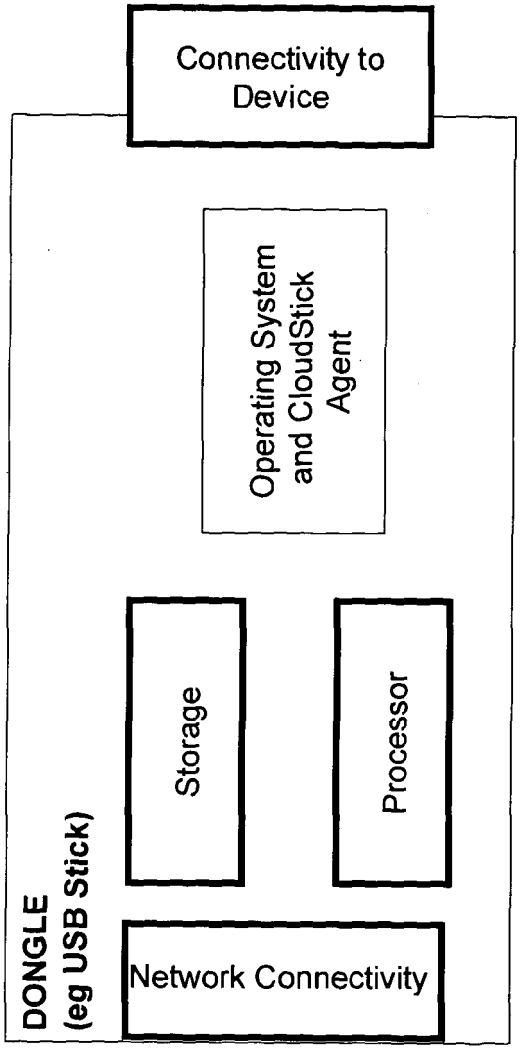

Connectivity to Device
Operating System and CloudStick Agent
Storage
Processor
Network Connectivity
DONGLE (eg USB Stick)

Figure 1

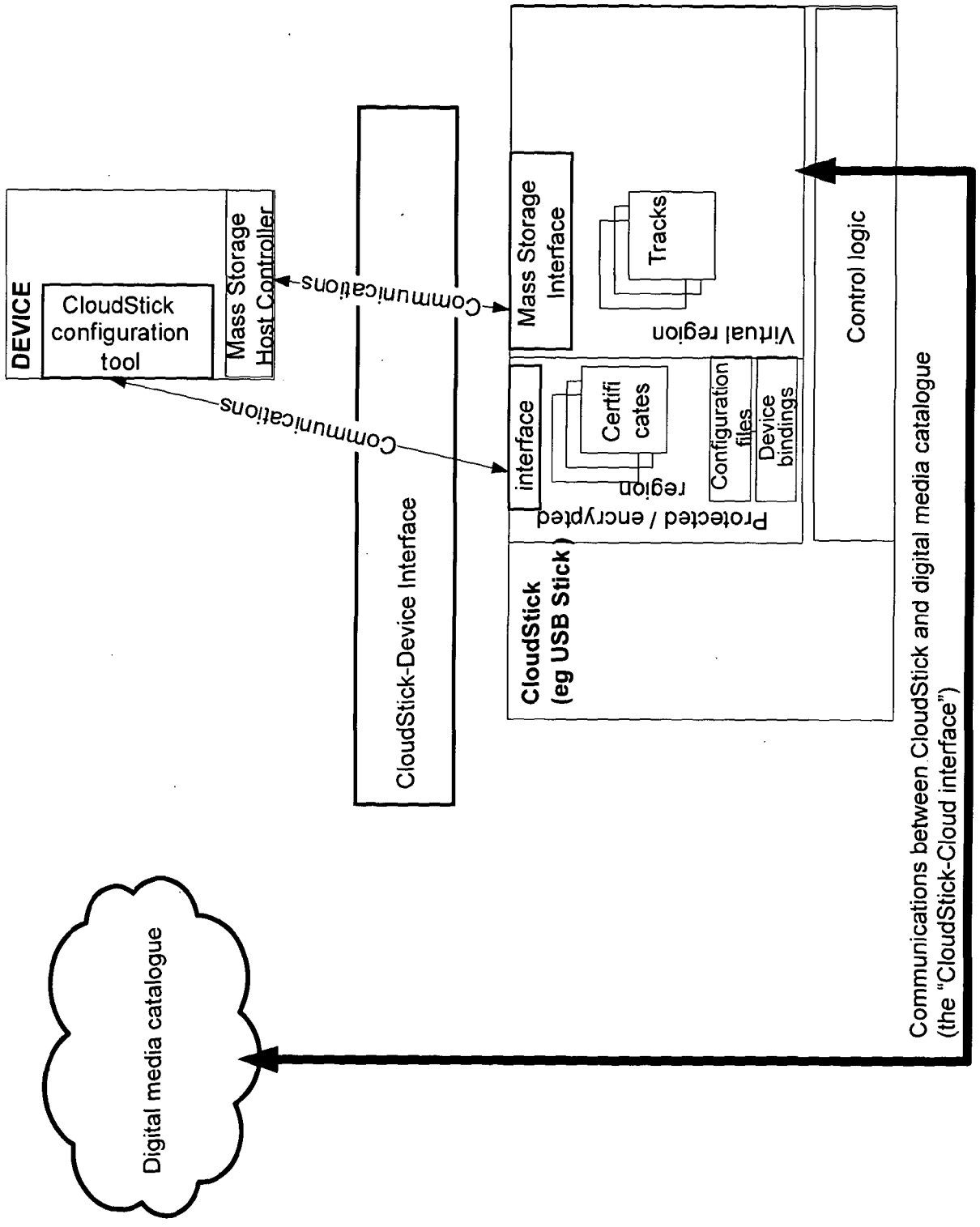

DEVICE
CloudStick configuration tool
Mass Storage Host Controller
Communications
Communications
CloudStick-Device Interface
CloudStick (eg USB Stick)
Mass Storage Interface
interface
Tracks
Virtual region
Certifi cates
Configuration files
Device bindings
region
Protected / encrypted
Control logic
Digital media catalogue
Communications between CloudStick and digital media catalogue (the "CloudStick-Cloud interface")

Figure 2

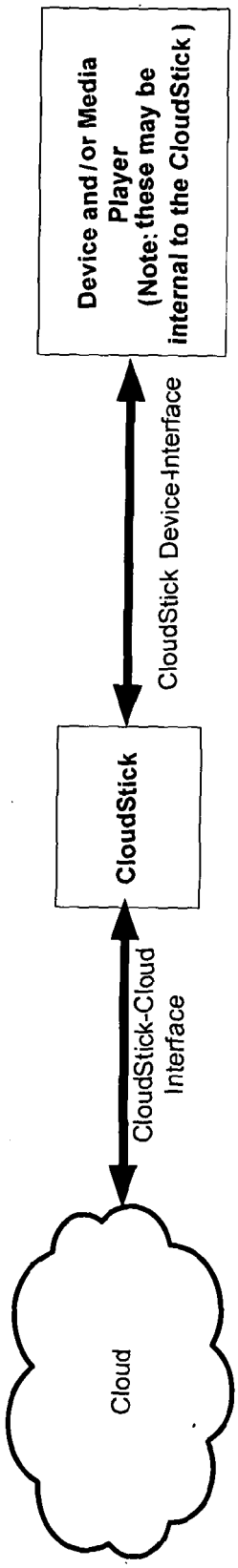

Device and/or Media Player (Note: these may be internal to the CloudStick)
CloudStick Device-Interface
CloudStick
CloudStick-Cloud Interface
Cloud

Figure 3

DOS command line programs
Windows Explorer
DOS Batch Script
Browser
Web server hosted web pages
PHP / WAMP
JSP / App Server
ASP / IIS
Web server hosted app/script
PHP
C/C++
Python
Java
.NET
DIR
TREE
COPY
MOVE
...
Shell operations: Drag and drop, copying multiple moving multiple
Batching commands to fulfill more complex usecases. Finding all files in a certain path after certain date and copy into file system
Direct with file:\\ schema
Appropriate file access for the specific web server technology
Appropriate file access for the specific web language
File open, file close, file read, file write
WarpFS
File system containing user's library objects – tracks, albums, artists or playlists in library. Presented as file/directory based objects.
Meta data attached to objects presented to application solely through file objects.
Hide the track matching and cloud synchronisation.
Contains caching for offline playback.
Progressive playback/download of files to cache for offline playback.
DRM Metering
Searching with 30 second playback for searched objects.
Unlimited playback of library objects.
Comms
Cloud

Figure 4