

For Immediate Release

## **Human Circuit Chosen as Media Integrator for ATF Fire Research Lab's Technology HD Upgrade Initiative**

Site Relocation and Consolidation Scheduled for June, 2012

**GAITHERSBURG, MD., May 21, 2012** -- **Human Circuit, Inc.** announced today that it will begin a new, High Definition (HD) upgrade initiative at the ATF Fire Research Lab in Beltsville, Maryland. This project represents an ongoing appreciation for Human Circuit's long-standing reputation for service and quality – ATF has called upon their engineers to design media integration systems since 2004.

Bruce Kaufmann, President and CEO of Human Circuit stated, "Sustained relationships and mutual appreciation is what we have here; ATF has been a client for over eight years and they appreciate our approach to solving problems. As technology evolves, they call on us to suggest and implement the use of state-of-the-art integration products and to create strategies for best utilizing funding and financial appropriations".

Human Circuit will provide designs for a robust and scalable HD capable platform that can be expanded in the future. Jim Hatcher, Chief Technology Officer at Human Circuit said, "Our challenge was to streamline their system without jeopardizing quality. ATF needed to minimize down time so we presented a creative and very aggressive project and production schedule. They'll have their new lab up and running in less than a month"

Being budget sensitive, Human Circuit engineers devised a way to use the existing system – a combination of Pesa and Omneon's Spectrum SD-SDI. They will install new media components from Evertz (EMR routers and multiviewers) and Harmonic media ports (Media Deck 7000) and an HTML control system via Evertz Magnum EMR Router. Videos from their test lab's burn room cameras, and data collected from probes within the fire area, get converted and sent to multi-view display screens. It was reported by Human Circuit's engineers that these equipment manufactures worked diligently to help provide the best possible equipment in a cost effective way. This effort successfully met the specific needs and financial goals of the client.

This new integration is scheduled for completion this summer.

### **About Human Circuit**

Human Circuit is a 46-year-old company of proven creative thinkers and engineers who are dedicated to providing vital media integration solutions to clients in need of advanced video, audio, data and control systems used in communications, training, broadcast, streaming, and

video on demand and presentation applications. With a video and IT-centric engineering core, Human Circuit designs and architects intuitive solutions that are aligned with a company's business objectives, anticipated growth and end-user needs.

Our extensive portfolio includes work for federal and state government entities, broadcast and television production studios, command and control centers, training facilities, distance learning centers, corporations and professional organizations, institutions of higher learning, medical and healthcare facilities and entertainment and sports venues. Please visit [www.humancircuit.com](http://www.humancircuit.com) for more information.

### **About the Fire Research Laboratory (FRL)**

As a part of the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), FRL is an investigative agency within the United States Department of Justice. Located in Beltsville, Maryland, the FRL is an innovative partnership among law enforcement, fire services, public safety agencies, academia and the private sector that uses the most advanced scientific, technical, educational, and training methods to make the ATF and its partners, leaders in fire investigation science to serve and protect the public.

The Fire Research Laboratory does the following:

- Conducts scientific research that validates fire scene indicators and improves fire scene reconstruction and fire evidence analysis
- Supports fire and arson investigations and the resolution of fire related crimes
- Develops improved investigative and prosecution procedures using scientifically validated methods that integrate the assets of the ATF and its partners to enhance fire investigation personnel expertise
- Establishes a central repository for fire investigative research data that will be disseminated throughout the fire investigation community
- Develops an internationally recognized research and education center for the advancement of knowledge, technology transfer and case support related to fire cause investigation and fire scene reconstruction

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