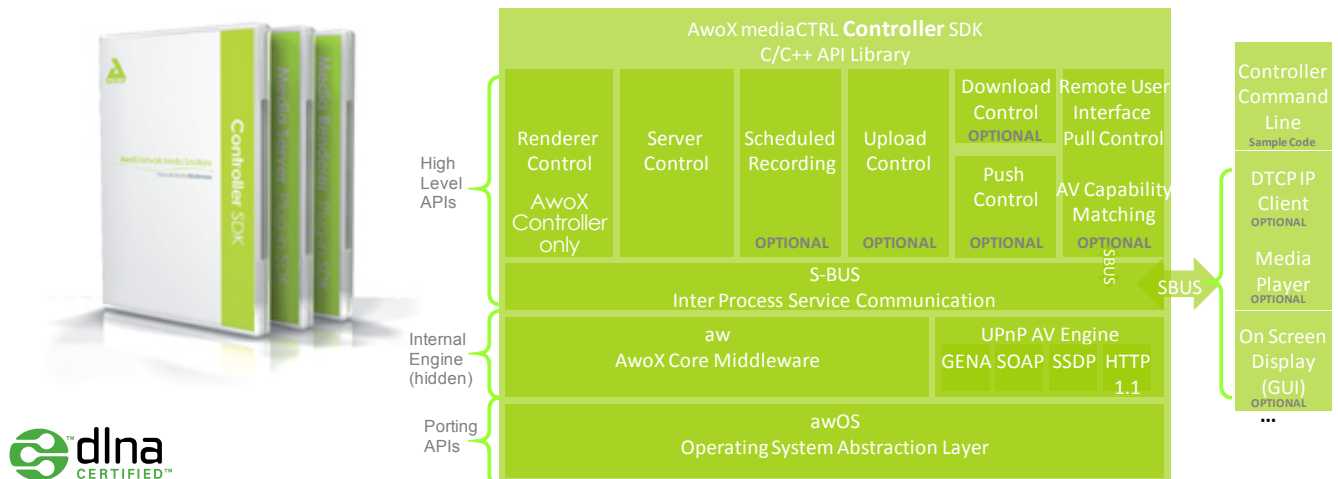


AwoX Controller & Player SDKs



Controlling your media

Whether you are designing multimedia applications for a set-top box, mobile phone or some other kind of media device, the **AwoX Controller SDK** gives you all the tools you need to discover and control the servers and renderers available on the network. **AwoX Player SDK** is a subset of AwoX Controller SDK allowing you to implement a DLNA DMP profile. Its architecture is designed to be integrated within any user interface framework, from a Web browser to an LCD screen. To ensure industry-wide compatibility, the AwoX Controller SDK is fully compliant with the DMC profile (defined by DLNA August 2009 guidelines) and with the UPnP AV 1.1 Control Point profile.

AwoX Controller SDK powers **AwoX reference device used by DLNA for certification of interoperability.**

Features

- > Complies with UPnP A/V Control Point 1.1 standard, DLNA DMC and DMP profile.
- > Seamless support for the following server controls:
 - Server discovery and removal
 - Event subscription and management
 - Update of state variables
 - Best media selection
 - Efficient media browsing according to renderer capabilities
- > Seamless support for the following renderer controls: (AwoX Controller only)
 - Renderer discovery and removal
 - Playback and sound control
 - Parental control
 - Trick mode
 - Simple mechanism to share screen display with a media renderer
- > Application Programming Interface (API) for C/C++
- > Ready for JavaScript or ActionScript marshalling for integration into HTML browsers and Flash players
- > Written in ANSI C++ using POSIX API, portable to numerous RTOS

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

- > Develop any kind of multimedia interface quickly and easily, from command line to 3-D graphical interfaces.
- > No UPnP knowledge required; our well-documented API abstracts away the difficulties of protocol-related issues.
- > An industry proven solution, updated regularly to comply with evolutions in the DLNA standard.
- > Increased productivity thanks to diagnostic utilities, support and tutorials.
- > Implement a DLNA Control Point on small- footprint devices easily.
- > Reuse your development across platforms: start by developing applications in Windows / x86 or Linux / x86, then port them to embedded targets effortlessly.

Package Contents

CORE

- > AwoX UPnP A/V Controller or Player static and dynamic libraries for your target platform
- > Project files and build tools for your target platform and host environment

TOOLS

- > UPnP Logger for tracing UPnP network activity
- > UPnPTester to automate UPnP tests

DOCUMENTATION & SUPPORT

- > Sample Control Point code: UPnP Tester source code with comments
- > Tutorial
- > Complete API documentation
- > Training and support