



## **Installation Guide**



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# Single User AeroLog Pro

## Program Installation

- If you have an AeroLog Pro CD, insert it into the CD ROM drive. The CD will auto-start and display the CD window. If the CD does not auto-start, select *Start>Run...* to open the Run dialog. Click **Browse** and locate CDROM.EXE on the CD drive. With this file selected in the Run dialog box, click **OK**. Click **Install Single User AeroLog Pro**.
- If you are installing from the Internet, download the install file (AP\_SETUP.EXE) and place it in a temporary folder on your hard drive. To begin the install, run the file.
- Step through the install screens. If you are unsure about the install options presented on a screen, accept the preset options and click **Next >** to proceed to the next screen. When you get to the last screen, click **Finish** to complete the installation.

## Initializing AeroLog Pro

*Note -- If any error messages appear during the initial startup phase, make a note of the text of the error message and the error number (if any) and contact Polaris Microsystems (856-848-1043).*

- Double click the **Single User AeroLog Pro** icon on the desktop.
- If the registration dialog appears, enter your System ID\*, Serial Number and Registration Code. *These numbers and associated instructions are enclosed in the CD ROM envelope.* If you are evaluating AeroLog Pro, click **OK** to proceed past the registration dialog.

*(\*) Note: The System ID field is locked. The instructions enclosed in the CD ROM envelope tell how to unlock this field so it can be altered.*

## Accessing the Sample Data Files

*Note --This step is optional. Sample data is provided so that you can more conveniently evaluate AeroLog Pro prior to purchasing it.*

- Double click the **Single User AeroLog Pro** icon on the desktop to start the program.
- Select [File|Set Data Path] from the main menu.
- Make a note of the current Data Path setting so you can restore it when you are finished using the sample data.
- Click the ellipsis (...) button to the right of the Data Path field to open the Browse for Folder dialog. Locate the "Sample Data" folder. The default location is in the Program Files\AeroLog Pro folder. Click **OK** to close the Browse dialog and set the new Data Path.
- Close the *Data File Location* dialog.

## Uninstalling AeroLog Pro

- Select *Start>Settings>Control Panel* to open Control Panel, then double click the **Add/Remove Programs** icon.
- Double click "Single User AeroLog Pro..." in the programs list. Select the Automatic uninstall method then click **Next**.
- If you installed the sample data, double click "AeroLog Pro Sample Data" in the programs list. Select the Automatic uninstall method then click **Next**.
- Click **Finish** to uninstall the program.



# Multi-User AeroLog Pro

## Overview

Multi-User AeroLog Pro operates as a "client/server" application. In layman's terms, this means the following:

- The AeroLog Pro program files must be installed on each workstation from which it will be run. *The Multi-User AeroLog Pro program files cannot be installed to or run from a shared Server drive.*
- The AeroLog Pro data files are located in a pre-designated folder on a shared Server drive. No data files are stored on workstation drives.
- Database Management System (DBMS) software must be installed only on the Server. The DBMS manages requests for data from the "client" workstations. AeroLog Pro uses the Advantage Database Server<sup>™</sup> as its DBMS.

## Server Setup

In order to prepare your Server for Multi-User AeroLog Pro, you must do the following:

1. Install the Multi-User AeroLog Pro Server Support Files.
2. Install the Advantage Database Server<sup>™</sup>.
3. Initialize the AeroLog Pro data folder.

Detailed instructions for each of these steps follows.

## Installing Server Support Files

- If you have an AeroLog Pro CD, insert it into the CD ROM drive. The CD will auto-start and display the CD window. If the CD does not auto-start, select *Start>Run...* to open the Run dialog. Click **Browse** and locate CDROM.EXE on the CD drive. With this file selected in the Run dialog box, click **OK**. Click **Install AeroLog Pro Server Setup**.
- If you are installing from the Internet, download the install file (APS\_SETUP.EXE) and place it in a temporary folder on your hard drive. To begin the install, run the file.
- Step through the install screens. If you are unsure

about the install options presented on a screen, accept the preset options and click Next > to proceed to the next screen. When you get to the last screen, click Finish to complete the installation.

- Continue with Installing Advantage Database Server below.

## Installing the Advantage Database Server<sup>™</sup>

*Note* — You must be logged onto Windows NT/2000/XP as a user with Administrative Privileges in order to install the Advantage Database Server.

- Select *Start>Programs>AeroLog Pro>Install ADS*.
- Proceed through the introductory windows that appear on the screen and install the Advantage Database Server files. If install request that you insert Disk #2, ignore the message and click **OK**.
- When all files have been copied, the Product Information window will be displayed. Enter the Advantage Serial Number, Validation Code, and the name of the registered owner (your company name). *Reference the AeroLog Pro Registration Instruction sheet enclosed with your CD Rom to find your ADS serial number and validation code.*
- Note the radio buttons for choosing the Advantage Database Server Startup option. If you are unsure of which to choose, accept the preset option (*Automatic*) and click **Next**.
- The ANSI Character Set screen will be displayed. This screen allows you to configure the ADS to match your country's language requirements. If you are unsure of which to choose, accept the preset option and click **Next**.
- Select *Start>Programs>Advantage Database Server>ADS Configuration Utility*. Click the **Configuration Utility** tab and verify that the **Database Settings** are showing in the window are no smaller than those listed below. Alter any settings as needed.

### Minimum ADS Settings

<b>Connections:</b> 10	<b>Work Areas:</b> 125
<b>Tables:</b> 100	<b>Index Files:</b> 150
<b>Data Locks:</b> 200	

- Click **Exit** to close the ADS Configuration Utility.
- Select *Start>Settings>Control Panel*. Double click on the **Services** icon. In the Services window, select "Advantage Database Server" then click the **Stop** button. Wait for the service to stop.
- When the Advantage service has stopped, click the **Start** button to restart it. Verify that "Started" and "Automatic" is listed next to "Advantage Database Server" in the Services window, then click the **Close** button.
- In the Control Panel, double click on the **System** icon to open the System Properties dialog. To get the best performance from the Advantage Database Server, click the **Performance** tab and set the **Application Performance Boost** to "None". If you are concerned about changing this setting, see the NT Foreground Performance Boost at the end of this chapter.
- Continue with Initializing the AeroLog Pro Data Folder below.

### Initializing the AeroLog Pro Data Folder

The following procedure will establish a dedicated folder on the server hard drive for holding the AeroLog Pro data files, and will initialize the folder with empty files.

- Locate the AeroLog Pro Data Manager icon on the server desktop and double click it.
  - Type a fully-qualified path into the Data Path field. If in doubt as to what path to choose, a good choice is "C:\AeroLog Pro Data".
- Important!** If the data folder was previously initialized, the Data Path field will already contain a path. If this is the case, do not change this path without consulting your network administrator.*
- Click the **Check Files** button. The data manager will create the folder, if necessary, then initialize the data files.
  - Click the **Close** button to exit from the data manager.
  - This completes the server setup. Continue with Workstation Setup below.

### Workstation Setup

***Note** — Perform the following steps for each workstation from which you will be running AeroLog Pro.*

### Installing the AeroLog Pro Program Files

- If you have an AeroLog Pro CD, insert it into the CD ROM drive. The CD will auto-start and display the CD window. If the CD does not auto-start, select *Start>Run...* to open the Run dialog. Click **Browse** and locate CDROM.EXE on the CD drive. With this file selected in the Run dialog box, click **OK**. Click **Install Multi-User AeroLog Pro**.
- If you are installing from the Internet, download the install file (APM\_SETUP.EXE) and place it in a temporary folder on your hard drive. To begin the install, run the file.
- Step through the install screens. If you are unsure about the install options presented on a screen, accept the preset options and click **Next >** to proceed to the next screen. When you get to the last screen, click **Finish** to complete the installation.

### Initializing Multi-User AeroLog Pro

***Note** -- If any error messages appear during the initial startup phase, make a note of the text of the error message and the error number (if any) and report it to your network administrator.*

- Double click the **Multi-User AeroLog Pro** icon on the desktop.
- If the registration dialog appears, enter your System ID\*, Serial Number and Registration Code. *These numbers and associated instructions are enclosed in the CD ROM envelope.* If you are evaluating AeroLog Pro, click **OK** to proceed past the registration dialog.

*(\*) **Note:** The System ID field is locked. The instructions enclosed in the CD ROM envelope tell how to unlock this field so it can be altered.*

- If a Browse For Folder dialog box appears, use this dialog to locate the AeroLog Pro data folder (set up in the previous section) on your server drive. Select this folder then click **OK**. If you are not sure where the data is located, contact your network administrator. At this point, AeroLog Pro should



establish a connection with the server, open the data files, and display the main program window.

## **Uninstalling Multi-User AeroLog Pro**

### **Uninstalling Workstation Files**

*Note* — Perform the following steps on each applicable workstation.

- Select *Start>Settings>Control Panel* to open Control Panel, then double click the **Add/Remove Programs** icon.
- Double click "Multi-User AeroLog Pro..." in the programs list. Select the Automatic uninstall method then click **Next**.
- Click **Finish** to uninstall the program.

### **Uninstalling Server Files**

*Note* — You must be logged onto Windows NT/2000/XP as a user with Administrative Privileges in order to uninstall the server files.

- Select *Start>Settings>Control Panel* to open Control Panel, then double click the **Services** icon. Locate and select the "Advantage Database Server" service, then click the **Stop** button. Leave the Control Panel open.
- Select *Start>Programs>Advantage Database Server>ADS Service Uninstall*. This will remove the ADS from the Windows Service Manager.
- If necessary, Select *Start>Settings>Control Panel* to open Control Panel, then double click the **Add/Remove Programs** icon.
- Double click "Advantage Database Server for Windows NT" in the programs list to remove the ADS files.
- Double click "Multi-User AeroLog Pro Server Support" in the programs list. Select the Automatic uninstall method then click **Next** to remove the support files.

## **Understanding the ADS Service**

The Advantage Database Server<sup>TM</sup> is designed to run as a Windows "service" in order to provide the most robust and safest database management possible. (See Understanding Windows Services below for a brief explanation of NT services.) As a service, the ADS has better control over how and when the program is started and shut down. For example, if the startup type Automatic was selected during installation, the ADS will automatically start when the server is powered-up or reset. This provides a benefit over regular applications because it does not require a user to log in and start the ADS after a power failure or other unexpected shut down.

The default installation option is for the ADS service to be configured to start automatically when the server is powered-up. The following procedure can be used to verify that the ADS service is running after installation, or to manually start or stop it if necessary.

- Open the Windows Control Panel folder.  
(*Start>Settings>Control Panel*)
- Double click on the **Services** icon. Choose the Advantage Database Server from the list provided.
- Click either the **Start** or **Stop** button as required.

## **Understanding Windows Services**

In Windows NT/2000/XP, many server-side programs act as a service. Unlike regular applications, services run in the background providing application support and have no user interface of their own. Most services can be started, stopped, paused, and continued. Windows services are controlled through the Windows Service Control Manager. The Services dialog box lists all installed services and their current status.

Services information includes the following:

- Server status — relates the current status of the service (started, stopped, or paused)
- Startup options — allows you to select the startup type for the selected service (automatic or manual)
- Startup parameters — the startup parameters box allows you to specify startup parameters to a particular service.

## **Windows Foreground Performance Boost**

Windows NT/2000/XP allows foreground processes

(applications that are run directly from the server console) to be given priority in the dispensing of CPU time.

Windows refers to this feature as "Application Performance Boost". However, services such as the ADS run as background processes. If foreground processes are given a performance boost, the performance of all services, including the ADS will suffer. Typically the only foreground processes run on the server are maintenance and backup processes which are not performance-critical tasks. Therefore, it is usually advantageous to turn off the foreground performance boost feature.