

MedDream PACS Premium functionality Security Fix

Important: The information bellow is important only if you use **MedDream PACS Premium functionality**. Security Fix is not actually for your installation if you use MedDream Viewer only.

Please download <https://www.softneta.com/files/meddreampacs/premium/Fix-v230712.zip>

The security fix is compatible with all versions of MedDream PACS Premium.

Security Fix installation instructions:

Before making changes, please **back up files and folders** you are going to change.

1. For Security reasons it is mandatory to update `originallImage.php` file.

This security fix is compatible with any version of MedDream PACS Premium.

1.1 Find `originallImage.php` in your MedDream PACS Premium installation:

Under Windows (default installation directory: `C:\MDPACS`) it's likely `C:\MDPACS\PACS\php\originallImage.php`.

Under Linux (commonly suggested directory: `/opt/pacsone`) it would be `/opt/pacsone/PACS/php/originallImage.php`.

1.2. Update (replace) `originallImage.php` from this archive to the `PACS/php` directory.

2. For PHP session storage encryption we recommend to add `extension=php_sodium` to `php.ini`.

This security fix is compatible with version 6.8.4 and newer of MedDream PACS Premium (or, with installations using PHP 7.2 and newer).

2.1. Open the PACS web interface (`http://SERVERNAME/Pacs/`) and make sure you're logged out.

2.2. Make sure `php.ini` (`C:\MDPACS\Server\php\php.ini` under Windows, or corresponding system-wide files

under Linux) contains the line

`extension=php_sodium`

and the line

`extension=php_mbstring`

2.3. Under Windows, copy the file `C:\MDPACS\Server\php\libsodium.dll` to `C:\MDPACS\Server\apache\bin\libsodium.dll`.

Under Linux, make sure the "php-sodium" and "php-mbstring" packages, or their equivalents, are installed.

2.4. Restart Apache.

2.5. Remove ONLY `sess_*` files from `C:\MDPACS\Server\tmp`. Some other files (not `sess_*`) can be important for your system configuration.

2.6. Log into the PACS web interface again to test is PACS administration working fine.

