



A. GENERAL PARAMETERS

1. Definition

Plotworks for Windows is a system for delivering digital plot files to A&E Products. This system will allow a remote user to bundle plot files with instructions for printing and delivery, view them for proper formatting and send them automatically via FTP to the CAD Plotting Department at A&E Products.

2. Customer Requirements

The system requires the following components be available and/or installed at the customer site:

- a. A Pentium-class PC running Microsoft Windows 9x, NT or Windows 2000.
- b. Internet access.
- c. AutoCAD Release 14.x or AutoCAD 2000 (for generating plot files).
- d. Pen Settings Table (to aid in setting up printer drivers).

3. A&E Components Provided

A&E will provide the following:

- a. *Plotworks for Windows* Client
- b. Appropriate printer drivers
- c. Support and training

3. Support

As part of our commitment to providing world-class service, A&E will be happy to help with the installation of this system. We can be contacted by any of the following means:

CAD Plotting Department - Phil Burgess, Manager

Telephone: 713.621.0022

Fax: 713.966.8524

E-Mail: cadplotting@aeproducts.com

Technology Department - Ken Sandlin, Manager

Telephone: 713.621.0022

Fax: 713.621.2537

E-Mail: ksandlin@aeproducts.com

B. PROCEDURE

The installation requires two distinct operations.

1. Installation and configuration of the *Plotworks* software

This software must be installed on every computer that will be sending plots to A&E. The computer must meet the requirements above, except for *AutoCAD*. *AutoCAD* is required to generate the plot files, but not to send them.



PLOTWORKS FOR WINDOWS



2. Printer Driver Installation

The system requires specialized printer drivers, depending on the application and use. Choices are:

a. *AutoCAD 2000* (Raster and Vector)

- Win 9x - HP DesignJet 650c (C2859B) - Windows System Printer
- WinNT (Color) - HP DesignJet 650c (C2859B) - Windows System Printer
- WinNT (B&W) - HP DesignJet 600 E A/0 - Windows System Printer

b. *AutoCAD R14* (Raster and Vector)

- Win 9x/NT - HP DesignJet 650c (C2859B) - Windows System Printer

c. *AutoCAD R14* (Vector Only)

- Win 9x/NT - Hewlett-Packard HP-GL/2 devices, ADI 4.3 - for Autodesk by HP - Internal AutoCAD ADI Driver

One, some or all of these drivers, depending on the customer's specific configuration, will need to be installed in each computer that is being used to generate plot files.

As part of the installation process, the pen settings that the customer uses to achieve variable lineweights and screening are attached to the printer driver. This process is known as "embedding." The advantage of embedding is that the pen weights are assigned to the plots file(s) automatically when the plot file is made and are not able to be accidentally modified at any other point in the printing process. This enhances A&E's ability to provide you with error-free plots.

C. RELATED DOCUMENTS

-
- | | | |
|--|---|---|
| 1. <u>A&E Technical Bulletin #CADP-2</u> | - | <i>Plotworks Client Installation</i> |
| 2. <u>A&E Technical Bulletin #CADP-3</u> | - | <i>Windows 9x/NT 4.0 System Printer Installation</i> |
| 3. <u>A&E Technical Bulletin #CADP-4</u> | - | <i>Configuring the System Printer in AutoCAD R14</i> |
| 4. <u>A&E Technical Bulletin #CADP-5</u> | - | <i>Setting up Pens in AutoCAD R14</i> |
| 5. <u>A&E Technical Bulletin #CADP-6</u> | - | <i>Configuring the System Printer in AutoCAD 2000</i> |
| 6. <u>A&E Technical Bulletin #CADP-7</u> | - | <i>Setting up Pens in AutoCAD 2000</i> |