



D'San Corporation
142 Mineola Avenue, Roslyn Heights, NY 11577
Tel: 516- 625-5608 Fax: 516 625-0878
Email: info@dsan.com

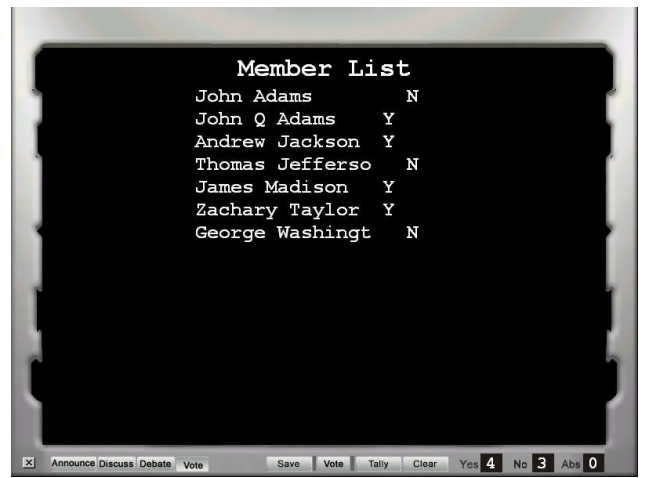
Electronic Voting / Meeting Management System Display Options

City council meetings are sometimes broadcast over a cable TV channel or streamed over the Internet. Some customers have already devised ways of displaying the voting results. Here are some ways it can be done.

When the clerk clicks the Display View button (1), a clean, full-screen image appears (shown at the bottom).

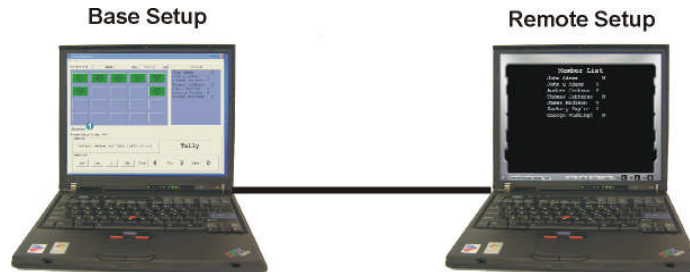
If the Deliberator application is running on a desktop computer, it is possible to install a second video card (about \$150) to provide two different outputs. One output would display the control view (top) and the second output would display the full-screen view (bottom). This second output, may be displayed on a large flat screen LCD monitor or it can be projected.

This second output is easily converted to a TV signal by any number of consumer-friendly devices costing between \$100 to \$200. (See <http://store.yahoo.com/aitech/newproducts.html> for examples). The TV signal can be fed into a broadcast transmission.



More...

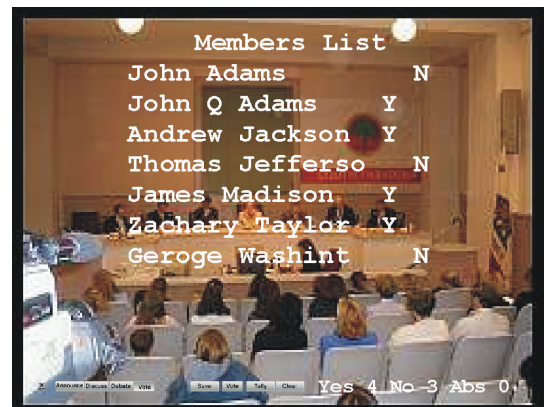
If the Deliberator is operated on a Laptop computer, it would not be possible to install a second video card. In this case, a second computer (possibly located in the broadcast studio) can be loaded with Deliberator software and designated as a "Remote" client in the setup menu. The two computers can be connected over a wireless network or via an in-house LAN. The output of this second computer can be converted to an NTSC signal as above and added to the broadcast feed.



The black background with the silver border that is shown in the bottom screen shot on the previous page is a bitmap file that is supplied with the Deliberator setup program. This file can be replaced with one created by the user. The bitmap can contain the logo of the city council or any other design that you create.

It is also possible to use a blank bitmap file filled with a single color as shown at the right. If the resulting computer output is converted to a TV signal, this background color can be set to be "transparent." When this video output is combined with an image of the city council received from a TV camera, the voting results will appear as white letters over that TV image. The combined image will resemble the scores overlaid on a football game broadcast.

No formatting is possible. The Deliberator uses Courier font because it is always supplied with Windows computers.



D'San has considered building a "black box" that would extract the text information from the data stream contained in the video signal. A TV broadcast editor could feed this information into a title generator such as one made by <http://www.chyron.com> or others, and format or position the information as he likes. This could look very professional. Because we are building hardware, development time and costs would be more substantial.

This picture shows the voting screen projected for visitors to the City Council of Mansfield, TX.

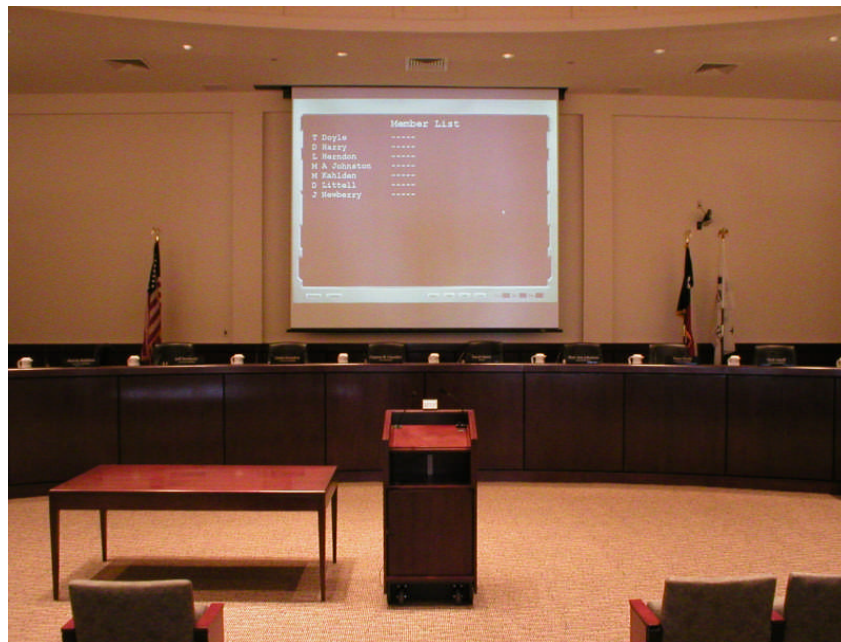


Photo: Courtesy of City of Mansfield, Texas. September 2003

This shows a set up using three control computers linked over a LAN.

**Indian River
School Board
1/3/05**

