a new file called "Pictures.sitx" in your documents folder. The original files and from which you created the archive will not be moved or deleted. Instead, the files are copied into the archive leaving the originals intact. Unlike older versions of DropStuff, if you compress your Pictures folder into a Stufflt X archive, even your JPEG images will be compressed.

Tip: The Stufflt X file format can compress JPEG images by up to 30% without any further loss in image quality!



Encryption

When you are sending sensitive files to other people, you can use encryption to protect them with a password. This means that if someone other than your intended recipient receives the archive that the files are stored in, they will not be able to open it and gain access to your documents. To tell DropStuff to protect your archives with encryption, simply launch the application and check the "Encrypt Archives" check box in the DropStuff Window. Do note, however, that encryption is only available when you are creating Stufflt and Zip archives.

When you create an encrypted archive, be sure to make a careful note of the password that you used. Allume Systems is not able to recover the contents of an encrypted archive if the password has been lost. There is no "Back Door".

Using Magic Menu

MagicMenu™ provides you with a way to access the power of Stufflt Deluxe without having to launch any of the Stufflt applications. It creates a special icon in the Finder's menu bar. To use MagicMenu to perform a task, select the items you want to process and click the menu bar icon to create a list of Stufflt related tasks that can be performed. The list of commands that are displayed in the MagicMenu are also available from Stufflt's contextual menu. To access the contextual menu, hold down the Control (Ctrl) key while clicking a file in the Finder. After you install Stufflt Deluxe, you should see a new "Stufflt" Menu appear in the Finder's contextual menu.

MagicMenu allows you to access one of the most useful features of Stufflt Deluxe, Stuff & Mail. Stuff & Mail allows you to compress a file or folder into a Stufflt archive, and then automatically attach that folder to a new email message. To use Stuff & Mail, select the file or folder you want to send, and then choose "Mail" from the MagicMenu. From the resulting submenu, you can then choose the archive format you want to use. You can use Stuff & Mail from the Stufflt contextual menu by Control (Ctrl) clicking the file, and choosing "Mail" from the Stufflt menu.

By default, Stuff & Mail will use the email client that is currently set as the default on your system. For a new Macintosh, this will be the "Mail" application that comes with Mac OS X. You can, however, change the mail client that Stuff & Mail uses with the Menu Preferences application. Stuff & Mail supports Apple Mail, Entourage, Eudora, Outlook, Outlook Express, Power-Mail, and OuickMail Pro.

After choosing Stuff & Mail, all you need to do is type the recipient's Email address in the new message window, and click send. With the ability of the Stufflt X file format to compress JPEG files up to 30%, Stufflt & Mail provides a great way to quickly and easily share your photos!

Using StuffIt Archive Manager

Stufflt® Archive Manager™ is a multi-functional application that allows you to group related archives together into collections, and which also allows you to browse and change the contents of those applications. If you are familiar with previous versions of Stufflt Deluxe, Stufflt Archive Manager is a replacement for the Stufflt Deluxe application.

Browsing and Changing the Contents of an Archive

Archive Manager is a tool that allows you to browse and extract, and even change, the contents of an archive. Archive Manager works with Stufflt (.sitx and .sit), and Zip (.zip) archives. When Stufflt Archive Manager is available, you can open your archives for browsing simply by double clicking them.

Tip: You can tell Stufflt whether to open archives in Archive Manager or Stufflt Expander by using the Stufflt Expander "File Mapping" preference.

The Stufflt Deluxe application also allows you to browse the contents of RAR and Tape Archives (.tar), including Tape Archives that have been compressed using Unix Compress, Bzip, or Gzip compression. While you can browse the contents of such files and extract individual items without expanding the whole archive, the contents cannot be changed.

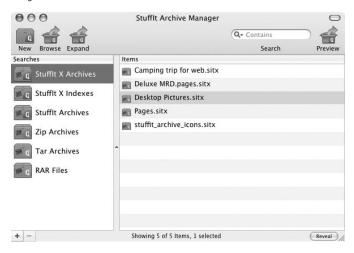
When an archive is open in Stufflt Archive Manager, its contents are presented to you in much the same way as the Finder presents information about the contents of a folder. You can choose to view the contents of an archive using either a "List" type view, or using a "Column" based view.

You can add and remove files from an archive in exactly the same way as you would add and remove files from a folder in the Finder. Drag files into the archive window to add them to your archive, and drag files from the archive window to the Finder to extract them. You can also delete, rename, move, and copy files in an archive exactly as you can in the Finder.

Working with Archive Manager Collections

Stufflt Archive Manager provides you with more than just a way to browse and modify the contents of your archives. Archive Manager allows you to organize your archives into smart collections that are dynamically updated as you create and download additional files.

By default, Archive Manager comes with a number of pre-defined collections; with a single click you can quickly view all archives of a particular format. Click on the "Stufflt" button, for example, and you are quickly presented with a list of all the Stufflt archives available both on your computer and on any mounted network drive. Powered by Apple's Spotlight search technology, Archive Manager's collection are continually updated as the contents of your hard drive change.



Stufflt Archive Manager also allows you to search for items with-in your collection using the "Search" field included at the top of the window. Simply type all or part of the name of the file you're looking for, and Archive Manager will update its list to include only those archives that match the search terms you specify.

In addition to the pre-defined collections that ship with Archive Manager, you can also create your own custom collections. These custom collections work in much the same way as "Smart Playlists" in iTunes. To create a custom collection you start by defining a set of search criteria (such as the archive type, size, or modification list) and then when Archive Manager displays your collection it searches its database of all accessible archives and displays only those items that match the search criteria you specify.

Here's how to create a custom archive collection that contains Stufflt X archives modified with in the last week:

- 1. Launch the Archive Manager application.
- 2. Click the "+" button in the lower left corner of the application to create a new custom collection.
- In the drop down sheet that results, define the search criteria you want to use to create your collection.
- 4. In the "Description" field enter text that will help to remind you of what this collection is designed to do. For this example, type "New Stufflt X Archives".
- 5. The "Search Location" section allows you to specify where Stufflt Archive Manager will look for matching archives. Choose "Computer" to search on all hard drives accessible to your computer. This will include your hard drive, any external hard drives you have attached, as well as any mounted network drives.
- 6. In the "Search For" section, specify the type of item you are looking for. In this example, click the "Name" pop-up menu and choose "Kind". In the pop-up menu that appears to the right of the "Name" field, choose "Archives", and in the next pop-up menu choose "Stufflt X".
- 7. To add a additional search parameter click the "+" button.
- 8. Click the "Name" pop-up menu and choose "Last Modified" to create criteria that will display archives that have been recently modified. Type "7" in the text entry field to display only items that have been modified within the last seven days.
- 9. Click "OK" to close the dialog. You should notice that the Archive Manager dialog now has a new listing for the collection you just created. Once you exit the dialog, Archive Manager will immediately start building the list of archives that match your search terms.

Tip: Stufflt Archive Manager utilizes Apple's Spotlight Search technology. Accordingly, any items that exist in locations you have excluded from Spotlight searches will not be displayed.

Create archives from collections

So far this discussion has covered how you would go about using Archive Manager to create collections of archives. Stufflt collections, however, can contain files of any type including applications, music, and pictures. Using Stufflt Archive Manager you can create a collection that includes all the files you need to work on a particular project - for example if you were the technical writer for Stufflt Deluxe 11 you could create a collection that contains only files located in the "Documents" folder that contain "Stufflt" in the name.

Using Archive Assistant

Archive Assistant™ is designed to provide a simple, easy to use, personal backup solution. You can use Archive Assistant to schedule automatic file backups, and you can save the backup archives you create to CDs, DVDs, external drives, FTP servers, and even your .Mac iDisk.

Getting Started

When you click the "New Task" button on the Archive Assistant tool bar, the "New Task" assistant is opened. This wizard style interface will walk you step by step through the process of selecting what to backup, where to create the backup archive, and when the backup task should be run. The first dialog, however, simply asks you to pick a name for the backup task you are about to create.

Once you've picked a name, click the "Continue" button to move to the next step. You can also use the "Cancel" button to exit the assistant, or the "Help" button for additional information.

What to Archive

Archive Assistant is designed to be easy to use. When picking files to backup, the default option will simply backup all the files in your "Documents" folder.

In Mac OS X any data that you have created while using your computer will be stored somewhere in your Home directory. The default interface that is presented in this dialog is designed to make it easy for you to add the various folders in your Home folder to the backup set. You can choose to add the entire Home folder to your backup set by checking the top item in the list. This will backup all the files in your Home folder; this includes not only your documents, but also any files on your desktop. This option will also backup your personal preferences and settings for the various applications you use.

Archive Assistant allows you to add any folder on any accessible network or local drive to the list of items that will be backed up. You can add items to the backup list simply by dragging and dropping them from the Finder to the Archive Assistant window. You can use the "+" button to browse for items to add to the list, or use the "-" button to remove optional items from the list.

Criteria

By default, Archive Assistant will add all the files and folders in the folders you have selected to a new Stufflt X archive. For most users, this is the most desirable option. In some cases, however, you may only want to archive certain specific files from the selected folder. The "Custom Criteria" dialog provides a way to tell Archive Assistant exactly what files should be included or excluded from the backup archive.

The criteria dialog works in the same way as the Finder's "Find..." function. By adding search criteria in this dialog, you can tell Archive Assistant to search the folder you have selected to find matching items to backup. The most common use for this dialog is to tell Archive Assistant to find files that have changed in the last week, and then add only those files to your weekly backup archive.

Where to archive

The pop-up menu at the top of the destination page lists the various options that you can select as a destination to which your backup archive will be saved. You can choose to backup to your hard drive (although this isn't recommended), you can choose to backup to recordable CDs and DVDs, you can choose to backup to an FTP server, upload to your .Mac iDisk, and you can choose to backup to an external hard drive (such as an external Firewire or USB device).

Schedule

You can choose to have Archive Assistant automatically run your backup task at a specific time, and you can choose the days of the week on which the task will be executed. Remember, that if you choose to have the backup task run at a time when you will not be present at your computer

(such as late at night, or over the weekend), you will need to make sure that the destination you specified will be available at that time and that it has enough free space in which to save your archive. Using an external hard drive or a remote server as a backup destination is the best way to do this.

Even if you are able to choose a backup destination that will enable you to schedule a backup in the middle of the night, make sure that you remember to leave your computer running! Archive Assistant cannot run a scheduled backup task if your computer has been turned off. If a scheduled backup task cannot be run because your Mac was turned off, Archive Assistant will notify you the next time you start your computer.

Restoring Files

The archives you create with Archive Assistant are standard Stufflt X archives (.sitx). To retrieve files from a Stufflt X archive, you can use Stufflt Expander, Stufflt Deluxe, or any of the tools described in this chapter. Stufflt Expander, however, supports a special mode specifically designed to take files backed up by Archive Assistant and place them back in the location on your hard drive from which they originated.

To access this feature of StuffIt Expander, use these steps:

- 1. Launch Stufflt Expander.
- 2. Choose "Preferences..." from the Stufflt Expander menu.
- 3. Click the "Destination" button in the "Preferences" dialog.
- 4. Click the "Expand Archives..." pop-up menu and choose the "By merging into the location specified by the Archive" option.

When you expand an archive with this setting enabled, Stufflt Expander will use the information specified in the "Source" tab of the Stufflt Deluxe "Get Info" dialog (see above) to pick the location to which files will be expanded. The contents of the folders in your archive will be merged into the matching folders on your hard drive. If Stufflt Expander needs to replace a file on your hard drive with one being expanded from the archive, you will be prompted to confirm which copy of the file you want to keep.

You can also browse your backup archives using the Stuffit Deluxe application. This allows you to selectively expand just one or two files from a backup archive without having to restore the complete backup.

Using SEA Maker

Stufflt SEA Maker™ is designed to provide you with a document distribution system for use on Mac OS X 10.3 and 10.4. The archives you create can be expanded without Stufflt Expander. They can also display splash screen graphics and text-based Read Me files while expanding.

Adding Files

The easiest way to add files to an SEA is to drag the items you want to archive from the Finder and drop them into the SEA Maker window. After you have dropped the files, you will see a new "Install Files" phase listed in the SEA Maker window.

When a user runs the SEA, they will be prompted (by default) to specify the location to which they want the files extracted. However, you can specify a specific expand location while you are making the archive. Click the arrow in the "Destination" column to create a pop-up menu. You can either choose one of the default options on the list (such as Documents), or you can use the "Other..." option to specify a custom location. If the folder you specify is not present on your recipients computer, they will be prompted to choose a new destination.

Displaying a Splash Screen

To add a splash screen to your SEA, follow these steps:

- 1. Click the "+" button in the SEA Maker window to create a new phase.
- 2. Choose "Display Image" from the menu that appears.
- Use the navigation dialog that is created to browse for the image you want to display. SEA Maker supports a wide range of image formats. The rule of thumb is that if the image format is supported by OuickTime, it can be used with SEA Maker.

Displaying a Text Dialog

To add a text dialog to your SEA, follow these steps:

- 1. Click the "+" button in the SEA Maker window to create a new phase.
- 2. Choose "Display Text" from the menu that appears.
- 3. Use the navigation dialog that is created to browse for the text file you want to use.

Tip: The file must be formatted as a plain text document. Files in RTF format are not currently supported.

Building your SEA

You can create an Self-Extracting Archive from SEA Maker by using the "Build" button in the tool bar. The "Archives" created by the Stufflt SEA Maker application are not, however, really archives at all in the strict sense of the word. Rather, the archives created by SEA Maker are Mac OS X application "packages". The SEA packages created with SEA Maker contain a Stufflt X archive, the application code necessary to expand that archive, along with instructions created from your profile about exactly how the archive should be expanded. The SEA package also contains any text files and graphics you have chosen to include.

If you plan to post your SEA on the Internet, we recommend that you save it onto a Disk Image. You can do this automatically by choosing the "Build Disk Image" button in the SEA Maker tool bar. When you choose this option, your SEA will be saved onto a DMG file that can be mounted as a disk in the Finder.

Mac OS X Integration

Stufflt Deluxe includes two features that are designed specifically for Mac OS X 10.4 "Tiger".

Spotlight

Spotlight is a new search technology included for the first time in Mac OS X 10.4. Spotlight builds, and constantly updates, an index of all the files located on your hard drive. When Stufflt Deluxe is installed, Spotlight is able to extend its index capabilities to include the names of files located in Stufflt, Zip, and Tar archives. When you use Spotlight to run a search, if a matching file is located in an archive, that archive is returned as part of Spotlights search results.

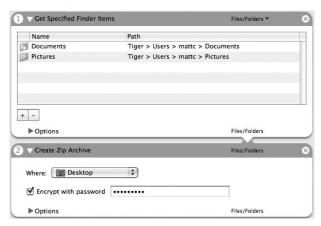
Automator

Automator is a new feature of Mac OS X 10.4 that allows you to create scripts using a visual point and click interface. Stufflt Deluxe includes plug-ins that allow you to create and expand Stufflt, Zip, and Tar archives from within your Automator work-flows.

When you launch the Automator application, you will see a new "Stufflt" item listed in the Automator Library. To use Stufflt successfully as part of an Automator workflow, it is recommended that you follow the following rough outline:

- 1. Use the "Finder" or "Spotlight" Library items to create a collection of files to be compressed. You can either use the "Finder" item to select a folder, or the "Spotlight" item to create a search command that returns a list of items to be archived. Once you have a step that results in files or folders, you can then move to step two.
- The Stufflt Library item offers the choice to create an archive in either Stufflt, Zip, or Tar format. Once you have chosen the format you wish to use, you can then set additional options, such as choosing a destination for your files, or encrypting the archive. You can also specify that the user be prompted to set these options when the task is run.

When your Automator work-flow is run, the list of items created by step one in the process is handed to the Stufflt step, which then adds those items to an archive.



You can also use Stufflt as part of a workflow to expand archived, compressed, or encoded files. As before, you will need to have create a step that results in a compressed file in order to use Expander as part of a work folder. This first step, for example, might be a Safari step that downloads a file from the Internet.

Technical Support:

You may contact us for technical support (available to all registered users). You can receive information immediately by visiting our Technical Support web site:

http://support.allume.com/

The online site provides a constantly updated Knowledge Base consisting of FAQ's (Frequently Asked Questions). Chances are good that someone has reported the same issue, and we've posted information about it.

If you haven't found the answer, after reviewing the pertinent FAQ's, you can submit a form to our Support staff, which they will respond to by email. Support requests are answered in the order they are received and response time varies depending on the number of pending requests. Therefore, we recommend checking the FAQ's.

When submitting a Support request, you will need to know the following information:

- · The exact version of StuffIt Deluxe you are using.
- The exact version of the Operating System you are using.
- If you have a Serial Number, you will have the opportunity to enter it when submitting a Support Request.

How To Contact Smith Micro:

Web: http://www.allume.com/support/

Fax: 831-761-6206 Phone: 831-761-6200

Mail: Smith Micro Software, Inc.

Allume Systems Division 185 Westridge Drive Watsonville, CA 95076

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