

# Application Note DT-AN-DTLIC

# Installing DekTec License (.dtlic) Files

#### 1. Introduction

This application note provides guidelines for installing a .dtlic file (=DekTec license file) on DekTec devices. A .dtlic file contains a license key to enable a DekTec application or a product function. A license can be programmed on a DekTec device with the **DtInfo** utility.

## 2. The DekTec License System

Certain DekTec applications (e.g. **StreamXpert**<sup>®</sup>) and certain product features (e.g. ATSC 3.0 modulation) require the presence of a license for proper operation. Contrary to most systems that store licenses on the computer (PC-bound licenses), DekTec licenses are stored on DekTec hardware products (PCle cards, DekTec USB devices, standalone modules), or on DekTec dongles. If a PCle card or USB device is moved to another PC, the license moves with the card or device.

Applications like **StreamXpert**<sup>®</sup> can be downloaded and installed without license. When a DekTec application starts, it checks whether the required license is available on a DekTec device or dongle. If no valid license is found, you cannot invoke the associated function work.

If a license was ordered simultaneously with DekTec hardware (e.g. DTU-245-SX = DTU-245 with **StreamXpert**<sup>®</sup> license), the license keys have been pre-programmed on the hardware, and the licensed features are ready for use out of the box.

You can also order licenses at a later stage, in which case you will have to specify to DekTec the serial number of the device that will hold the license. You will receive a .dtlic file that you will have to program onto the corresponding DekTec device using the procedure described below.

## 3. Programming a License

To program a license on your hardware you will need the DekTec utility **DtInfo**. The steps below describe how to use **DtInfo** to program the license onto your DekTec device.

## Step 1 - Install DtInfo<sup>1</sup>

- Download the latest version of DtInfo from the DekTec website at: http://www.dektec.com/products/applications/DtInfo/downloads/DtInfo.zip
- Execute the installer in the zip and follow the instructions in the installer.

<sup>&</sup>lt;sup>1</sup> If you already have a current version of DtInfo installed, you can skip this step and continue to step 2.



#### Step 2 - Open the license manager window in DtInfo

• Start DtInfo.

🐯 DtInfo V4.8.0.36						×
Version Information DTAPI Service V3.1.0.5	i2 Dta V4.14.7.208 DtaNw	8.3.66	For the latest DekTec product information, please visit: www.dektec.com			
Adapter #1		,			<b></b>	
Bus 1	DTA-2152 Rev 1 S/N 2152.000.014	Firmware V2	Info	Licenses	SP	Details
Slot 0	Dual HD-SDI in +out	Latest V2	Upgrade	IO Conf.	Out, In	Change
Adapter #2						
ID 0	DTU-315 Rev 4 S/N 315.000.021	Firmware V0	Info	Licenses	GOLD	Details
USB V3	Universal modulator	Latest V0	Upgrade	IO Conf.	1:Out	Change
Adapter #3						
ID 4	DTU-245 Rev 5.1 S/N 4245.093.000	Firmware V9	Info	Licenses	SXP	Details
USB V2	ASI/SDI input+output	Latest V9	Upgrade	IO Conf.	1:In, 2:Out	Change
Adapter #4 - 192.168.39.10	)					
	DTE-3100 Rev 3 S/N 3100.001.643	Firmware V1.6	Info	Licenses		Details
no_name	Networked ASI output	Latest V1.6	Upgrade	IO Conf.	1:Out	Change
•						

- Click on the 'Details' button, on the row with the DekTec hardware to which you would like to add the licenses.
- If you have a DekTec dongle, but no DekTec adapters, you can select 'License Manager' from the menu that appears when you click the **DtInfo** icon on the top-left corner of the **DtInfo** window.
- The license manager window will pop up and show the details for the licenses that are already present on the selected DekTec device.

De	kTec License Manager							×		
Current License(s) DTA-2152 (SN: 2152000014) V								ekTec		
	Product	Options	Device	Serial Number	Description	Status	Maintenance	Expiration		
	C-300-SP	-	DTA-2152	2152000014	Permanent license	Valid	2017.01.07	Never		
	Import Export Refresh Close									
	Use the import button to import licenses from a *.dtlic file Use the export button to export your existing licenses to a *.dtlic file									



#### Step 3 – Import Licenses from the .dtlic File

- Click on the 'Import' button.
- An 'Open File' dialog will pop up and you should browse to the file location of the .dtlic file you received.
- After selecting the license file, an 'Import License(s)' window will appear, showing the licenses included in the .dtlic file. Typically this list contains the license(s) already present on your device, plus the new license(s) you ordered.

Import License(s)								×
Product Contemporation of the second	Options - -	Device DTA-2152 DTA-2152	Serial Number 2152000014 2152000014	Description Permanent license Permanent license	Status Valid Valid	Maintenance 2017.01.07 2017.01.07	Expiration Never Never	
Continue Close								

- Click on the 'Continue' button.
- You may now get a 'Warning' message with a list of licenses that will be removed during programming. If you believe this list contains licenses that should not be removed, press 'No' and refer to the troubleshooting section in this document. Otherwise press 'Yes'.



- DtInfo will now program the licenses onto the DekTec device.
- If all is well the message 'Licenses programmed successfully' will appear within a few seconds.
- The license(s) have now been added to your DekTec device.
- **Note** You can discard the .dtlic file now. The licenses have been added permanently to your hardware. DekTec keeps track of all licenses that are generated. In the unlikely case that the hardware "loses a license", DekTec will regenerate the .dtlic file free of charge.



# 4. Troubleshooting

If you encounter any problem while applying the procedure described above, don't hesitate to send an email to DekTec support (info@dektec.com) with a description of your problem.

Please include the following details in your email:

- 1. A screenshot taken from the main **DtInfo** window.
- 2. An exported .dtlic file with the current licenses on your hardware. To create such a .dtlic file, open the license manager (see above) and press the 'Export' button.