



TV without boundaries.

SOFTWARE SETUP PROCEDURE

T1

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Table 1 – Glossary

Term	Explanation

Table 2 – Abbreviations

Abbreviation	Meaning
ECO	Engineering Change Order
MPI	Assembly Instruction Procedure
SLP	System Loading Procedure
STP	System Test Procedure
FLP	Firmware Loading Procedure
MFVP EL	MediaFirst Video Processing Encoding Live

Table 3 – References

Reference	Document name	Version

Table 4 – History

Revision	Author	Date	Description

1 Products concerned

This document describes the software setup procedure for MFVP Encoding Live 7.00.20X on T1 platforms.

2 Prerequisites

This document is part of the SLP. Please refer to the SLP document referenced in Agile to respect the whole production process.

3 Software installation

Note : This step is needed. The software must not be installed during the Firmware Loading Procedure.

3.1 Copy “envivio-muse-xxxx.tar.gz” on the target platform

1. Configure the T1 switch in order to have the vlan 3000 configured with a local network with IP address 10.0.xxx.xxx and mask 255.255.0.0
2. Get Ericsson Serial number for a T1 blade (e.g.: 4E-956423)
3. Connect over ssh to the target platform through [10.0.y.1xx](#) with the following login/password:

Login: root

Password: 3nvivio_!

(you can use winscp or filezilla software for example).

Note: xx are the two last digits of the serial number from step 2. And y is 1 for Server 1 or 2 for Server 2
(e.g.: [10.0.1.123](#) for Server 1 and S/N=4E-956423; [10.0.2.123](#) for Server 2 and S/N=4E-956423)

4. Copy file “envivio-muse-xxxx.tar.gz” provided in the delivery in the /root folder of the target platform.

3.2 Install MFVP EL Software RPMs on the target platform

1. Connect over SSH to the target platform with PuTTY client (same IP and login/password than §3.1 step 3)
2. Uncompress “envivio-muse-xxxx.tar.gz” copied in previous steps on the target platform, execute the following command via SSH :
 - cd /root
 - tar -xvf *.tar.gz
3. The following files will be available in the root folder :
 - deltacast-hd-5.21-9.el7.centos.x86_64.rpm
 - deltacast-x300-5.21-9.el7.centos.x86_64.rpm
 - envivio-muse-<release>-<build>.el7.x86_64.rpm
 - intel-i915-firmware-16.5-55964.el7.x86_64.rpm
 - intel-linux-media-16.5-55964.el7.x86_64.rpm
 - intel-opencl-16.5-55964.x86_64.rpm
 - kmod-ukmd-16.5-55964.el7.x86_64.rpm
 - libdrm-2.4.66-55964.el7.x86_64.rpm
 - libdrm-devel-2.4.66-55964.el7.x86_64.rpm
 - libva-1.67.0.pre1-55964.el7.x86_64.rpm
 - ms416-2.0-15.el6.x86_64.rpm
 - protobuf-2.5.0-8.el7.x86_64.rpm
 - python27-2.7-5.r01.x86_64.rpm
4. Launch RPMs installation with the following command and wait for completion:
 - yum install -y *.rpm
5. Execute script “/opt/envivio/muse/bin/setup_system_conf.sh” to complete the installation
6. Once installation is complete, delete “envivio-muse-xxxx.tar.gz” and uncompressed RPMs:
 - rm -f *.rpm
 - rm -f *.tar.gz

7. After a few seconds, the updater UI will be accessible through <http://10.0.y.1xx/Updater/>

NOTE: After installing the MFVP EL you will need to reboot the OS.

4 Licenses installation

4.1 Get the LIF file to generate the license

Follow the steps below to retrieve the LIF file from the unit:

1. Open the Updater page (<http://10.0.y.1xx/Updater/>)
2. Select “Platform Identifier” menu
3. Save the LIF file to be used on the license generator

4.2 Generate the License

Generate the license from License generator according to the purchase order (procedure not described in this procedure).

4.3 Load the firmware license

Once the license generation is complete using the license generator, install the firmware license with following steps:

1. Open the Updater page (<http://10.0.y.1xx/Updater/>)
2. Select “Licensing” menu and browse to select the FLI file (license.fli).
3. Click “Install”.

4. If installation is successful, the following message is displayed: “License uploaded successfully”.

4.4 Load the software license

Once the license generation is complete using the license generator, follow the steps given below to install the software license:

1. Open the Updater page (<http://10.0.y.1xx/Updater/>)
2. In the “Licensing” menu, browse to select the SLI file (license.sli).
3. Click “Install”.
4. If installation is successful, the following message is displayed: “License uploaded successfully”.

4.5 License Verification

1. Open a web browser following: <http://10.0.y.1xx/mfvp>
2. Click on “System” menu
3. Select the “About” page as shown on the following figure:

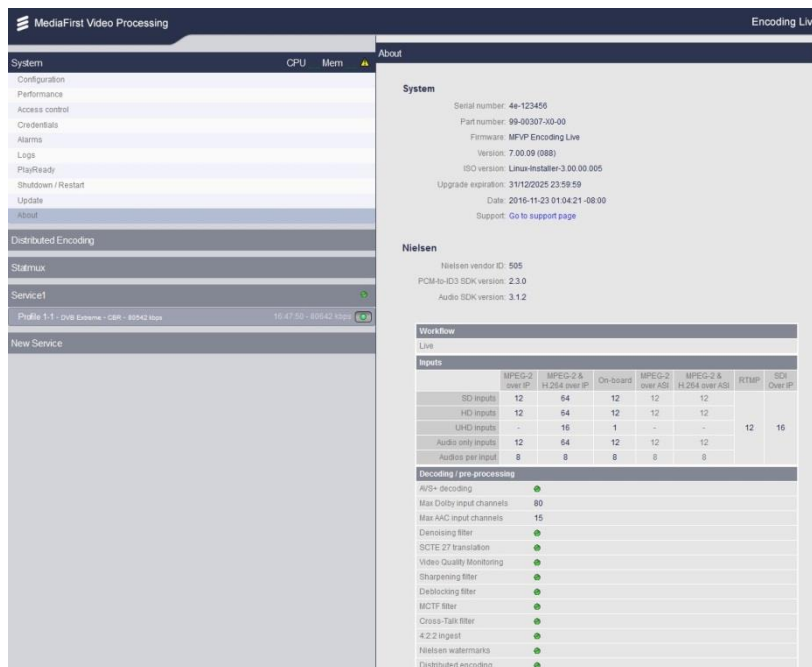


Figure 1 : About page

4. Check that the following fields displayed in “System” section are the same as described in the ECO:
 - Serial Number
 - Firmware
 - ISO Version
5. Check that the “Licensing” options are correct. Installed options are in green colour while options not selected are in red.

4.6 Product Installation Verification

Verify the MFVPEL is correctly installed :

1. Open a web browser and access the following url: <http://10.0.y.1xx/mfvp>
2. The following 3 tabs must be present on the GUI : System, Statmux, New Service :

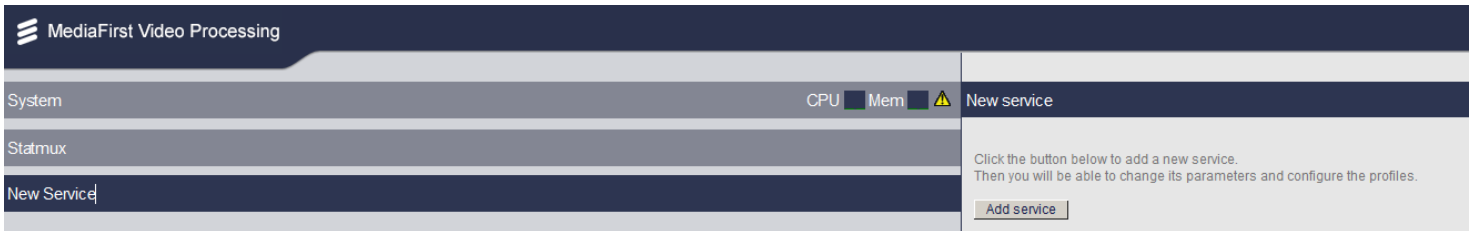


Figure 2 : Product Intallation Verification

3. Now, you get a MFVPEL product with the options described in the customer order. You can now proceed to the next steps as mentioned into the SLP.