

## **Human Circuit Completes Town of Vienna's Council Chambers and Live Cable TV Broadcasting Project**

*Carefully Selected Technology, Including Digital and High Definition Audio Visual Systems for Presentation, Audio Conferencing, Web Streaming and Broadcast, Creates Simplicity, Ease-of-Use and an Updated Look for Council Chambers.*

Gaithersburg, MD ([PRWEB](#)) November 11, 2013 -- Human Circuit announced today the completion of their Town Council Chambers and Live Cable TV Broadcasting Project for The Town of Vienna, located in the Virginia suburbs of the Washington, DC Metro Area. Human Circuit was asked to help the Town of Vienna develop a plan to outfit the Town Council Chambers with an integrated HD audiovisual and broadcast system allowing council meetings – along with other events and meetings held in the chambers – to be transmitted live on the town's cable channel and streamed onto their website. The goal was to help the Town of Vienna's staff to be both time and cost efficient, and to more easily control all audiovisual and broadcasting functions with intuitive and versatile technology.

Human Circuit worked directly with the customer to create designs that addressed the specific business and operational issues of the Town of Vienna and their personnel. Technology was very carefully selected for all technical disciplines including digital and high definition audiovisual systems for presentation, audio conferencing, web streaming and broadcast.

Kristyn Barr, Public Information Officer for the Town of Vienna stated; “This was the best, fastest and most fun phase of what has been a two year project. I was impressed with the speed of Human Circuit's team – they researched and presented different options for the system design, ordered and installed equipment (installation of the entire system took only three weeks) and trained us – all in four months – start to finish. We handed them some very ambitious time constraints; they worked around our broadcasting schedule so that no time was lost... and they delivered right on time”. For more information on the Town of Vienna's Community Network (TVCN) visit [www.viennava.gov](http://www.viennava.gov)

The three issues that the project addressed:

**Presentation** – A digital signal routing system to 6 HD displays within the room provides the audience and council with the ability to digitally view materials during council and planning commission meetings, which in the past were photocopied and handed out as meeting notes. In the future, the council plans to present digitally from tablets, an HD document camera, and laptop inputs. The Presentation system is controlled via an intuitive and easy-to-use control interface on two dedicated tablets. Microphone adjustments and presentation source routing are all handled on these user interfaces.

**Production** – 4 new wall mounted HD PTZ (Pan Tilt Zoom) cameras were installed within the chamber and are controlled via a touch screen enabled production switcher. Switching between cameras and room sources for On-Air and streamed viewing can easily be accomplished with a couple of taps on the screen.

**Master Control** –The final output of the production system is processed into a frame synchronizer in the Master Control rack which combines the analog audio and native HD video and outputs with an embedded down converted signal for use with the local cable providers. When these providers switch to HD the Town of Vienna will be able to transmit their signal at full resolution without the need to change any equipment. They are now HD Ready!

Bruce Kaufmann, President and CEO of Human Circuit said; “This opportunity with the Town of Vienna falls into our long line of successful projects with neighboring municipalities. We love that we can help our local community governments enhance the commitment to keep their citizens well informed. Being able to work at a grass roots level like this is a special source of pride for Human Circuit”.

#### About Human Circuit

Since 1965, Human Circuit has been a company of proven creative thinkers who are dedicated to providing vital technology integration solutions to clients in need of advanced video, audio, data and control systems for use in communications, training, broadcast, streaming, video on demand and presentation applications. With an engineering- and IT-centric core, Human Circuit designs and architects intuitive solutions that are aligned with a company's business objectives, anticipated growth and user needs.

Human Circuit enjoys a reputation as one of the top integrators in this industry due to several factors which include; longevity in the business and the experience that this 47 year history brings. They bridge the difficult gap between those who produce technology and those who need to use it.

Their 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)