

ANT Galio Client

...delivering tomorrow's multimedia services, today

ANT Galio™ Client provides an advanced control and management framework for media devices making the ANT Galio Suite the first choice when deploying today's visually rich and highly interactive multimedia services, whatever the application or TV environment.

By simplifying access to all types of media resources, ANT Galio Client enables Operators and Service Providers to deploy new applications or services rapidly, safe in the knowledge that they will work on any device using the ANT Galio framework.



ANT Galio Suite

The ANT Galio Suite has been developed to provide network operators, content providers and middleware developers with a state of the art environment for the development and delivery of multimedia services, across all consumer devices.

The ANT Galio Suite is built on a powerful platform consisting of a standards based, TV optimised, browser and presentation engine integrated with a unique middleware client, which together support a wide range of HTML based applications and services across a variety of consumer and media devices in all TV environments.

■ OPEN, STANDARDS-BASED FRAMEWORK

- Rich Media Access Interface (RMAI) – open JavaScript APIs to manage media, data and device functionality
- Focus on producing dynamic, visually exciting multimedia services
- Build applications in HTML, CSS and JavaScript, accessing and controlling media and data through a consistent, common interface

■ FAST, EFFICIENT AND EXTENSIBLE

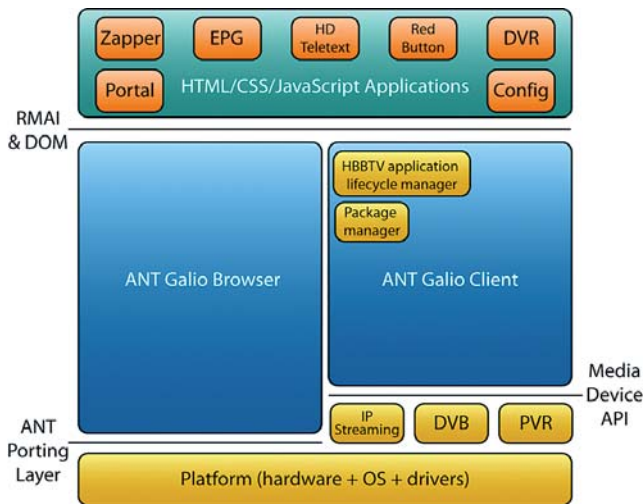
- Essential infrastructure in native code ensures responsive and memory efficient operation of multimedia services, such as sorting or searching of data within an electronic program guide (EPG)
- Generic APIs ensure applications are flexible and portable, handling media data in the same way regardless of format or source
- Applications can be deployed across multiple platforms, using available hardware resources to deliver a service, across multiple environments

■ ACCESS TO WHAT YOU WANT, WHEN YOU NEED IT, WHEREVER IT MIGHT BE

- APIs designed to seamlessly support future service extensions; multi-room capability, home networking, application download, or content distribution forms such as peer-to-peer distribution
- Background download and caching of EPG information and other data improving response times, preventing network overload and enabling advanced search options and scalability for high volume deployments.

Users don't care where their content is coming from, so why should applications?





■ ANT GALIO SUITE MODULAR ARCHITECTURE

ANT Galio Client and Browser are fundamental elements of the ANT Galio Suite, a complete software suite enabling Network Operators, content developers and STB manufacturers to provide rich and dynamic multimedia services across a range of devices and a variety of media resources. Employing open, standardised interfaces and optimised native code, ANT Galio Client ensures that services can be developed rapidly and deployed with a consistent look and feel regardless of the device or the TV environment, either IPTV or hybrid.



■ FEATURES OVERVIEW

ANT Galio Client Framework

The ANT Galio Client is at the heart of the Galio Suite providing the control behind the applications and services to deliver dynamic multimedia experience across multiple devices. It improves performance and efficiency of essential system services for a digital TV or home media platform, by moving the majority of data processing from Javascript into native code. As a result, Javascript is used to set the policies for specific tasks rather than being used to build the implementation, thereby significantly reducing the amount of code needed.

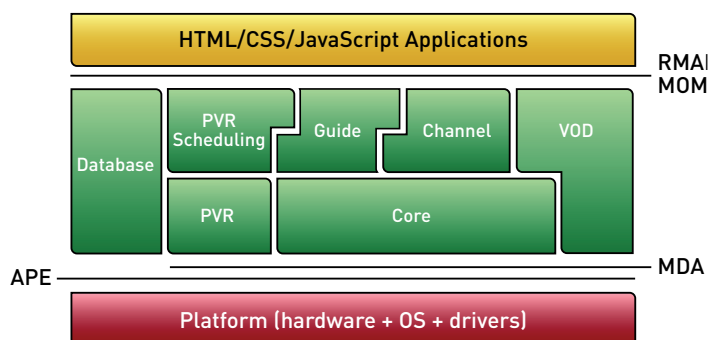
Media Device Control & Management

The ANT Galio Client provides a media device with control and management for IPTV, DVB, VOD or PVR functions, enabling applications to use standard functions regardless of the source of the data, the type of hardware, or even which ANT Galio enabled device in a network contains the resource, enabling the application designer to focus on the user-experience rather than the technology involved, and the user to enjoy the media and television services available to them.

All applications and services are developed using recognised web languages such as HTML, CSS and Javascript to implement the user interface. The ANT Galio Client implements the Javascript APIs presented by the Rich Media Access Interface and communicates with the hardware via ANT's Media Device API.

Rich Media Access Interface (RMAI)

The RMAI, an open, modular API designed to reduce application complexity, provides an interface using high-level TV concepts to deliver media services, whilst exploiting the power and flexibility



of Web standards. RMAI provides the link between the high level elements of the User Interface and the performance optimised native code of the ANT Galio Client. Optional modules include additional support for VOD and PVR solutions, across DVB, HbbTV or OIPF environments, as well as download and management of applications (APE).

Porting Environment

The Media Device API (MDA) and ANT Portability Environment provide an interface between the ANT Galio Client and the underlying platform. Together they offer a pluggable driver model allowing features to be added without requiring changes in the ANT Galio Client libraries. This offers a practical and cost-effective solution for rapidly porting and optimising the ANT Galio Suite across multiple platforms and environments.

For further information, please visit www.antplc.com or email info@antplc.com



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