ConfigMgr – File and Folder Naming Convention

netECM a comprehensive framework for ConfigMgr consisting of add-ons, best practice documents and service!

Our concept is based on two shares:

- **Development Share:** On this share the package engineers are working. There are all documentations, source files and produced package.
- **Deployment Share:** When an application is checked in to SCCM the produced package is copied without the documentation to the deployment share. The package engineers have no or only read access to this share. This means if an application is registered in SCCM and perhaps deployed we don't modify the application, because this could end in an inconsistent environment. In case of a problem in the application package we create a new package version and update all clients to the new version if needed.

This concept also allows us to have different roles:

- **SCCM Administrator:** Is responsible for registering and deploying (Also pilot deployments) the application to devices.
- **Package Engineer:** Is creating Packages from Source Binaries, testing and documenting them on the development share.

Development Share

Dev_<Site>	Main Folder for the development share. The share name should be \\<sevrername>\Dev_<sitecode>
Application	**Contains all application packages**
<Manufacturer>	For each Manufacturer is on directory generated. For applications which have no manufacturer a folder "Others" could be created.
<Manufacturer>_<Product>_<Version>_<PackageVersion>	For each application, version and package version should be created. netECM:APP can create this folder structure for you.
Deploy	Contains the folders whcih are copied to the deployment share.
<P/V>_<Language>_<Architecture>	For each deployment type one folder is generated. The default deplyoment types could mostly distingushed by the Type(Virtual/Physical), Language or Architecture.
<ConfigurationName>_<P/V>_<Language>_<Architecture>	If there are other deployment types like business unit they could be solved with a configuration name value.
Source	Contains the source files from the installer dvd or download.
Documentation	Contains the Documentation.
Work	This is a copy of the capture directory but with the modifications of the package engineer.
Capture	This directory is only created when the package engineer has to repackage application as an msi. This is allways the unchanged capture of the installation.
Driver	**Conains all driver related files**
Source	
<HardwareManufacturer>_<HardwareModel>_<WinVersion>_<Architecture>_<PackageVersion>	Under this folder is for every driver package in SCCM one folder is generated. If required you can create a subfolder for each OS. This is mostly needed when you support Windows XP. On Windows 7 and Windows 8 the same drivers could be used. In this folder we recommend to save the documentation.
<Category>	As Category we defined these: LAN, WWAN, WLAN, CHIPSET, DISPLAY, CAMERA, SOL, GRAPHIC, RAID, AUDIO, MEI, FIRMWARE, OTHERS All drivers which doesn't match one specify catecory are saved in the OTHERS category.
<DeviceManufacturer>_<DeviceName>_<Version>_<Language>_<Architecture>	For each device there is one forder created which contains all the files. In case of a motherboard there are multiple inf files in the folder otherwise we recommend to have only one driver in a folder.
SoftwarePackage	**Contains tratidional SCCM software packages**
<Category>	As Category we defined these: BIOS, Configuration, Tools, Scripts
<Manufacturer>_<Name>_<Language>_<Architecture>_<PackageVersion>	For each package and package version there is on folder. If the script doesn't have a manufacturer, you could use "Customer" as manufacturer.
ApplicationToPackage	This folder provides a location where a package could be saved until the package engineer creates the definive folders.

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