

U.S. DISTRICT COURT
N.D. OF N.Y.
FILED

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF NEW YORK

DEC 28 2007

ROBERT L. SCHULZ, et al.,)
)
 Plaintiffs,)
)
)
 STATE OF NEW YORK, et al.,)
)
 Defendants,)

LAWRENCE K. BAERMAN, CLERK
ALBANY

No. 07-cv-0943
LEK-DRH

DECLARATION IN SUPPORT OF ORDER TO SHOW CAUSE
BY ROBERT L. SCHULZ

Robert L. Schulz, under penalty of perjury, declares:

1. I am a party in the matter captioned above and I make this affidavit in support of Plaintiffs' motion for relief against Iowa Defendants.
2. In this affidavit I will provide information about the upcoming Iowa Caucus. The source of most of the information was the websites of the Iowa Republican and Democrat Parties.
3. On the evening of January 3, 2008, residents of Iowa who will be eligible to vote for President of the United States in the 2008 General Election, and are registered as Democrats will be free to participate in one of the approximately 1900 Democrat caucuses; those registered as Republicans will be free to participate in one of the approximately 1900 Republican caucuses.
4. The January 3, 2008 Iowa caucuses will be held in a variety of public and private facilities, including public schools, churches and residences.
5. The Iowa State Democrat Party and the Iowa State Republican Party have decided not to use machines or computers to record the vote of the voters participating in the Caucus; all participants will put their mark/vote on paper.
6. The caucus/precinct captains will have the votes counted in full public view at each caucus location and will have the final tally publicly announced at each caucus location immediately following the count.
7. It is common knowledge that an early order of business in each Democrat and Republican precinct caucus in Iowa is a count of the candidate preferences of the attendees.

8. It is also common knowledge that following the one-person, one-vote procedure, each Democrat and Republican precinct caucus goes on to choose delegates to county conventions.
9. The one-person, one-vote results from each Democrat caucus is snail-mailed to party headquarters, placed in a data base, and **never disclosed to the press** or made available for inspection. See Exhibit A, "Iowa's Undemocratic Caucuses," an Op-Ed piece published in the NY Times on December 18, 2007 by Gilbert Cranberg (former editor of the editorial page of the Des Moines Register), Herb Strentz (former executive secretary of Iowa's Freedom of Information Council), and Glenn Roberts (former director of research for the Register).
10. The one-person, one-vote results from each Republican caucus are similarly transmitted to party headquarters, but upon evidence and information, it is clear that the Republican Party as well **does not plan to publicly release precinct/caucus level election results**. See Exhibit B, "Update on Iowa Caucus Procedures," Dec 14, 2007, www.BlackBoxVoting.org.
11. In no event does it appear that either party ever releases their precinct/caucus level vote count information to the State of Iowa or any County of Iowa, rendering such information and election records immune from public disclosure.
12. Additionally, (upon information and belief), it is clear that no representative of either party ever provides (or retains) original voter verification records or similar caucus primary records to the State of Iowa or any County of Iowa.
13. Following the voting in each caucus location, each of the approximately 3800 caucus/precinct captains immediately communicate their vote totals to their respective Party officials at the County level, who will as able, post County (only) level results.
14. Party representatives of each of the 99 Counties will communicate at least once, if not periodically, with New York City-based National Election Pool [successor to the Voter News Service (VNS)], through the New York City based Associated Press, providing the NEP with the results of the votes from the precincts in their County. See Affidavits by James Condit, Lynn Landes and John Liggett.
15. However, the Iowa State Democrat and the Iowa State Republican Party will **not** post on their website a breakdown of the delegate count, caucus location-by-caucus location, or precinct-by-precinct.
16. On information and belief, all 3800 Democrat and Republican caucus/precinct captains and county leaders will use an electronic "VoteStream" tool by Resolver, Inc., to transmit the result of their delegate count to their State Party and to the Associated Press.

17. VoteStream is a hand-held, blackberry like device computer using private, proprietary software to transmit local vote counts to a central vote tabulating computer. See Exhibit C.

Dated: December 27, 2007

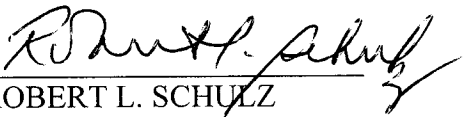

ROBERT L. SCHULZ
2458 Ridge Rd.
Queensbury, NY 12804
518-656-3578

EXHIBIT A

December 18, 2007

OP-ED CONTRIBUTOR

Iowa's Undemocratic Caucuses

By GILBERT CRANBERG, HERB STRENTZ and GLENN ROBERTS

Des Moines

THIS year, a dozen polling organizations have conducted about 70 separate polls about the candidate preferences of Iowa caucus-goers.

The polls essentially are counts of votes by likely caucus attendees. If a poll is done properly, its measure of opinion about the candidates should be similar to the tabulation of votes on caucus night. But if a poll does manage to precisely forecast the results of the Jan. 3 caucuses, that is probably more coincidence than polling accuracy.

That's because Iowa Democrats shun public disclosure of voter preferences at their caucuses — something not generally reported by the press or understood by the public.

An early order of business in each Democratic precinct caucus in Iowa is a count of the candidate preferences of the attendees. For all practical purposes, this is just what the polls try to measure. But Iowa Democrats keep the data hidden. The one-person, one-vote results from each caucus are snail-mailed to party headquarters and placed in a database, never disclosed to the press or made available for inspection.

Instead, the Democratic Party releases the percentage of “delegate equivalents” won by each candidate. The percentage broadcast on the networks and reported in the newspapers is the candidate's share of the 2,500 delegates the party apportions across Iowa's 99 counties, based on Democratic voter turnout in each of the 1,784 precincts in the two most recent general elections. So, the turnout for a candidate in a precinct caucus could be huge, yet the candidate's share of the delegate pie could be quite small — if that precinct had low voter turnout in 2004 and 2006.

Under the formulas used to apportion delegates, it is possible that the candidate with the highest percentage of delegate equivalents — that is, the headline “winner” — did not really lead in the “popular vote” at the caucuses. Further, it is possible that a second or third-tier candidate could garner a surprising 10 percent or 12 percent of the popular vote statewide and get zero delegates. (That's because to be in the running for a delegate a candidate must have support from at least 15 percent of the people at a precinct caucus.) He or she may have done two or three times as well as expected among Iowa's Democratic voters and get no recognition for it.

Iowa Republicans do not go through this rigamarole. Early in their caucuses they take a straightforward count of how many people support each candidate. The tabulations are reported promptly to the news media. The caucuses then go on to choose delegates to county conventions. Little or no attention is paid to the

Republican delegate count, which the press does not even bother to report.

Presidential primaries produce counts of how people actually voted. Iowa's Democratic caucuses do not.

As nongovernmental organizations, political parties are free to adopt whatever rules they favor. But the press does not have to be a party's silent partners. The news media need to quit tolerating the practice of denying the public access to factual information about how much support each Democratic candidate actually has on caucus night.

The press invests months in covering the caucuses. It and the public it serves are entitled at the end of the exercise to an unambiguous vote count, instead of delegate numbers that camouflage how much popular support each candidate earned. Candidates, too, deserve a full accounting of how many turned out to support them.

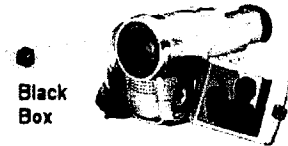
Reporters should insist that Iowa's politicians end what amounts to a cover-up of important public information. If the press won't demand disclosure of the preferences of Iowa's Democratic voters on caucus night, who will?

Gilbert Cranberg is a former editor of the editorial page of The Des Moines Register. Herb Strentz is a former executive secretary of Iowa's Freedom of Information Council. Glenn Roberts is a former director of research for The Register.

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EXHIBIT B



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THE OFFICIAL BLACK BOX VOTING WEBSITE

12-14-07: UPDATE on Iowa Caucus Proce...

Black Box Voting » Latest Investigations from Black Box Voting » 12-14-07: UPDATE on Iowa Caucus Procedures

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Start New Thread				

Author

Message



Posted on Friday, December 14, 2007 - 3:09 pm:

Bev Harris
 Board Administrator
 Username: Admin

By Bev Harris

Post Number: 7220
 Registered: 12-2004

Best of Black Box? ★★★★★
 Votes: 5 (A keeper?)

Coming Jan. 3, 2008: The famous Iowa caucuses. Traditionally considered a critical sign of candidate viability, results in Iowa can make or break candidate funding and public image. What problems can affect caucuses?

Following an Iowa Republican Party straw poll in August, citizens expressed anguish that the votes were counted on Diebold/Premier optical scan voting machines. Another Republican straw poll, in Pinellas County Florida, was afflicted with participants reporting touch-screen voting machines flipping votes from one candidate to another.

In a San Mateo County, Calif. Democratic Party straw poll, votes were counted in public but then accumulated out of public view on a laptop, a procedural flaw that organizers say will be corrected. (It doesn't matter if the initial counting is done in public, if results are summed up in private without releasing the details.)

In Iowa, neither party has been releasing the precinct results that provide the underlying verification for the totals they announce -- a procedure so top-heavy it should come with a laugh track. **Black Box Voting** and many Iowa citizens have been expressing concern, and urging the release of the data for the 1,900 precincts to back up the announced total.

While it's true that each precinct vote result assigns delegates according to the vote, and those delegates go to a county convention to cast votes (though this is nonbinding), in fact the delegate votes never match the original caucus results, because the county convention is held months after the caucus, and in 2008 will take place after Super Duper Tuesday. Many candidates drop out by the time the convention rolls around, and votes are readjusted.

Caucuses are not subject to freedom of information through public records, because technically the parties are private corporations and do not have to release their documents. Therefore, the caucuses have some built-in impediments to transparency.

Black Box Voting has been raising questions and seeking answers. We've been mailing letters to our Iowa constituents, blogging, and distributing questions and concerns through the voting rights circuitry.

Here's what we've learned so far, revealing some good news and citizen action still needed to prod one of the parties into publicly accounting for its results.

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[Contact Moderators](#)
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Because caucus procedures for each party differ, will report on them separately.

NO VOTING MACHINES

It's official:

Democratic Party procedures - Haven't and won't use any voting machines in the caucuses.

Republican Party procedures - They used voting machines in the Republican straw poll in August, but will not use the machines in the January caucus.

PUBLIC COUNTING PROCEDURES?

Both parties say they will count the votes in public at the precincts.

Dem procedures: Stand in a clump, count the warm bodies. Public count. Dem procedures are publicly posted on sec. state web site.

Rep Procedures: Write name on piece of paper, hand count it. Rep procedures are not posted yet.

I spoke with Chad Olsen, one of the people with the Iowa Republican Party handling the caucuses. According to Olsen, the procedure will be for each participant to write the name on a piece of paper. Those pieces of paper will be collected and will be counted by the precinct caucus officials in front of representatives for the candidates and an observer or observers.

Devil is in the details on that, chain of custody can go bonkers. It did in the Texas Republican straw poll recently. Still, that's better than voting machines. Done right, it's a public count. Would like to get the procedures, in writing.

RELEASE OF UNDERLYING PRECINCT DATA WHEN ANNOUNCING WINNER?

Dem Party procedures: I have a definite confirm, in writing, from the spokesman for the Iowa Democratic Party that they will release the precinct results. They have never done this before. What they will be doing in 2008 carves out new procedures for improved transparency and citizen oversight. Dem Party spokesman Chris Allen said to watch for a press release, hopefully early next week.

Republican Party procedures: Not yet, opened the door, provided a road map to getting precinct results released promptly on state web site. At this time, however, there are no plans to do so.

Regarding releasing the underlying precinct figures when they announce the winner, Olsen said it might be available by the counties but maybe not right away, maybe a day later.

Iowa has 99 counties, with widely varying ability to handle this on their web sites. I encouraged him to post the results all in one place, and promptly, on the state party web site.

He said the media hasn't had this as a top priority. I explained that the terrain in 2008 is very different than in the caucus period in 2004. There are many different election integrity groups and many citizen oversight groups now, and the needs of citizens doing oversight are not quite the same as those of the media.

I asked him if they had made a decision NOT to post the results. (They never have before). He said they haven't made a decision NOT to. So I asked him if they would consider posting them, even if just as a spreadsheet or simple pdf list of results. He said no one has really asked for it. I said, if people ask for it, might you do it?

He said, if enough people ask for it they might do it.

THIS IS AN IMPORTANT PROCEDURAL SAFEGUARD

When people participate in a caucus, they should be able to see the votes counted in public, and then should be able to promptly go visit a web site to see that the result they observed is the same as the precinct number contained in the total.

For the first time, Democratic Party caucus participants will be able to check that the state total uses their accurate precinct details. Maybe -- if enough people ask for it -- Republican Party caucus participants will be able to have the same transparency.

Methinks enough people should be marshalled to ask for it.



Tom Courbat
Voting Rights Forum Participant
Username: Leftisbest

Post Number: 76
Registered: 6-2006

Best of Black Box? N/A
Votes: 0 (A keeper?)



Tom Courbat
Voting Rights Forum Participant
Username: Leftisbest

Post Number: 77
Registered: 6-2006

Best of Black Box? N/A
Votes: 0 (A keeper?)



Bev Harris
Board Administrator
Username: Admin

Post Number: 7226
Registered: 12-2004

Best of Black Box? N/A
Votes: 0 (A keeper?)



Howard Randall Smith
Voting Rights Forum Participant
Username: Tidalcreek

Post Number: 3
Registered: 2-2007

Best of Black Box? N/A
Votes: 0 (A keeper?)



Bev Harris
Board Administrator
Username: Admin

Post Number: 7273
Registered: 12-2004

Posted on Monday, December 17, 2007 - 9:12 am:

Ok, so how do we contact these folks?

Posted on Monday, December 17, 2007 - 9:13 am:

Oh, BTW, congratulations on your success with the Dems. These are VERY significant inroads.

Posted on Tuesday, December 18, 2007 - 4:57 am:

Tom - My understanding is that there will be a press conference tomorrow (Wed., Dec. 19) in which the Democrats and the Republicans will inform the public that they will be working together to disseminate results, and shortly after Christmas, specifics will be released.

Several new questions were raised over the weekend and have been submitted to each party.

Unless you can find a compelling reason for the Iowa Republican Party to listen to Democrats, it will probably be best for our Republican members to contact the Republican Party of Iowa to emphasize the importance of immediately releasing precinct results.

You can find the contact information on the Web site for the Republican Party of Iowa - <http://www.iowagop.net/>

Posted on Sunday, December 23, 2007 - 9:04 am:

I haven't yet seen any press release from either party on vote count prodedures. Keeping my eyes open. Randy-NYC

Posted on Sunday, December 23, 2007 - 2:09 pm:

The Democratic Party instead did a press release about working together with the Republicans, and in a follow up call I made to them, they said it will come out the day after Christmas.

I have continued to look into matters and have become *more*

Best of Black Box? N/A
Votes: 0 (A keeper?)



Mark Albonizio
Voting Rights Forum Participant
Username: Malboniz

Post Number: 1
Registered: 12-2006

Best of Black Box? ★★★★★
Votes: 2 (A keeper?)

concerned, not less. I will wait until Wednesday to see if my concerns are remedied before shouting them out, but either way, Wednesday will bring a follow up story.

Posted on Sunday, December 23, 2007 - 2:39 pm:

For those in Iowa (and even those outside of Iowa), please write to the editors of Iowa's newspapers and express your desire to have the Iowa GOP post their caucus results online.

In your letter or opinion piece, encourage other Iowans to keep the pressure on the local media and the Iowa GOP. As Chad Olsen of the Iowa GOP said, if enough people ask for it they might consider this new level of transparency.

List of newspapers in Iowa:
<http://www.usnpl.com/ianews.php>

(Message edited by malboniz on December 23, 2007)

Posted on Sunday, December 23, 2007 - 2:56 pm:



Bev Harris
Board Administrator
Username: Admin

Post Number: 7275
Registered: 12-2004

Best of Black Box? ★★★★★
Votes: 2 (A keeper?)

Agree with Mark - and specify that by "post caucus results online" that means the individual results of each precinct along with the aggregate, and at essentially the same time, not a day or many days later.

But in addition to this, I have growing concerns about the whole process. I'm going to do an updated story on Wednesday. As cumbersome as it is, I will be recommending that everyone in the nation call anyone they know in Iowa and recommend that they attend their local caucus for the party they are registered in, or attend as an observer, and take a PHOTOGRAPH, VIDEO, or AUDIO RECORDING of the local caucus result to be posted on an independent Web site for comparison with the media and party-reported results.

The Iowa section of these forums allows real-time citizen uploads of photographs; short video clips can be edited using the free MovieMaker program that comes with Windows XP (need to make sure latest updates are installed) and uploaded to YouTube or GoogleVideos; For about \$50 you can get a digital voice recorder that will convert to MP3 to upload. Anecdotes don't do diddly except get people ridiculed; candidates can't use them at all without being called "sore loser" -- a death blow, going into New Hampshire 5 days later.

The only way to avoid ridicule and keep things objective is to get evidence that cannot be spun. Photos of signed results sheet. Better than photos is a video clip of results announcement. And those who capture the evidence must be willing to use real names and (privately to the appropriate parties) provide real contact information. If there is a discrepancy, the evidence needs to be authenticated or no reporter will touch it, and you can't do that with an anonymous photo uploaded by "Hoppy Bunnypants."

I had hoped this would not be necessary, but it will be important. I am awaiting the promised press release that is supposed to come from the parties on Wednesday to see if they have done something new to allay my concerns, but I am not expecting to be reassured.

Posted on Sunday, December 23, 2007 - 2:58 pm:



Mark Albonizio
Voting Rights Forum Participant
Username: Malboniz

Post Number: 2
Registered: 12-2006

Best of Black Box? ★★★★★
Votes: 1 (A keeper?)

Email address for the Chairman of the Republican Party of Iowa, Ray Hoffmann.

rayhoffmann@iowagop.org

Additional Iowa GOP email addresses can be found at:

<http://www.iowagop.net/inner.asp?z=10>

Posted on Sunday, December 23, 2007 - 3:05 pm:



Bev Harris
Board Administrator
Username: Admin

Post Number: 7276
Registered: 12-2004

Best of Black Box? N/A
Votes: 0 (A keeper?)



Howard Randall Smith
Voting Rights Forum Participant
Username: Tidalcreek

Post Number: 5
Registered: 2-2007

Best of Black Box? N/A
Votes: 0 (A keeper?)



Bev Harris
Board Administrator
Username: Admin

Post Number: 7292
Registered: 12-2004

Best of Black Box? ★★★★★
Votes: 1 (A keeper?)

My newer concerns pertain to both parties. Yes, the letters to the editor to urge the Republican Party to release results -- but they may be doing so, and there is a special happy-dance going on with Republicans and Democrats. They just designed a joint logo and will be working extra cooperatively with the media on Caucus night.

I have questions about the routing of the information from the handheld devices, the program being used to tabulate, who runs the server it goes to, and what checks and balances are on the computerized tabulation system used by both parties to report to the media. More Wednesday.

Posted on Thursday, December 27, 2007 - 10:40 am:

I have been looking everywhere, but haven't read any press releases yet about new caucus protections. Will Iowa be transparent? I have emailed a half-a-dozen letters to Iowa papers, but since I'm in NYC I doubt they'll be printed, although New York Newsday is considering it. The letter basically echoes yours (Bev+everybody here at BBV) concerns.

Posted on Thursday, December 27, 2007 - 11:26 am:

I have not found anything either to document any kind of transparency. Worse, it is clear that both parties will be using hand-held Blackberry-like devices to automate results upload from precinct to some unknown server and location, with (according to a Democratic Party spokesman) an automated computerized process of totalling the results.

Who owns the server that these results upload to? Will the results from the Republican Party and from the Democratic Party end up in the same automated tallying program? What program is used? Who programmed that system? Who is the vendor for this automated tallying system based on handheld devices?

This is exactly the same as using an unknown, uncertified central tabulator which never even went through any form of approval or testing process. The only difference between this central tabulation system and what we're used to with voting machines is that it is initiated by handheld devices.

More amazing still is the fact that we are now just 7 days from the caucus, and neither party has publicly committed to releasing the precinct results along with their claimed "total" result. This means an uncertified, unknown vendor, handheld device-initiated secret computerized tabulator will be used to tally results without any checks and balances available to authenticate the media reports.

Appalling.

Just as disturbing, I have been sending out queries on the listservs frequented by various parts of the election reform ecosystem. One particularly disturbing response is from Dr. Doug Jones, a former Iowa voting machine examiner, who said if the results are tampered with enroute to the media it would not (in his opinion) constitute an elections crime, nor would it necessarily be considered election-rigging since the results are technically "unofficial."

To be clear: "Not an elections crime" or perhaps, not even a crime for incorrect or altered results to be provided to the media, and no meaningful checks and balances.

The official results go to county political machinery in a brown envelope.

As I said, I will be developing a more comprehensive story on this situation. Iowa cannot lean on some opaque brown-envelope-based two-months-delayed "official" results setup and at the same time,

claim that it is important to do the first caucus in Iowa to "help" candidates have a more even playing field. That goal is media-oriented, not "official results oriented" and if the media results are set up without checks and balances, and can be manipulated without even violating elections law, the media results from Iowa should be rejected by the public.




I recommend that every person in America take time now to think of who they know in Iowa. Call them. Ask them to attend their local caucus, take a digital photo of the results there, and email it to you or to Black Box Voting.

These need to include the person's name and location of precinct.

But even this won't do a lick of good if the precinct results are not released on Caucus Night along with the claimed "total results".

Add Your Message Here

Post:

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Username:

Posting Information:

This is a private posting area. Only registered users and moderators may post messages here.

Password:

- Options:
- Enable HTML code in message
 - Automatically activate URLs in message

Action:

Preview/Post Message	Upload Attachment...
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EXHIBIT C

C



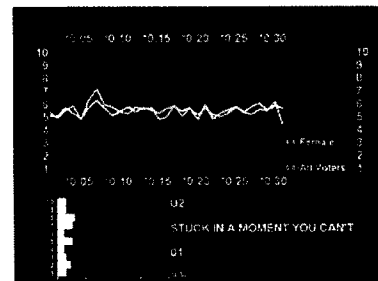
PRODUCT OVERVIEW

Audience Response for Marketing & Research Professionals

Votestream is an interactive tool used to generate real-time audience response. Using wireless keypads, respondents can answer up to 200 questions or provide moment-to-moment feedback to any audio, video or live test source. The testing material and audience responses are immediately overlaid onto one image and recorded on videotape or DVD, while clients watch live results from a separate viewing room.

Resolver *VoteStream

Resolver*VoteStream is taking market and media research to a new level, offering real-time multiple-choice questioning and moment-to-moment feedback. Ideal for testing media clips, radio spots or live presentations, speeches, and results, VoteStream makes it possible to pinpoint exactly what's working, and why.



Employing the power of wireless hand-held keypads, project managers and meeting facilitators use VoteStream to receive continuous feedback from participants responding to live test material. Audience responses are collected and processed, and live results are displayed on a Cartesian graph, resembling a cardiograph readout. Results can be displayed for the group as a whole and/or by subgroups.

Resolver*VoteStream is an interactive and user-friendly tool that provides a convenient alternative to traditional pencil and paper research. Based on responses to questions, subgroups or voter groups are easily defined and graphs or reports can be generated during or immediately after a session.

Key Benefits

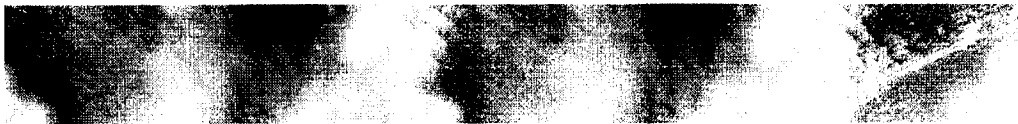
- 1. Real time information capture and visual feedback.
- 2. Collection of individual responses from a group of participants.
- 3. Accurate evaluation and visual representation.
- 4. Overlay onto DVD/VHS charting of responses being collected or played back.
- 5. Instant analysis and presentation features.

How it Works

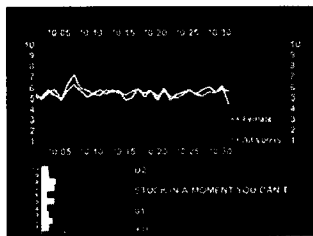
Example Application: Radio Music Test

The Program Director for a leading FM radio station conducts a semi-annual research session to test the station's play list, evaluate alternative style mixes and assess the current morning show spot.

Participants are recruited to provide moment-to-moment feedback on multiple choice questions, eight-second music hooks and morning show tests. Throughout the evening the client observes the study and watches the results, in real-time, from a separate viewing room. Based on the study results, the Program Director makes immediate adjustments to the station's play list and modifies segments of their morning show spot.



Screen Shots



Moment-to-Moment Feedback

An audio test captures real-time opinions of different demographic groups.

How often do you listen to the radio?	
Less than 1 hour each day	19 38%
1 and 3 hours each day	13 28%
More than 3 hours each day	18 36%

Question Voting

Participants anonymously respond to multiple choice questions.

APC TO 20 RADIO MISC STUDY HOUSTON, TX, JANUARY 7, 2004	
Question	Answers
1. How often do you listen to the radio?	Less than 1 hour each day: 19 (38%) 1 and 3 hours each day: 13 (28%) More than 3 hours each day: 18 (36%)

Merge Files and Create Reports

The application enables post session aggregation and analysis from multiple sessions. Cross tabulation and trend analysis can be done easily.

Features

Voting

- Moment-to-moment feedback on source media or multiple-choice questions

Display Options

- Results displayed on Cartesian graph
- Custom background and graphics with multitude font and color choices

Analysis

- Cross tabulations
- Trend analysis and focus group selections
- Merge results from multiple sessions

Reporting and Data

- Customizable reports
- Export data to spreadsheet or stats package
- DVD or VHS recordings of sessions
- Print-out of moment-to-moment graph

Solutions

Resolver*VoteStream Full Service Solution

Resolver, through selected partners, offers a Full Service VoteStream Package - a complete outsourcing solution, designed to handle all aspects of a research session. The package includes:

- Rental of keypads, receiver, software, laptop and peripheral equipment
- Systems operation
- Project management (including audio video)
- Software administration and reports
- DVD and VHS recording of live sessions

If Full Service is not necessary, clients can choose from an array of rental and service options. Purchase alternatives can also be tailored to individual client requirements.

Contact Us

Resolver Inc

Mailing Address:

410 Adelaide S. W., Suite 200
Toronto, Ontario, M5V 1S8

Telephone and Fax

Phone: (416) 929-2605 x 315
Toll Free: (1-888) 891-5500 x 315
Fax: (416) 929-5831

info@resolver.ca

www.resolver.ca

System Requirements

Resolver*VoteStream is a desktop software application, designed to work on a PC with minimal requirements (as listed below).

- Pentium PC 100 Mhz
- 32 MB RAM
- 20 MB free disk space
- Windows95, 98, 98SE, Win2000 & WinXP Compatible

Resolver
***VoteStream**