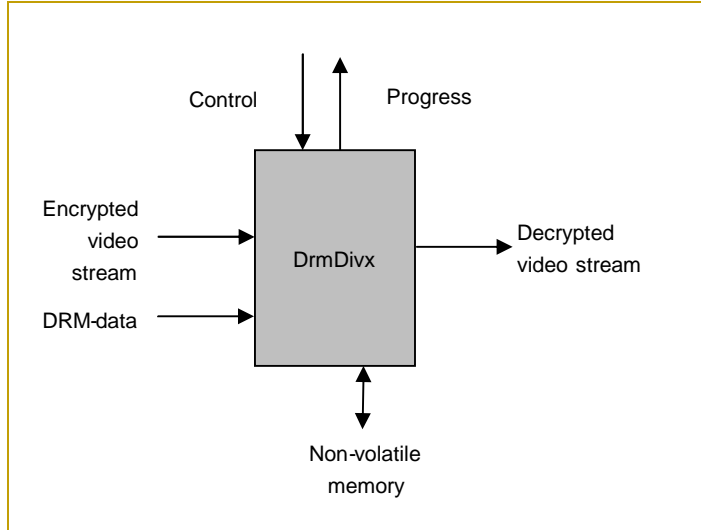


# DrmDivx

# DIVX DRM

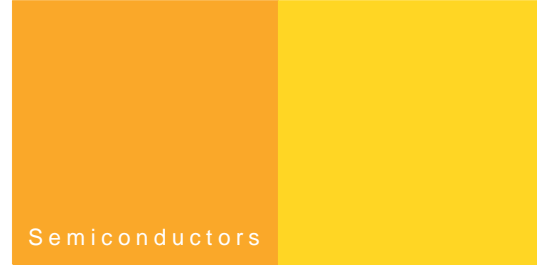
## Introduction

DrmDivx is a TSSA compliant software library that decrypts Divx DRM streams.



## Key Features

- Supports a TSSA1 compliant interface,
- Decrypts DivX DRM stream,
- Works with buffer provided by application that contains content of DRM non-volatile memory. The component reads and writes to this buffer. DRM non-volatile memory is intended to store the user ID and other info related to video-on-demand services.
- Supports base, purchase and rental modes,
- Reports the essential DRM information, such as the number of playbacks committed to/left for a rental video, to the application and allows the application to choose whether to decrypt the stream or not.



## General Information

The DrmDivx component takes an encrypted elementary video stream and a drm data stream, typically from an avi file parser such as AviRead. It will decrypt the video stream and send it to output. If the video stream is not encrypted the component will simply copy data to output.

## Documentation

DrmDivx API user documentation is available with this release.

## Licensing

The use of this component requires a license from DivX networks.

# DrmDivx

## DIVX DRM



### Technical Information

#### Memory Usage

Memory Type	Pnx1500 (bytes)
Static	28163
Text	56437
Dynamic	
• Not DRMed streams	660
• DRMed streams	36768

#### Processor Load

Stream	Load (in MCycles)
DRM is present (640x272, 886 kbps, stream e04)	1.138
DRM is not present (720x576, 4 Mbit, stream c14)	1.701

#### Operating System Usage

Type	Usage
Tasks	1 (TDRM)
Semaphores	0
Queues	0
Mutex	0

### Other Information

Supported processors – tm1500

Built with compiler version – tmcc v7.1.0 of TCS v4.41 (0168\_Windows)

#### Example Programs

This library is shipped with an example program, exoDivx, that demonstrates the use of the component.

#### Related TriMedia TSSA Software Components

- AviRead
- VdecDivx

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