Kodak

Setting up CFL

1. INTRODUCTION

This guide describes the process for setting up CTP Feature Licensing (CFL) on a *Kodak* output device. The procedure includes the following:

- Installing the CFL components
- Installing the license
- Setting up communication with the device

Sections of the procedure that apply to both MCE and MPE releases are indicated.

2. BEFORE YOU BEGIN

You will need the following to complete CFL setup:

- Administrator access on the workstation
- A standard customer dongle for workstations with USB ports

  OR

- A parallel customer dongle for workstations that do not have USB ports
- The latest MCE or MPE Controlled release CD for the device

3. INSTALLING THE CFL COMPONENTS

This section applies to both MCE and MPE releases.

Note: You must be logged in as **Administrator** or have administrator privileges on the computer to complete this procedure.

1. Check that the USB ports are enabled on the workstation. Refer to Dell Hardware Config – Enabling USB ports at http://techplanet.creo.com/software_solutions/workflow_hardware/dell_platforms/content/docs/709-00208A-EN-A-PR01.pdf.

   If the workstation does not support USB, order a specific parallel dongle. See "Using a customer parallel dongle" for additional information.

2. Check to see if Microsoft .Net Framework 1.1 is installed:

   - **Start**>**Settings**>**Control Panel**>**Add/Remove Programs**
   - Look for Microsoft .Net Framework 1.1 in the **Add/Remove Programs** window.

If Microsoft .Net Framework 1.1 is not listed, download and install it from http://techplanet.creo.com/output/device_control/feature_licensing/nav/downloads.htm or from the Microsoft Windows Update website.

3. Install CFL server (**CFL_x.x.x**) from the **Feature Licensing** folder on the latest Controlled Release CD:
    - Remove any USB dongles from the workstation.
    - Follow the installation wizard.
4. Install the **License Definition** files in the **LDF_x.x.x** folder from the same Controlled Release CD (doesn't apply to MPE CR).
5. Restart the system.
6. Plug in the customer dongle.



OR



At this point four things have been setup:

- CFL server—a service that runs in the background and starts automatically
- CFL License Manager—used to manage your licenses and customer dongle. It is accessible via a shortcut available on the desktop.
- Sentinel drivers—required for the dongle to be recognized
- License definition files (LDF)—files that describe the characteristics of the device. They are totally dependent on the CR and should always be updated during a full CR update.

4. INSTALLING THE LICENSE

Note: You should *never* have two customer dongles plugged into the system at the same time. If a *Kodak Prinergy* single server or *Prinergy* Evo server is used to drive the device directly (Print Console running on the server), the dongle used by CFL will be shared with *Prinergy* or *Prinergy* Evo.

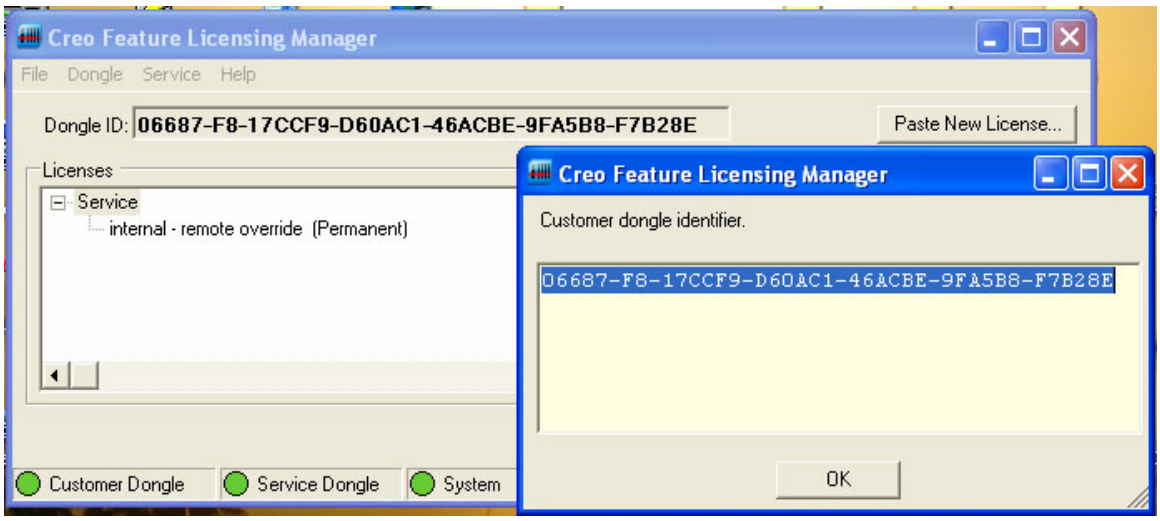
The license is a secured text file that resides on the customer workstation. That text file is linked to a hardware key. The hardware key is the customer dongle. The license is not carried by the dongle, and nothing is ever written to it.

4.1 Checking the customer dongle

This section applies to both MCE and MPE releases.

To verify that the current dongle registered with the feature license server is the one plugged into the workstation:

1. Use the shortcut on the desktop to start **Creo Feature Licensing Manager**.
2. Click on **Dongle** and select **Find dongle.**
3. Check to make sure that the first five digits from the **Dongle ID** field in the original **Creo Feature Licensing Manager** dialog box match the first five digits in the **Customer dongle identifier** dialog box. This should also match the number on the dongle.



- If the **Dongle ID** field is empty, it means that no dongle has been linked to the workstation. This is okay.
- If the Dongle IDs do not match:
  - Plug in your service dongle.
  - Click on **Service**.
  - Select **Un-marry** to remove the previously registered dongle.
  - Close the window.

4. The **Customer Dongle** and **System** buttons at the bottom of **Creo Feature Licensing Manager** should be green. This means that the customer is properly setup and the server is running.

4.2 Installing the customer license

This section applies to both MCE and MPE releases.

1. Make a note of the customer dongle ID. Dongle IDs always start with C and include 5 digits, for example, C01234.
2. Go to http://ccatemplic.creo.com/cfldatabasewebgen (only accessible from within the Creo network).
3. Enter the dongle ID under **License Searching** at the bottom of the page to find the customer license.

Note: You can also search for the license using the device serial number or the sales order number.

4. Copy and paste the license (select the full text) into the **Creo Feature Licensing Manager**.
   Refer to the feature licensing tutorial at http://techplanet.creo.com/output/device_control/feature_licensing/nav/reference.htm if you are unfamiliar with the process.

4.3 Installing an emergency customer license

If no license was generated or the license is not correct for the device, you will have to use an emergency license that will be valid for one week.

1. Make a note of the customer dongle ID. Dongle IDs always start with C and include 5 digits, for example, C01234.
2. Go to http://ccatemplic.creo.com/cfldatabasewebgen (only accessible from within the Creo network).
3. Click **Generate Emergency License.**
4. In **Dongle Serial Number ID**, enter the dongle ID.
5. Select the name of the **Product** that you are working on.
6. Click the proper configuration in Version/Details.

Note: Performance = Non Quantum

Premium = Quantum.

An emergency license licenses the device to use everything that is compatible with a specific model type (Base, AL, CL, etc.). For a *Kodak Trendsetter,* you will have a license to image up to the maximum plate throughput with Spectrum capabilities and the highest possible resolution. This only means that the device is licensed for these capabilities. It does not mean that the device will actually be able to do them. Print Console will report a configuration that does not match your device but this is only a cosmetic issue that will not affect the functionality of your device.

7. Copy and paste the emergency license into **Creo Feature Licensing Manager**.

5. SETTING UP COMMUNICATION WITH THE DEVICE

The device gets its configuration from the CFL server via communication through the PPP link established on COM4 (default configuration for workstation communication).

If the PPP link is not working, the feature licensing will be inactive and the device will not be configured; only diagnostic plots and mechanical diagnostics can be done through the firmware.

Note: This setup only applies to TMCE devices. GMCE board communication is handled differently.

5.1 Setting up the PPP link

1. Connect your service dongle to the workstation. Your service dongle license must be valid.

2. Follow the instructions in Using the Service Shell Host Configuration Wizard to Set Up Microsoft Windows as a PPP Server for MCE Devices at http://techplanet.creo.com/output/device_control/print_console/content/docs/PPP_server_setup_SShell.pdf

   You will be using the TCP/IP Configuration wizard available from the **Service Shell Host** configuration utility.

6. KNOWN ISSUES

1. The **MCEDevice** account must have **Administrator** privileges (part of the administrator user group) or be set up as a **Super User**.

2. The **MCEDevice** password and the password entered in the firmware under **`set net`** don't match.

3. The device IP address defined in **`set net`** does not match the IP address entered in the **Hosts** file in **C:\WINDOWS\system32\drivers**. In this case, the PPP link may be working, but the feature licensing server will not communicate with the device and will not configure it.

Items 2 and 3 are normally handled automatically by the TCP/IP configuration wizard but have happened.

7. USING A CUSTOMER PARALLEL DONGLE

This section applies to both MCE and MPE releases.

If the customer workstation does not support USB and there is no practical way to correct it (for example, you cannot re-ghost the system, or there is no physical USB port), you can order a parallel dongle (part number 22-0104) using a part only order.

You will not be able to plug in your service dongle (USB) and thus access licensed service tools. This can be solved as follows:

1. The easiest way is to generate a temporary service license using http://ccatemplic.creo.com/cfldatabasewebgen. In Service Shell 2.6 SP2 and later, there are two types of service license:

   - A **Full Service** license that is valid for one week and should be removed before you leave the site.
   - An **Advanced User** license that is valid for one year but does not provide access to **Test Plot Applet** and some other service tools. This type of license should be left on the system *only* if the District Manager agrees that the customer can access **Service Shell**.

2. Connect your laptop to the network or use a crossover Ethernet cable to connect your laptop directly to the workstation. You can then connect to **Service Shell Host** and access most **Service Shell** functions remotely.

3. If **Bug Zipper** or **Test Plot Applet** is required, option 2 is not enough:

   - On your laptop, use **Service Dongle Manager** to remote your service license to the customer workstation while you are connected to the workstation via the network.
   - Run **Service Shell** on the workstation. The license remote function provides access to all **Service Shell** functions.