InstallCert 2.0 Floppy Version – Administrator's Guide

Purpose:
With DoD PKI Class 3 certificates soon to be rolled out DoD wide there needs to be an easier way for the average user to install certificates. InstallCert has been created to ease installation of DoD PKI certificates. The application is simply distributed on a floppy disk with users certificates. InstallCert installs id and email certificates for either release 1 or release 2 of the DoD PKI along with the appropriate root files. As an additional bonus the IECA roots are installed as well.

Requirements:
- Internet Explorer 4 or greater
- Win 95, 98, Me, NT 4 Sp4 or greater, and 2000
- Floppy Drive

Installation:
After downloading or receiving the InstallCert archive go ahead and double click the file (InstallCert 2.0 Floppy Setup.exe, it is a self-extracting archive). You will be prompted for a floppy disk. ALL CONTENTS OF THIS DISK WILL BE ERASED!!! The archive will install all necessary files to the floppy disk. You can either rerun the archive to create new floppies or simply copy the floppy you have just made.

Setup:
InstallCert comes packaged with a configuration file that can be used to customize the program. This file is *settings.ini* and will be located on the floppy disk after you run the archive file. You will find documentation on how to change variables inside this file on the floppy also.

Use:
When a user downloads their certificates, simply copy the certificates to an InstallCert ready floppy (a floppy that already has InstallCert copied on to it). All the user has to do is run the InstallCert.exe file and the user will be prompted for several inputs (see Figure 1 below).

The user simply has to browse to their certificates. The certificates can be located anywhere, but most likely will be stored on a floppy. Each file is assumed to be protected with a password which is entered below each filename. The security section is the password that will be used when the user uses their certificates. Once the user hits install the program will go ahead and install the certificates.

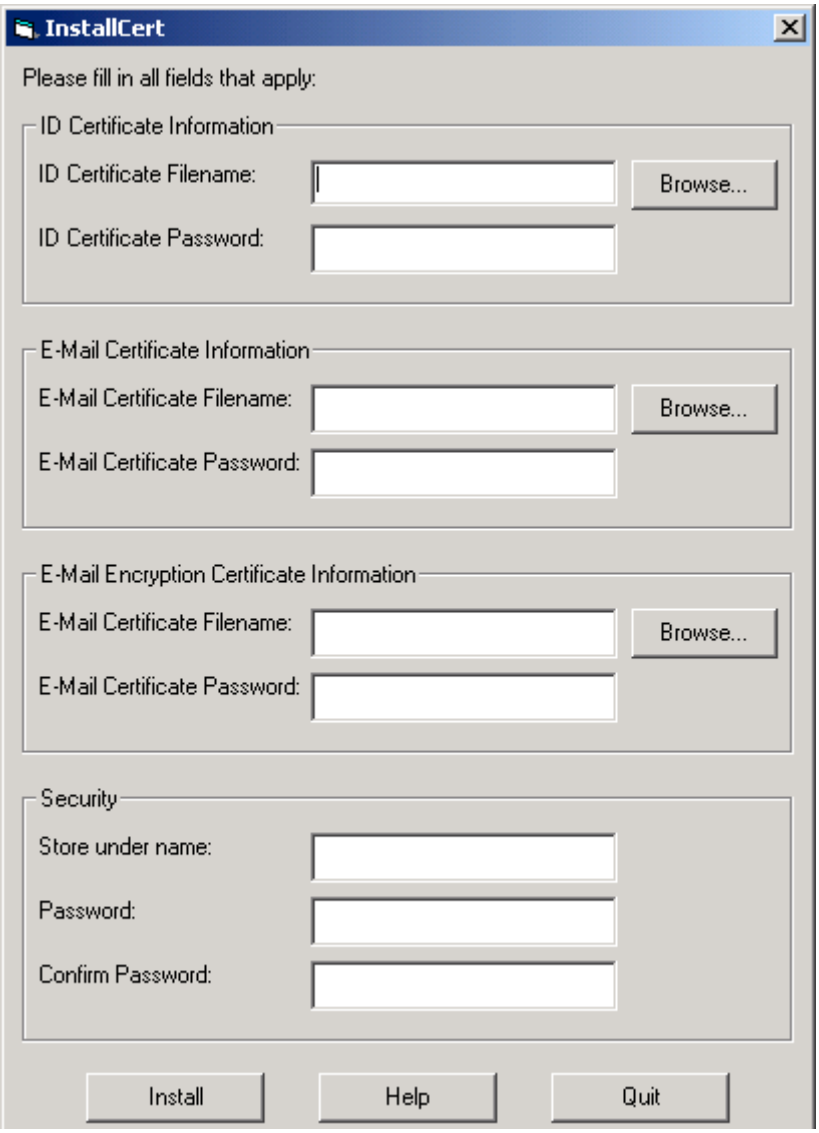

Figure 1 - User Input Screen

***PLEASE NOTE**: InstallCert does **NOT** configure your email client to send and receive signed and encrypted mail. This is left up to the user.

Notes:

- Certificates are installed with high security which means users will have to enter their password each time their certificate is used. This is not configurable with the configuration file in any way.
- Strong private key protection is enabled by default.
- The private key is marked as exportable.

Comments and Suggestions:
Send all questions and suggestions to Dan_Falcone@sra.com or Kevin_Heald@sra.com