

Stages for Preparing an Image as a Golden Image

Introduction:

The EX PC devices you have purchased from Chip PC arrive with 2 user profiles:

1. User profile: this user is limited and cannot perform any administrative tasks. In addition, this user does not see the local disk.
The password for User profile is: user
2. Administrator profile: this user can perform administrative tasks, such as installing/uninstalling applications, activate Write Protection, connect the device to a Domain, and more. This user sees the local disk. **The password for USER profile is: password.**

As default, the EX PC devices boot up as User profile, so when one wishes to perform administrative tasks, one needs to log off User and log in as Administrator.

Things to prepare in advance:

- External CD reader
- Memory stick, 2 GB or higher
- Chip PC CD Restore disk (can be downloaded from Chip PC website <http://www.chippc.com/company/index.asp?p=6251342578>)

Stage for preparing the Image:

1. Log in to device as Administrator.
2. Cancel Write Protection (EWF) (Start ->Programs>ChipPC EWF Manager).
3. Install/Remove required applications.
4. Perform needed changes to Image (e.g. Server connection definitions, drivers for peripherals, display definitions, and more).

When the device is ready for locking and cloning, please do the following:

1. Search for **FBReseal.exe** file and **copy** it to **System32** directory under **Windows**.
2. Run file **AdminAutologon.reg** to define for the device to boot up automatically as Administrator for the first boot. After running the file, Restart and make sure the device boots up properly with Administrator profile. (You can see user profile by activating the Start menu).
3. Run file **BeforeFBreseal.reg** (located under System32 folder) in order to put definitions in the Registry for the device to perform the next time it boots up.
4. Go to **Services** and stop the **Xcalibur Global XP Client Service** (usually the last on the list).
5. Open **CMD** and run **FBReseal.exe** with the following parameters:
 - computername
 - Autologon
 - keepmounted
 - Keepuser
6. When the process has finished and an End message appears, choose "**Shut Down**" option.

7. Connect an External CD reader to the device with Chip PC CD Restore disk.
8. **Important!** When turning the device ON, choose the option to load the OS for the External CD (this message will appear right after looking for PXE server, the user will be asked to press any key in the keyboard to approve this). In case the system does not boot up from the CD, disconnect the device from power, otherwise all preparation procedure will be lost!!
9. When the device boots up from the CD it will load PE environment as we defined in the server.
10. After PE environment is up and we have a CMD(Command) screen ready for work, connect the memory stick on which you wish to produce Golden Image. When connecting the memory stick, it will appear in drive E when drive C is the device's Flash, D is the utilities and X is the PE operating system.
11. Move to drive D and run the following command:
Imagex /Compress fast /Capture c: E:\Xpe.Wim "Xpe" /Verify
When the process ends, turn off the device via **Shutdown**
12. A file named **Xpe.Wim** will be created on the memory stick. Copy this file to a WDS server and replace the existing Install image.

When a device completes the Re-Imaging process and boots up for the first time, it performs SYSPREP actions and a message will appear on screen that this is being acted out. This process may take a few minutes. At the end of the process, the device will run several scripts that were predefined and will perform several Restarts (usually 3 restarts).

At the end of the process the device will boot up with a user profile ready for work.