

# VESTEL

## D0600 - FTP Update Procedure

## FTP Update Procedures

Remote updating TVs using FTP update is an easy process which contains four steps. First three steps are necessary for preparing system, therefore once you perform them you'll only need to change dcf & binary files for every release in order to update TVs to new versions.

All tools, files, binary images, sample scripts, etc. could be accessible from [support.vestek.com.tr](http://support.vestek.com.tr) web site.

Updating TVs via FTP has three steps;

- Configuring TVs with FTP credentials
- Preparing FTP file directory
- Invoking FTP update

## Configuring TVs With FTP Credentials

There two different ways to configure TVs with FTP credentials,

- Via bootcaster
- Via profile file

**Bootcaster** is an Java application that runs on server and streams startup parameters in multicast packages. Each TV listens that pre-defined multicast addresses during bootup and changes its configuration according to those parameters.

A sample configuration;

```
VERSION=3
START_URL=http://192.168.0.72/HotelTV2_v88/
FTP_PROPS=ftp://192.168.0.71,VestekFTPUser,VestekTVSW2013
CHANNEL_LIST_URL=http://192.168.0.72/HotelTV2_v88/pages/tpvpage/channellistxmlgenerator.aspx
```

You many use bootcaster to configure TVs at run time or use profile update and hardcode all paramters.

## Creating & Updating Profile Files

First we need to update profile file with FTP server credentials

- Open profile.xml file and change necessary parameters (in Figure 1.1) using Profile Composer tool.
- Press «Save & Build» buttons, Profile Composer will produce compiled binary versions of profile file.
- Use only «mb95\_swprofile.bin» to update TVs.

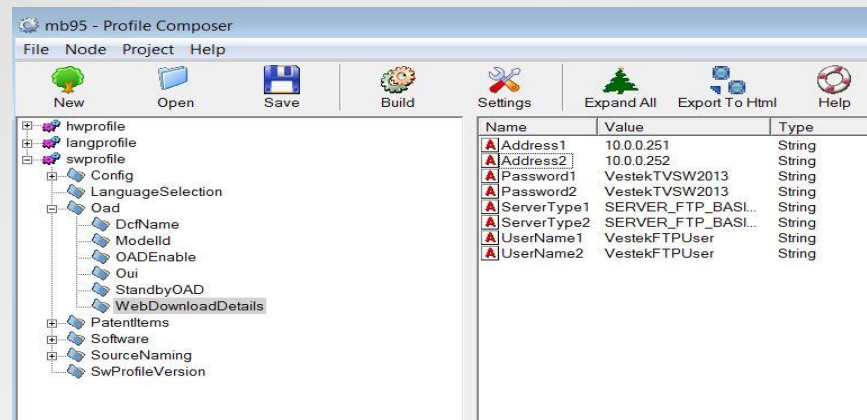


Figure 1.1

In order to update profile file on a TV, we should connect to TV via telnet invoke following command;

(changes will be effective after reboot)

```
> cd /conf/
```

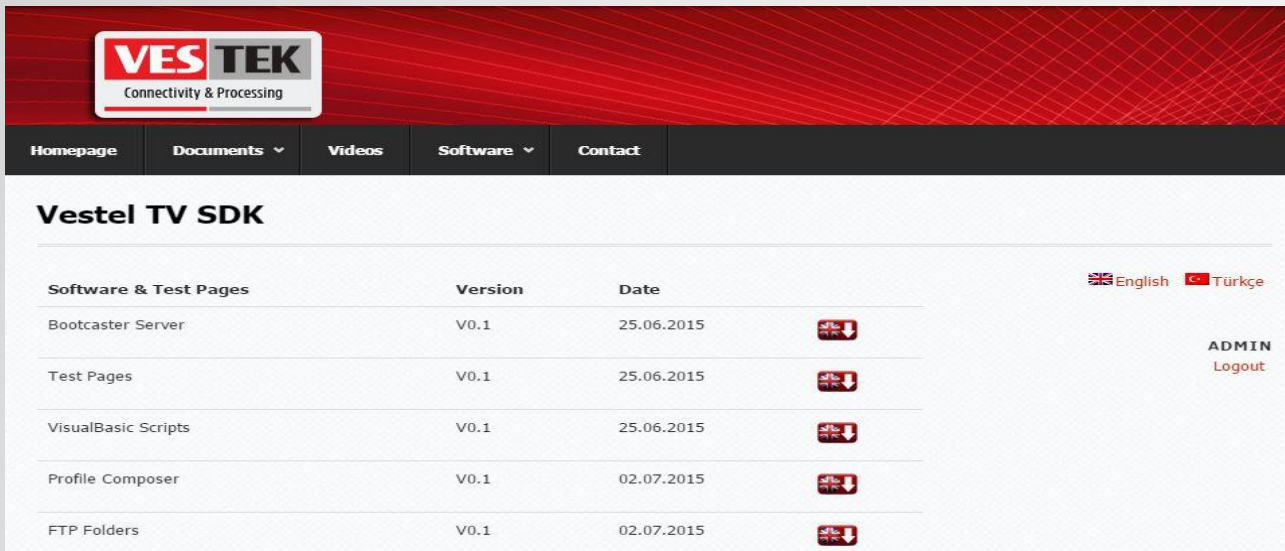
```
> ftpget -u username -p password serverIP mb95_swprofile.bin $FilePathUnderFTP/mb95_swprofile.bin
```

You can modify that command with the parameters of your FTP server

```
> ftpget -u VestekFTPUser -p VestekTVSW2013 192.168.0.71 mb95_swprofile.bin /V9.2.2/profile_files/mb95/mb95_swprofile.bin
```

## Automated Tasks & Profile Composer

There are sample VB scripts for performing various tasks under support web site. As an example «mb95\_profile\_changer.vbs» automatically connects to given IP addresses (listed in IP.txt file) and updates profile files. Sample VB scripts and Profile Composer could be accessible from [support.vestek.com.tr](http://support.vestek.com.tr).



The screenshot shows the Vestel TV SDK website. The header features the VES TEK logo with the tagline "Connectivity & Processing". Below the logo is a navigation menu with links for Homepage, Documents, Videos, Software, and Contact. The main content area is titled "Vestel TV SDK" and contains a table of software and test pages. The table has columns for Software & Test Pages, Version, Date, and a download icon. The table lists five items: Bootcaster Server, Test Pages, VisualBasic Scripts, Profile Composer, and FTP Folders, all with version V0.1 and dates ranging from 25.06.2015 to 02.07.2015. In the top right corner, there are language selection options for English and Türkçe, and an ADMIN Logout link.






Software & Test Pages	Version	Date	
Bootcaster Server	V0.1	25.06.2015	
Test Pages	V0.1	25.06.2015	
VisualBasic Scripts	V0.1	25.06.2015	
Profile Composer	V0.1	02.07.2015	
FTP Folders	V0.1	02.07.2015	

Figure 1.2

## Preparing FTP File Directory

In order to create following file structure (in Figure 1.3) under FTP server, you can download «FTP Folders.rar» (in Figure 1.1) file from [support.vestek.com.tr](http://support.vestek.com.tr) and extract it to FTP root.

Every FTP release shared from support web site contains DCF file and binary images.

- Copy 5751.dcf file under «0009df» directory (in Figure 1.3)
- Copy binary files under «images» directory (in Figure 1.4)

You can download FTP file for every software version which contains both DCF and binary files from our support web site

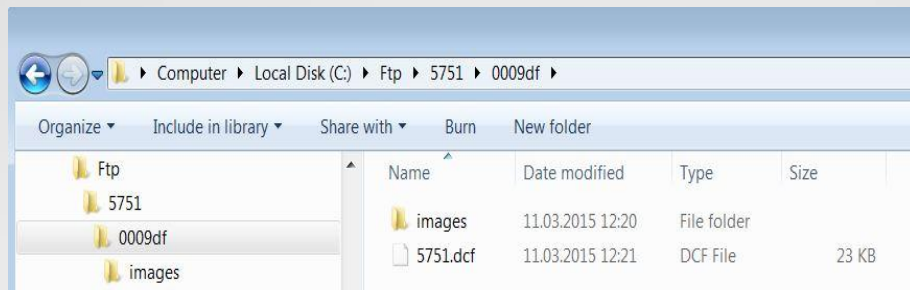


Figure 1.3



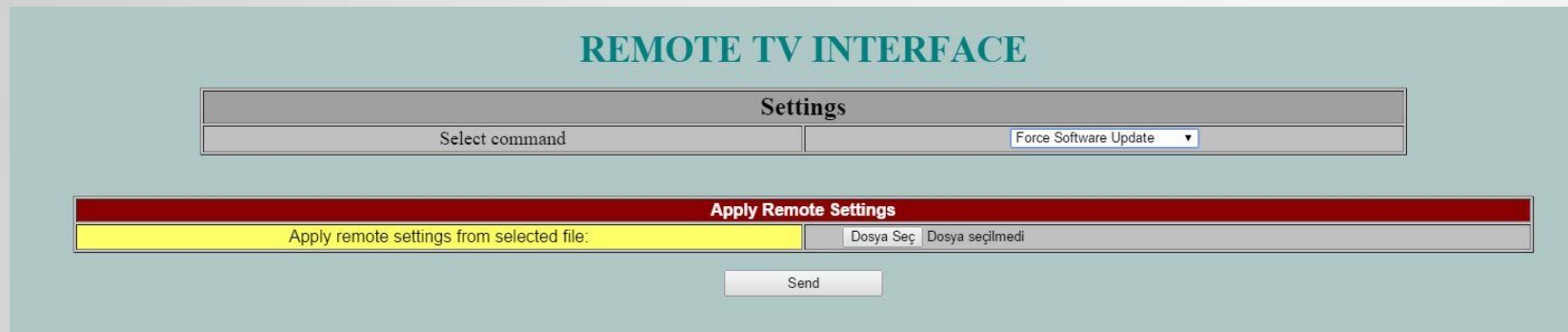
Figure 1.4

## Invoking FTP Update

You can invoke FTP update using remote CGI;

- Connect to TV by writing IP address to web browser
- Select «Remote Interface» and then «Force Software Update» from combobox

«DO259 – HotelTV Remote Interface» document explains how to progmatcally perform any kind of CGI operations on TVs in whole network.



The screenshot displays the 'REMOTE TV INTERFACE' web page. At the top, the title 'REMOTE TV INTERFACE' is centered in a teal font. Below the title is a 'Settings' section with a grey header. Underneath, there is a 'Select command' label and a dropdown menu currently showing 'Force Software Update'. Below the settings is a red header for 'Apply Remote Settings'. Under this header, there is a yellow highlighted area with the text 'Apply remote settings from selected file:' followed by a file selection field containing 'Dosya Seç | Dosya seçilmedi'. At the bottom of this section is a 'Send' button.

Figure 1.4