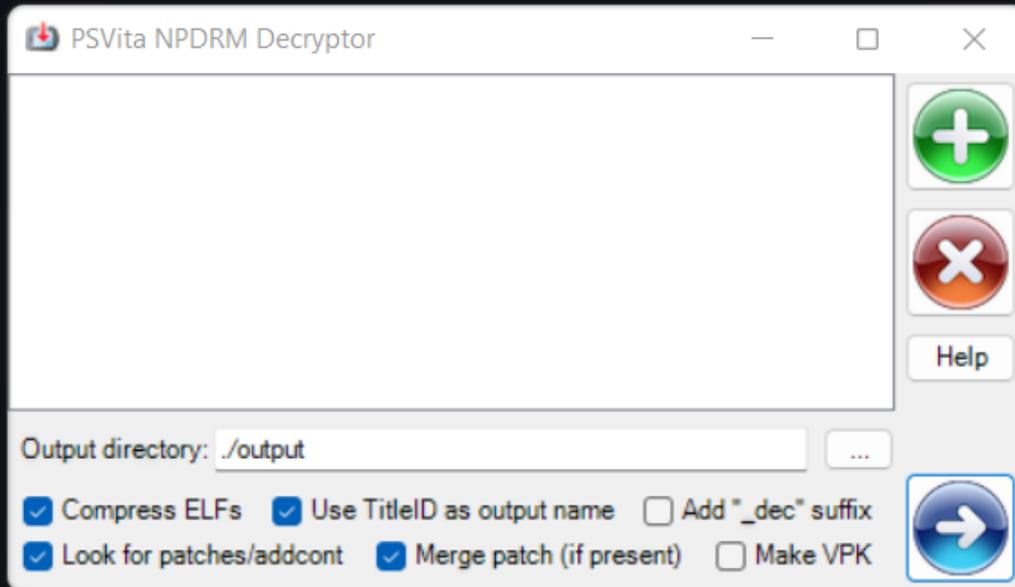


# PSVita NPDRM Decryptor



## Features

- Straightforward GUI to decrypt NPDRM protected apps/patches/addcont:
  - Easier modding
  - Allows all apps to run on all firmware versions
  - Removes the need of plugins like [NoNpDrm](#)
  - Full control over the content you own

## Software Requirements

- Microsoft Windows 7 or later (x64)
- [.NET Framework 4.8.1](#)
- (Optional) ["TrialPatch" user plugin to bypass game trials](#) (e.g. Rayman Legends, FEZ)
- (Optional) ["rePatch-reLoaded" kernel plugin to install patches & addcont without merging](#)

## Usage

If you have a PKG file and not a NPDRM app in folder format you'll first need to extract the PKG with ["pkg2zip.exe"](#) or similar by providing the correct zRIF.

- Use the **+** button or drag & drop encrypted folders, select the output directory and click the blue arrow
- Adjust the options in the checkboxes to your liking
- Remove highlighted folders with the **X** button

Follow the [Input Folder Search Structure](#) section below to setup your input folders correctly with patches and addcont.

The program will search for patches/addcont when decrypting the main app with the specified folder setup.

Patches and additional content can still be decrypted separately.

## Installing decrypted applications

- App
  - Copy the VPK/folder to the PSVita (NOT inside `ux0:app` )
  - (VPK) Open VitaShell and install the package
  - (Folder) Open VitaShell and press `△` on the app folder and choose `More -> Install folder`
  - Accept extended permissions
- Patch
  - Merge with main app or use rePatch
- Additional content
  - Use rePatch

For now app installation must be done through VitaShell because we need to generate a fake `head.bin` to display the app in the livearea.

## Installing decrypted applications (rePatch)

- App - Install as described before
- Patch/Additional content
  - [rePatch-reDux0 Wiki](#)

## Input Folder Search Structure

```
├─addcont
│  └─TITLE_ID
│     └─DLC_FOLDER
├─patch
│  └─TITLE_ID
├─app (any name or TITLE_ID)
│  └─eboot.bin
│  └─...
```

Name	Date modified	Type
addcont - TitleID - XXXXXXXXXXXXXXXXXXXX (DLC)		File folder
patch - TitleID (Patch)	10/07/2024 14:52	File folder
PCSB00360 - Rayman® Legends	10/07/2024 14:53	File folder
PCSB00405 - Terraria		
PCSB00560 - Minecraft	10/07/2024 14:52	File folder

Main Game  
(Any name, preferably TitleID)

## Troubleshooting

- "My app says it's a trial"
  - [Install the "TrialPatch" plugin.](#)
- "DLCs don't work"
  - [Install the "rePatch-reLoaded" plugin.](#)
- "I can't install the decrypted app, VitaShell throws an error"
  - Delete the NPDRM version. If that doesn't work, manually delete the folders with the TitleID of the game in `ux0:app`, `ux0:patch`, `ux0:addcont`, `ux0:appmeta` and reboot.
- "The program doesn't recognize a patch folder"
  - If you are trying to decrypt a single patch without the main app in the structure described above, you'll need to copy the original `work.bin` of the main app ( `app\sce_sys\package\work.bin` ) and place it inside the patch folder: `patchTitleID\sce_sys\package\work.bin` . Additional contents have their own `work.bin` , so you don't need the original one for DLC decryption.
- "Some apps decrypt incorrectly / don't function properly"
  - Open an issue and I'll look into it, some apps are known to cause issues.

## Changelog

---

### v1.0

- Initial release

## TODO

---

- Add proper support for `gdc` apps (e.g. Reader™ [PCSC80012])
- [Make VitaShell's Refresh livearea work on decrypted apps](#)

## Credits

---

- [PSVita DevWiki - Documentation](#)
- [Team Molecule - sceutils](#)
- [motoharu-gosuto - psvpfstools](#)
- [LoopingAudioConverter - GUI base](#)
- [BetterFolderBrowser - Folder Select Dialog](#)