

## **AdvancedDAS 1.9 USBKEY Update Instructions**

### ***Update Process Summary***

The process of updating the software and authorizations for a USBKEY and AdvancedDAS 1.9 installation involves the following three basic steps:

1. Download the USBKEY Update program from Malaquite Corporation.
2. Use the USBKEY Update program to update an AdvancedDAS 1.9 USBKEY.
3. Use the newly updated USBKEY to upgrade an existing AdvancedDAS 1.9 installation or create a new AdvancedDAS 1.9 installation.

This program will only update a valid and current AdvancedDAS 1.9 USBKEY. This program will not update or upgrade versions of AdvancedDAS prior to version 1.9.0.0.

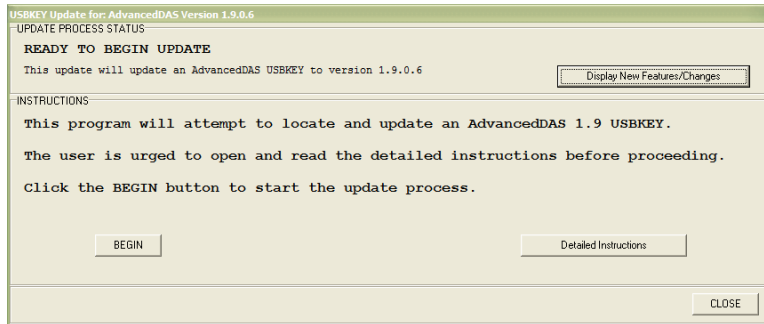
### ***Basic Steps***

After downloading the USBKEY Update program, the USBKEY update process involves running this program to locate, verify, and update the AdvancedDAS 1.9 USBKEY. After the USBKEY has been updated, the updated USBKEY can be used to update any existing installations of AdvancedDAS 1.9 on a target PC. This program will lead the user through the steps listed below to accomplish the update.

- 1) Software License Acceptance
- 2) Technical Requirements Review
- 3) Basic Instructions Review
- 4) USBKEY Location
- 5) USBKEY Validation
- 6) Software Version Resolution
- 7) Update Confirmation
- 8) Authorization Code Input
- 9) Folder,File, and Authorization Update

The host PC must be configured to allow the current user to connect to, read from, write to, and execute from a USB Flash Drive before the update process can begin. Failure to provide the necessary security access to the USBKEY can result in corruption of the USBKEY contents during the actual file update process. If this occurs, the USBKEY will have to be returned to Malaquite Corporation for repair. Also, the user must connect the USBKEY that is to be updated to the host PC before starting this program. This program will only update the USBKEY and will not update any installations of AdvancedDAS 1.9 on the host PC or any other PC. This program will only update one USBKEY at a time. Therefore, only one USBKEY should be connected to the host PC at a time. Connecting more than one USBKEY to the host PC will cause this program to abort. Do not attempt to manually manipulate the contents of the USBKEY.

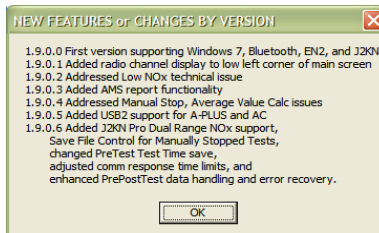
After downloading the AdvancedDAS19\_Update\_xx.exe program, run the program by doubling clicking the downloaded file. A dialog similar to that shown below will appear.



***USBKEY Update Main Dialog***

The user should take note of the AdvancedDAS 1.9 version number displayed as this number indicates what version of software this update package will attempt to install. Normally, this version number will need to be greater than the version that is currently installed and authorized on your USBKEY.

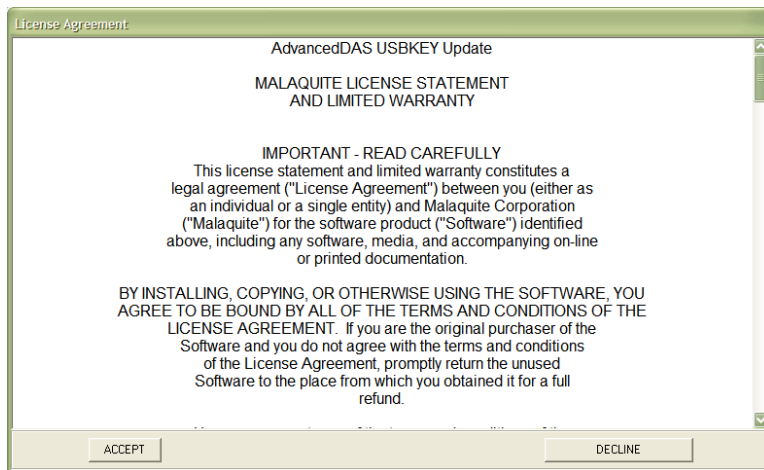
A summary of the features and or changes that are associated with each version of the product may be viewed by clicking the *Display New Features/Changes* button. A dialog similar to that shown below will appear.



***New Features/Changes Dialog***

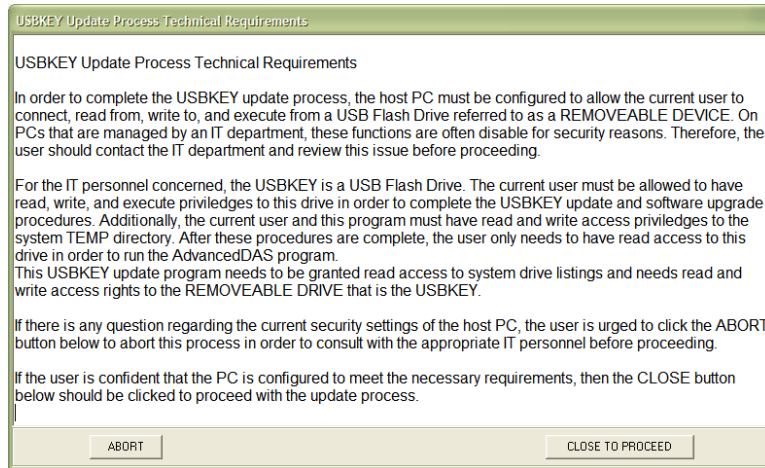
Clicking the *Detailed Instructions* button will display this document.

Begin the USBKEY update process by clicking the *BEGIN* button. The software license agreement dialog shown below will appear.



***License Agreement Dialog***

Read the agreement completely, and click the **ACCEPT** button to accept the terms of the agreement and proceed. The technical requirements dialog shown below will appear.



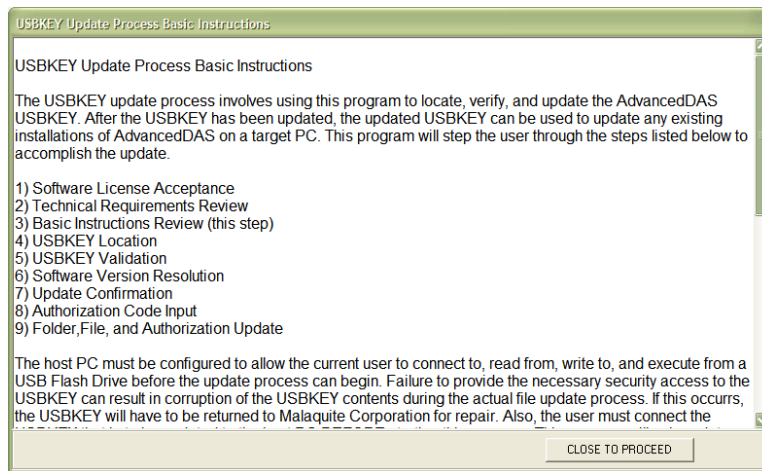
### ***Technical Requirements Dialog***

This dialog reviews the technical requirements necessary for the USBKEY update and AdvancedDAS 1.9 program upgrade process. In order to complete the USBKEY update process, the host PC must be configured to allow the current user to connect to, read from, write to, and execute from a USB Flash Drive referred to as a REMOVEABLE DEVICE. On PCs that are managed by an IT department, these functions are often disabled for security reasons. Therefore, the user should contact the IT department and review this issue before proceeding.

For the IT personnel concerned, the USBKEY is a USB Flash Drive. The current user must be allowed to have read, write, and execute privileges to this drive in order to complete the USBKEY update and software upgrade procedures. Additionally, the current user and this program must have read and write access privileges to the system TEMP directory. After these procedures are complete, the user only needs to have read and write access to this drive in order to run the AdvancedDAS 1.9 program. This USBKEY update program needs to be granted read access to system drive listings and needs read and write access rights to the REMOVEABLE DRIVE that is the USBKEY. The AdvancedDAS19\_Update\_xx.exe application is designed to run under Windows XP or Windows 7.

If there is any question regarding the current security settings of the host PC, the user is urged to click the **ABORT** button on the technical requirements dialog to abort this process in order to consult with the appropriate IT personnel before proceeding. If the user is confident that the PC is configured to meet the necessary requirements, then the **CLOSE TO PROCEED** button on the technical requirements dialog should be clicked to proceed with the update process.

After passing the technical requirements dialog, a summarized set of basic instructions will be presented in a dialog similar to that shown below.



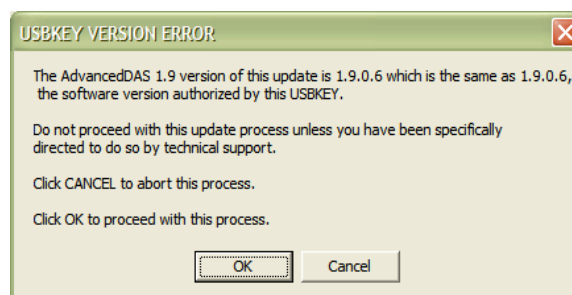
***Basic Instructions Dialog***

After reviewing these instructions, click the *CLOSE TO PROCEED* button.

In the next step of the update process, this program will scan the host PC for a USBKEY. It is important to have connected the desired USBKEY to the host PC and to have allowed enough time for the host PC to find and load this device before reaching this step. This program expects to find one USBKEY connected to the host PC. If no USBKEYs are found, or if two or more USBKEYs are found, an error will be issued stating that fact after which this program will close.

After finding one USBKEY, this program will then verify that the device is a valid and current AdvancedDAS 1.9 USBKEY. Any errors found will be displayed in an error dialog, after which the program will close.

After validating the USBKEY, the program will then compare the version number of the program authorized by the USBKEY with the version number of the software update contained in the update package. The program expects to find that the version of AdvancedDAS 1.9 authorized by the USBKEY is older than the version in the update package. In that is the case, the program will proceed to the next step. However, if the version number found in the USBKEY is the same as or greater than the version number of the software contained in the update package, an error dialog similar to that shown below will be presented to the user.



***USBKEY VERSION ERROR Dialog***

This dialog represents the user's opportunity to confirm that the unusual condition found is what is desired or not. In most cases, the user should click the *CANCEL* button to close the update program.

After completing the version resolution step, the program will provide the user with one last opportunity to confirm that the USBKEY is to be updated. After receiving this confirmation, the program will prepare a USBKEY Status Code and ask the user to enter a corresponding Authorization Code in a dialog similar to that shown below.

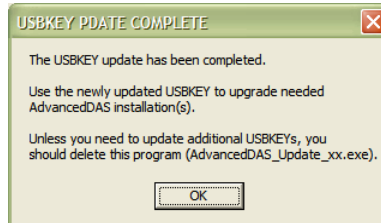
***USBKEY STATUS CODE Dialog***

This Authorization Code must be obtained from Malaquite Corporation by email. See the Malaquite Corporation web-site (mlqcorp.com) for current contact information. The 28 character Status Code shown at the top of the USBKEY Status Code dialog must be sent to Malaquite Corporation via email. The user may either include the Status Code in the body of an email by clicking the *Copy To Clipboard* button followed by pasting the code into the body of an email, or may attach a text file containing the Status Code to an email. The needed text file can be automatically created by clicking the *Copy To File* button and selecting a convenient location on the host PC for temporarily storing this file. After receiving an Authorization Code, enter the 16 character code in the four boxes located at the bottom of the USBKEY Status Code dialog and click the *Process New Key Code* button. If the Authorization Code cannot be immediately obtained from Malaquite Corporation, the user may abort the current update process without consequence by clicking the *Close* button. Later, after an Authorization Code has been obtained, the user can restart the update program and return to this step in order to enter the Authorization Code. After entering the new code and clicking the process button, the program will verify the code and display the following message at the bottom of this dialog.

Update Authorization Code Validated. Click *Close* to process this new code.

If any errors are detected in the Authorization Code, they will be listed at the bottom of this dialog. Assuming, no errors are detected, the user may continue with the update process by clicking the *Close* button. If any errors are detected, clicking the *Close* button will cause the update program to close. Note that each Status Code is unique to its USBKEY, and each Authorization Code is unique to its assigned USBKEY and that an Authorization Code can only be used once. Mixing USBKEYs, Status Codes, and Authorization Codes, or re-using an Authorization Code will result in errors that will prevent the update process from proceeding.

After verifying the new code the update program will attempt to copy updated folders, files, and authorization to the USBKEY. It is very important that this step not be interrupted! Once this step is completed without error, the USBKEY update is complete. A dialog similar to that shown below will be presented to confirm this to the user. Any failure during this step can result in the USBKEY being rendered inoperable. If any error occurs during this step, contact Malaquite Corporation before taking any further action. Regardless of the result of the update process, the user should be sure to use the Safely Remove Hardware function located in the main screen tray to safely remove the USBKEY from the host PC.



***USBKEY UPDATE COMPLETE Dialog***

Assuming that the USBKEY update is completed without error, the user may then go about updating any installation(s) of AdvancedDAS 1.9 on the host PC or other PCs. This is done by opening the MyComputer dialog on the target PC, locating and opening the newly updated USBKEY drive, and using the setup program located on the USBKEY to install the new AdvancedDAS 1.9 version from the USBKEY to the target installation as an upgrade. Note that in most cases it is not necessary to reinstall or upgrade the USB Drivers onto the host PC and this step should be skipped. Follow the instructions in the AdvancedDAS 1.9 manual regarding performing an upgrade installation.