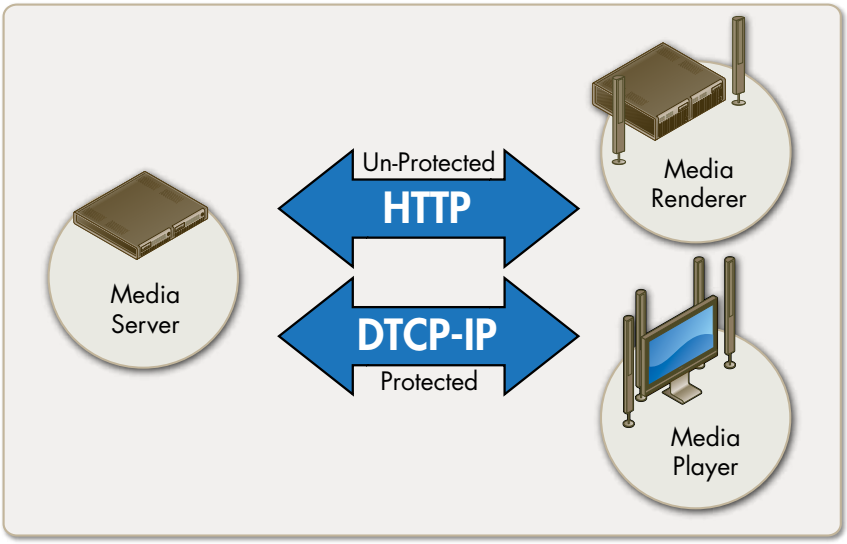
RomPlug DTCP-IP™

UPnP®/DLNA® Link Protection Toolkit



Allegro's RomPlug DTCP-IP toolkit offers your engineering team the ability to easily integrate link protection into state of the art UPnP and DLNA enabled consumer electronics and mobile devices. Allegro's RomPlug DTCP-IP toolkit is a fully compliant implementation of DTCP-IP as specified by the DTLA and is routinely qualified at ongoing industry interoperability plug fests.

RomPlug DTCP Benefits

- Fully compliant DTCP-IP implementation as specified by DTLA
- Designed for embedded consumer devices
- Interoperability routinely qualified at DLNA plug fests
- Provide DTCP Source services for Media Servers
- Provide DTCP Sink services for Media Players and Media Renderers
- Can be utilized standalone or fully integrated with RomPlug UPnP/DLNA product family
- Simple development model
- Small RAM/ROM footprint
- Highly portable via field proven abstraction layer (Hardware, RTOS and TCP/IP stack)
- Interface files for leading RTOS vendors provided
- ANSI-C source distribution
- Toolkits provide full software capabilities to achieve DLNA link protection certification

RomPlug DTCP-IP

The Digital Transmission Licensing Administrator (DTLA) was founded by Hitachi, Ltd., Intel Corporation, Sony Corporation, Toshiba Corporation and Matsushita Electric Industrial Co. Ltd. to build an industry standards based interoperable digital rights management design that could be used by manufacturers of consumer devices. The standard defines the encryption, key exchange and authentication or repudiation of devices that may be compromised. The technology has been endorsed by over 140 consumer companies in addition to all major high value content providers. The licensing of the technology is governed by the DTLA. Allegro's RomPlug DTCP-IP is a fully compliant implementation of DTCP-IP for use in embedded environments. Used stand alone or tightly integrated with the entire RomPlug UPnP/DLNA product line, the RomPlug DTCP-IP toolkit delivers a robust implementation of DTCP-IP link protection technology for protected digital media file streaming. Delivered as ANSI-C source code, the embedded technology is built upon a highly portable and field proven abstraction layer enabling it to work with any OS or TCP/IP stack.

The license signed by Allegro with the DTLA prohibits disclosure of technical details regarding rights management design except those already in the public domain. Complete disclosure is only available to companies that have signed a license agreement with DTLA (www.dtcp.com).

Allegro Software Development Corporation
1740 Massachusetts Avenue
Boxborough, Massachusetts
01719

+1 (978) 264-6600
www.allegrosoft.com