

ICS Releases Open Source Media Manager for IVI Systems at GENIVI All Member Meeting

For Immediate Release

Bedford, MA USA — April 26, 2016 — Integrated Computer Solutions, Inc. (ICS), a global provider of In-Vehicle-Infotainment (IVI) and In-Flight-Entertainment (IFE) solutions, is proud to be a sponsor of the 14th GENIVI All Member Meeting April 26-29, 2016 in Paris, France. GENIVI is a not-for-profit industry alliance committed to driving the broad adoption of specified, open source, In-Vehicle Infotainment software. ICS is contributing its open source Media Manager software for building an IVI system, teaching an innovative hands-on workshop on IVI development at the meeting, and demoing their latest IVI concept at the member showcase and reception.

ICS's Media Manager software addresses a particular vexing issue facing all developers of contemporary IVI systems, dealing with the numerous and varied sources of media. Any media entering the car such as music, video, audiobooks, etc. will need to be indexed and cataloged to be delivered easily to the car's occupants.

Leveraging ICS's vast experience in building infotainment systems, the Media Manager provides a well architected middleware solution that serves as the foundation for a full IVI system and can serve as a component of the GENIVI reference implementation. OEMs and Tier 1 providers are invited to evaluate the code for incorporation into custom IVI solutions. The Media Manager is described in more detail in this [series of blogs](#) on the ICS website.

In addition to offering the Media Manager code for download to GENIVI members, ICS will also teach a workshop for optimized development of touch-enabled displays in vehicles. *Developing User Interfaces on GDP* will walk participants through the steps to creating a touch development environment for the GENIVI Demo Platform (GDP). Participants will learn tips and tricks to improve their interface designs and extract the highest graphics performance from any given hardware. The workshop will be held twice with different SoC (System on a Chip) development platforms and touchscreens: one workshop will use the Renesas-Porter automotive development board, and the other will use the Raspberry Pi.

Finally, ICS will be demoing its latest IVI concept for the GENIVI Demo Platform (GDP) featuring ICS's innovative central Media Manager. Originally built for Intel and its In Vehicle Infotainment platform, the Media Manager maintains a wide range of content sources and a variety of media players. The media player human-machine interface (HMI) being shown runs on top of the Yocto-based GDP stack on an Intel based MinnowMax reference board. It is integrated with ICS's new multi-display ViewPoint server, which allows for rapid prototyping of driving simulations, head-up displays, digital clusters and video with multimedia prototypes for automotive systems.

"We're thrilled to be supporting the GENIVI Alliance with these various initiatives," says Peter Winston, CEO of ICS, "We hope that by contributing the Media Manager code and, through the workshops, sharing what we've learned in developing other IVI systems, we can accelerate development for the entire community."

About ICS

Integrated Computer Solutions, (ICS) provides custom software development and user experience design for touchscreen, embedded, mobile and desktop applications for leading companies worldwide. We blend the art of visual design and agile engineering to help our clients develop successful products. Visit us at <http://www.ics.com/ivi>.

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