



Interactive Digital Television is paving the way for exciting new services and sources of revenue. The industry is migrating towards standards-based platforms, including OCAP™, ETV, tru2way™ and DVB-MHP. We understand the challenges you face defining your next-generation systems while trying to maximize the capabilities of your existing infrastructure. Vidiom's engineering services team has the experience and expertise to support your migration from legacy to standards-compliant iTV platforms.

Engineering Services for any iTV Project

Vidiom's engineering team provides end-to-end software solutions for MSOs, CE manufacturers, content providers and companies focused on iTV technology. Our expertise includes systems engineering, porting, application development, integration, consulting and testing. We can provide experienced professionals to supplement your existing software development organization or an entire team to turnkey larger projects.

Software Engineering & Consulting

Vidiom has expert knowledge of digital television set-top box architectures and headend infrastructure. Our engineering services team specializes in:

- Software architecture and design for client and headed systems
- Native platform and middleware porting to standards-based libraries/packages
- System porting
- RTOS development and enhancement
- Platform debugging and tuning
- Embedded graphics subsystems
- Embedded Java, including JVM porting and optimization
- OCAP and DVB-MHP implementations
- Carousel and application server development, including application signaling and hosting
- Monitor application implementations and development
- Program and project management
- Standards representation
- Network migration

Application Development

Vidiom has experience writing applications for many popular iTV platforms, including PowerTV, OpenTV, DVB-MHP, ETV (EBIF) and OCAP. Our application services team specializes in:

- Creative direction project management
- Application design and development
- Content migration to iTV platforms
- Graphics development
- User interface component development and testing

Testing

Vidiom can help you integrate and test your digital television software components, regardless of where they were developed, into a coordinated system that is reliable and functional. Our testing services team specializes in:

- Test plan development and execution
- Platform unit testing
- Performance testing
- Application testing
- Turnkey testing
- Custom test development
- CableLabs certification assistance

Vidiom can provide resources to assist your engineering group or an entire team to turnkey your iTV project.



vidiomsystems™

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