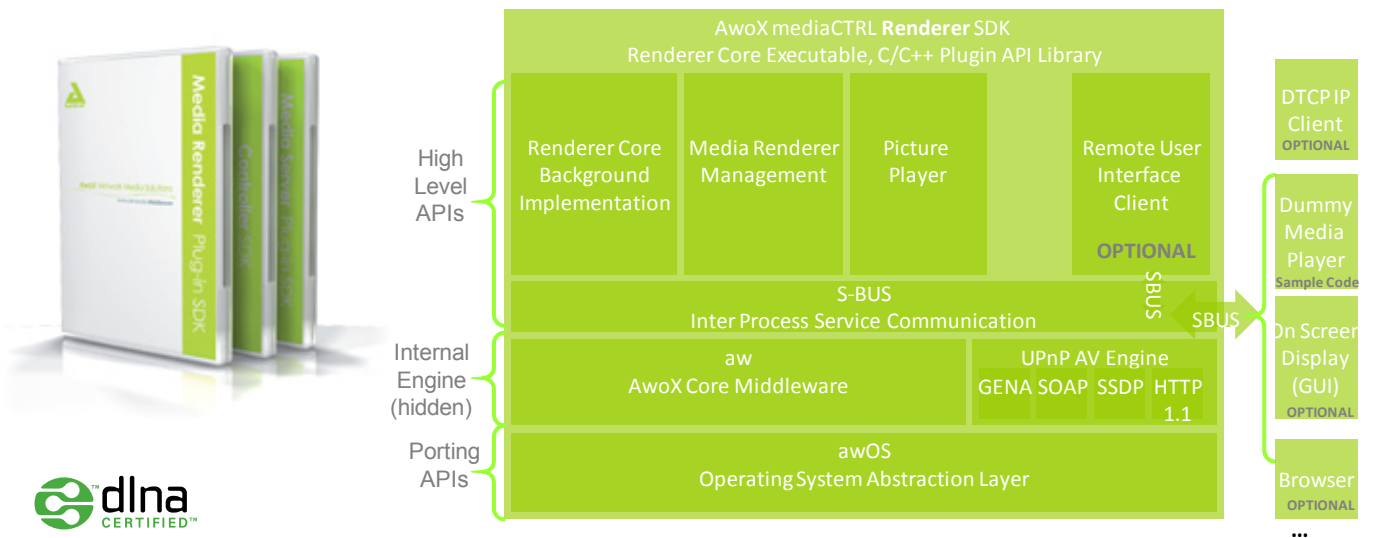


# AwoX Renderer SDK



## Extend your display's rendering capabilities

Whatever kind of media playback device you are designing, from television sets to set-top boxes to stereo systems and more, AwoX Media Render Plug-in SDK gives you both the ability to play network content and to extend rendering to other sources, such as IPTV services. To ensure industry-wide compatibility, the AwoX Media Renderer Plug-in SDK is fully compliant with the DMR profile (defined by DLNA August 2009 guidelines) and UPnP AV 1.1. AwoX Renderer SDK powers **AwoX reference device used by DLNA for certification of interoperability.**

### Features

- > Provide a high-level C++ API to extend the capabilities of your renderer to support IPTV services, DVD playback, Internet Web pages or any other specific media source.
- > Built-in mechanism for link protection implemented for Windows Media DRM10 network devices for receiver.
- > Handles maintenance and updates for all UPnP state variables: current URI, play time, play state, metadata, etc.
- > Supports all standard trick modes.
- > Provides HTTP and RTP sink streaming.
- > Includes a picture display plug-in that handles most image formats, as well as an extension to support rotation and zoom.
- > Allows easy integration with target platform's native rendering capabilities, such as DirectShow and OpenGL.
- > Built-in mechanism to customize on-screen display.
- > Written in ANSI C++ using POSIX API. Portable to all compliant real-time operating systems.

### Services

AwoX offers additional support options and integration services to help you get the most out of your multimedia tools. Our experience developing connected applications will help you bring your products to market quickly. Customization possibilities include porting our software to additional platforms, adding new features or support for new media types and developing turn-key solutions.

### Benefits

- > Reuse your development across platforms: Develop your application under Windows / x86 or Linux / x86 and port it later to the embedded target.
- > Rely on a proven solution, regularly updated to DLNA standard evolution.
- > Boost your productivity thanks to modular plug-in architecture, diagnostic utilities, support and tutorials.
- > Implement a DLNA AV solution on low footprint devices.

### Package Contents

#### CORE

- > AwoX UPnP Media Renderer binary executable for your target
- > Static and dynamic libraries for your target, including Media Renderer Plugin library, OSD module library and Control Point plug-in library
- > Makefiles & build environment for your target and host environment

#### TOOLS

- > UPnP Tester: for controlling devices and automating tests
- > UPnP Logger: for viewing UPnP network activity

#### DOCUMENTATION & SUPPORT

- > Sample codes
- > Tutorials
- > Complete API documentation
- > Training and support