

Streaming Set-Top-Box

Digital HAVi/IP Receiver & Controller
For Home Networks



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The Home Network Dilemma:

- Home is the realm of audio-video devices. The IEEE1394 technology offers more comfort and entertainment to the consumer
- PC penetration is growing, opening a window to the world via Internet
- But PC and AV networks are still separated and complex to install and to administrate for a consumer

**Communication between both worlds
is now possible with the Streaming Set-Top-Box**



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General Description

- Digital Home Network box for receiving IP and IEEE1394 streams
- Full HAVi FAV software stack implementation
- Full IP software stack implementation
- DVB-IPI compliance
- HAVi-UPnP gateway functionality

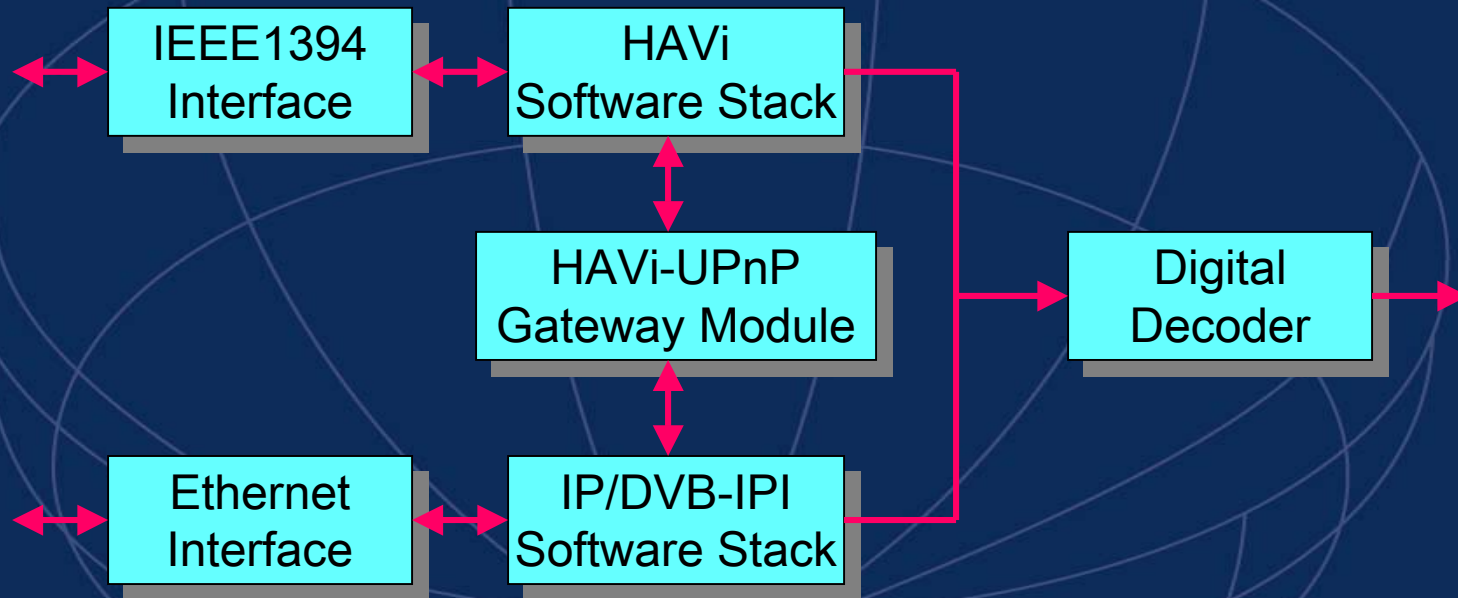
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System Architecture



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Applications

- HAVi Section:
 - Network device recognition & control
 - Level-2 user interface, i.e. future proof
 - Full AV capability
 - MPEG-2 display controller
- IP Section:
 - Internet browsing
 - Receiving of DVB-IPi streams



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HAVi-UPnP Gateway Functionality

- Full recognition and control of any HAVi device from any UPnP control point
- Full recognition and control of any UPnP device from any HAVi controller
- Streaming of AV content (MPEG-2 Transport Streams) from UPnP to HAVi network and vice versa



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