

# Distributed Sales Network version 1.0

This project is a collection of files that implement the distributed sales network on a server. When these files are installed, any Theta network NFT that implements the network specific interfaces will have their functionality displayed.

In the root of the installation, there is a dsn.zip file that contains all the files. The root project file (dsn.json) contains a SHA1 hash of all the files in the project.

## Expected Installation

The files should be extracted into a directory off the website domain. For instance, if the website is <https://myCoolServer.ext>, then it is expected that the user will create a 'dsn' network off this address, so that "https://myCoolServer.ext/dsn" is the location.

## Modifications

It is expected that the person installing this code will also modify the `globalVars()` function with `dsn.php`. This function contains the contract addresses of both the Penny Oracle and the default Gallery.

More importantly, this is where you set the default Website and Agent Ids that is used for minting.

## Custom NFTs

This infrastructure is designed to be included into other custom NFT projects. The idea is that you include the core files like what the `dsn.v1.php` file does.

## Current Features

### Standardized Project Description

This is handled through the `IMetadataV1` interface that it exported from the dsn compatible NFT.

### Standardized Minting

This functionality is part of the `IPayV1` interface that the dsn compatible NFT implements.

### Standardized Access to funds

Also, in the `IPayV1` interface functionality is the ability to withdraw funds for both the owner and the network Agents. If a qualified wallet address visits this code, these sections will be displayed and enabled (with conditions).

### Signing Secure Data Access

Signature verification code is available for custom NFT projects. The current design allows a custom NFT project to request signature verification in order to unlock information stored in a php file.

