

Georgia and Diebold

Uniform State-Wide Election System

- *From Black Box Voting Document Archive*
*...advancing the e-government
revolution*



AccuVote-TS Election System

- **Smart Card Technology**
 - Accurate, Reliable Ballot Access
- **Voter Activated**
 - No Poll Worker Assistance
- **Stand Alone, Independent Voting Station**
 - Promotes Non-Geographic Voting (Biometrics)
- **Georgia State-wide Ballot Capacity**
 - Pathway To Non-Geographic e-Government Voting



...advancing the e-government revolution



AccuVote-TS Election System

- **Large 15" Color Touch Screen**
 - Clear, Bright, Easy To Read Screen
 - Reduces Number of Screens Required For Ballot
 - Very Favorable Acceptance By The Elderly-More Widely Accepted Than State Acceptance Testing (96.6%)
- **Complies With ADA Standards**
 - Voice Guidance and Wheelchair Accessibility



...advancing the e-government revolution



AccuVote-TS Election System

- **Multi-Language Capability**
 - Seven Languages Have Already Been Used On One Voting Station In Live Elections (Includes Character Languages)

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AccuVote-TS Election System

- **Eliminates “Overvotes”**
 - Candidate Selections Can Not Exceed The Designated Number of Candidates For Each Race
- **Reduces “Undervotes”**
 - The AccuVote-TS Summary Page Enables Voters To Review All Selections Before Casting Their Ballot
- **Provisional Voting**
 - Ballots Of Challenged Voters Are Electronically Stored, Then Private Ballot Information Is Transferred When Voter Verification Occurs
- **Voter Registration System Interface**
 - Currently In Use In Many Jurisdictions

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Global Election Management Software (GEMS)

The Key to Comprehensive Election Management

- A multitasking, seamlessly integrated application designed for simplicity, speed and performance.
- Runs on Windows NT platform providing security and networking capabilities.
- A Windows NT architecture application enabling input of information from applications such as Word and Excel
- Incorporates Windows graphical user interface features, such actions as “drag and drop” and “cut and paste”.



Marion Co., Indiana Demonstration December 12, 2000 (marion co in) ad... Election Setup View Artwork GEMS Help

Title	Id	District
⊕ Straight Party	10	Jurisdiction Wide
⊕ Presidential Electors	20	Jurisdiction Wide
⊕ U S Senate	30	Jurisdiction Wide
⊕ Governor & Lt. Governor	40	Jurisdiction Wide
⊕ Attorney General	50	Jurisdiction Wide
⊕ Supt. of Public Instruction	60	Jurisdiction Wide
⊕ U S Representative Dist. 10	70	Jurisdiction Wide
⊕ State Senate District 36	80	Jurisdiction Wide
⊕ State Representative Dist. 97	90	Jurisdiction Wide
⊕ Marion County Treasurer	100	Jurisdiction Wide
⊕ Marion County Coroner	110	Jurisdiction Wide
⊕ Marion County Surveyor	120	Jurisdiction Wide
⊕ Center Twp. Board District 6	130	Center Twp
⊕ Marion Superior Ct. Judge	140	Jurisdiction Wide
⊕ Indiana Ct. of Appeals Dist. 4	150	Jurisdiction Wide
⊕ Indiana Ct. of Appeals Dist. 5	160	Jurisdiction Wide
⊕ Public Question #1	170	Jurisdiction Wide

Ready Set For Election | 17 Record(s) | 0 Selected



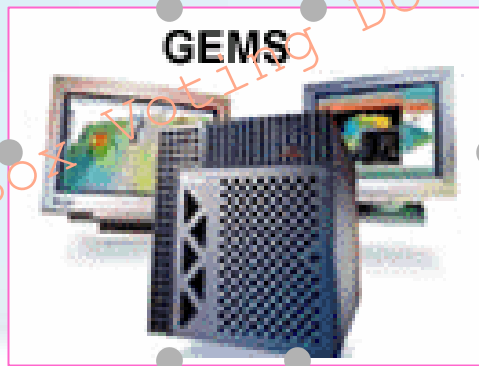
The Integrated Advantage

Election Summary Report
Abolka County 2000 General
Summary For Jurisdiction Wide, All Counties, All Races

OFFICER AND VOTE PRESIDENT	Total	FF SENATOR 49	Total
Number of Precincts	114	Number of Precincts	28
Number of Voters	150,000	Number of Voters	28
Total Votes	105,000	Total Votes	10,000
WILLIE BRADSHAW	50,000 (47.6%)	LARRY POSEY	1,000 (10.0%)
JOHN LESBENAR	40,000 (38.1%)	BARB WOFFORD	8,000 (80.0%)
BOB GIBSON	10,000 (9.5%)	Number of Votes	10,000
Number of Precincts	114	Number of Precincts	28
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BOB GIBSON	10,000 (9.5%)	Total Votes	10,000

Abolka County 2000 General - All Races - Jurisdiction Wide
All Races - Jurisdiction Wide
Reporting (114116)

MAYOR - ANDOVER	(9.9)	100.00%
Vote For	999	45.73%
MIKE GARMACHE	999	44.73%
WACK MICHELLEVEY	999	44.73%
WACK MICHELLEVEY	1131	9.10%
WACK MICHELLEVEY	88	0.29%
WACK MICHELLEVEY	12422	100.0%



- From Black Box Voting Document Archive -

Ballot Editor

OFFICIAL BALLOT
STATE OFFICERS
LEGISLATIVE OFFICERS
LOCAL OFFICERS

Marion Co., Indiana Demonstration December 12, 2000 (marion co in) ad

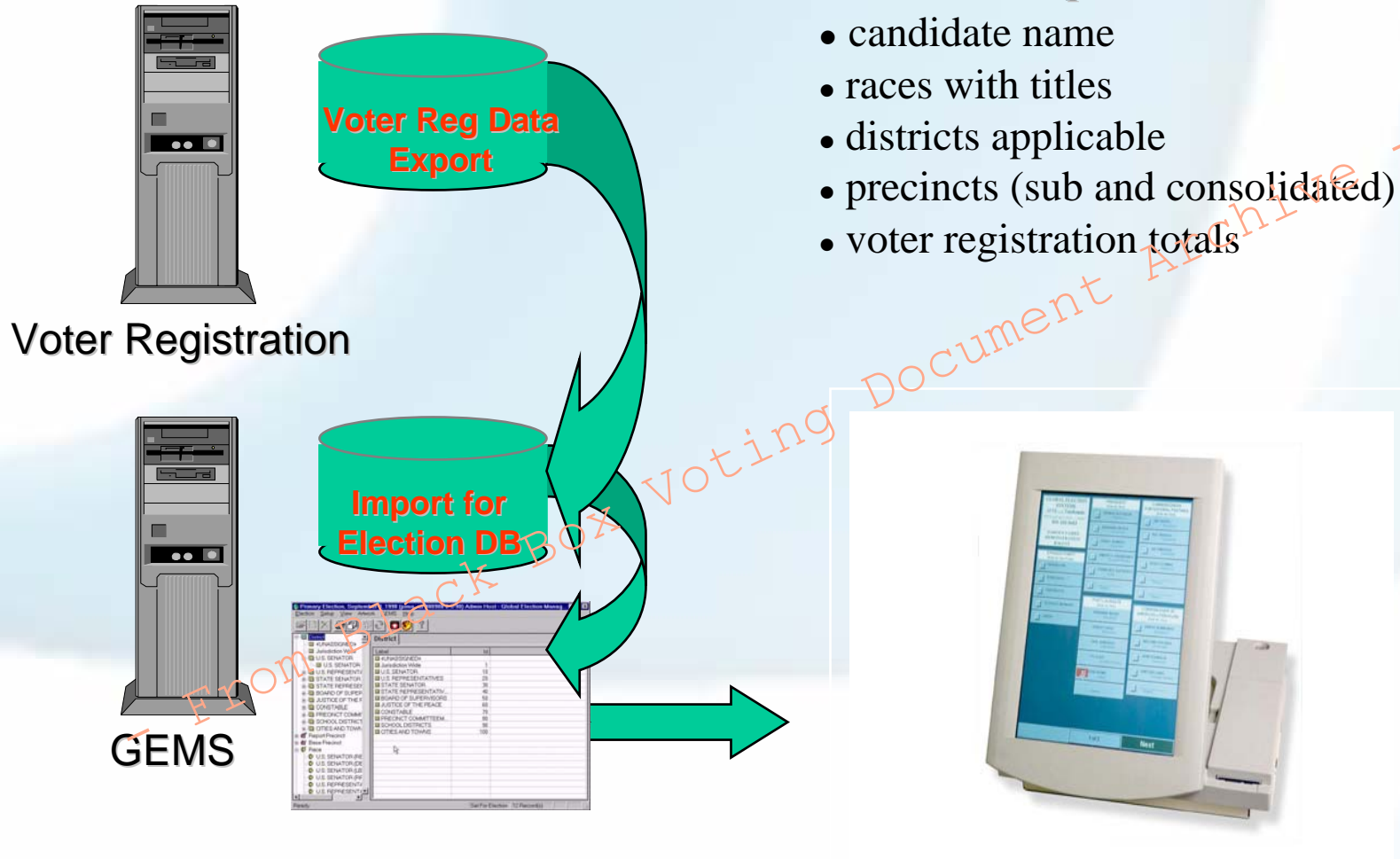
Race	Title	Ball	District
Report Precinct			
Polling Precincts			
Absentee Precincts			
Class Precinct	Shraight Party	10	Jurisdiction Wide
	Presidential Electors	20	Jurisdiction Wide
	U S Senate	30	Jurisdiction Wide
	Governor & Lt. Governor	40	Jurisdiction Wide
	Attorney General	50	Jurisdiction Wide
	Ballot Style	60	Jurisdiction Wide
	Ballot	70	Jurisdiction Wide
	Card Style	80	Jurisdiction Wide
	Card	90	Jurisdiction Wide
	Vote Center	100	Jurisdiction Wide
	Polling Vote Center	110	Jurisdiction Wide
	Absentee	120	Jurisdiction Wide
	Marion County Coroner	130	Center Top
	Marion County Surveyor	140	Jurisdiction Wide
	Indiana Ct. of Appeals Dist. 4	150	Jurisdiction Wide
	Indiana Ct. of Appeals Dist. 5	160	Jurisdiction Wide
	Public Question #1	170	Jurisdiction Wide



Creating Your Elections

Election Preparation Process

- candidate name
- races with titles
- districts applicable
- precincts (sub and consolidated)
- voter registration totals



GEMS software creates the ballot style and screens for AccuVote-TS and AccuVote OS, and programs the PCM/CIA memory cards for both the precinct, and absentee system via a single integrated process.

Pre-Election Reporting

- Currently over 70 different pre-election reports useful for proofing and checking the integrity of your election database.
- Preview reports on screen before printing.
- Export report information in Excel, Lotus or many other available formats.

The image shows a 'Print Report' dialog box and a preview window for a report titled 'Races With Candidates'.

Print Report Dialog:

- Reports: Race Rotation With Cards, Race Rotation With VReg, Race Summary Report, Races With Ballot Styles, **Races With Candidates**, Races With Card Styles, Races With Reporting Precincts, Races With Vote Centers, Report Precinct Static Report
- Printer Name: HP LaserJet 5000
- Status: Ready
- Type: HP LaserJet 5000 S
- Where: LPT1:
- Comment:
- Copies: Number of copies: 2
- Buttons: Preview, Print

Races With Candidates Report Preview:

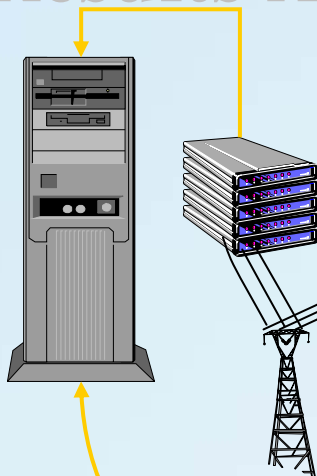
Marion Co., Indiana Demonstration
December 12, 2000
Races With Candidates

Id	Race	Id	Candidate	Type	Id	Vote Group
10	Single Party	20	Republican	Candidate	20	Republican
		30	Democrat	Candidate	30	Democrat
		40	Libertarian	Candidate	40	Libertarian
		50	Independent	Candidate	50	Independent
20	Functional Blocks	10	Evil/Chaos	Candidate	20	Republican
		20	Good/Order	Candidate	30	Democrat
		30	Evil/Chaos	Candidate	40	Libertarian
		40	Evil/Chaos	Candidate	50	Independent
		50	White	Write-In	0	<N.P.>
30	U.S. Issues	10	Richard G. Lugar	Candidate	20	Republican
		20	David L. Johnson	Candidate	30	Democrat
		30	Paul Harper	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
40	Governor & Lt. Governor	10	Michael Child	Candidate	20	Republican
		20	Clayton Homan	Candidate	30	Democrat
		30	Thomas H. Miller	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
50	Army General	10	Stephen Carter	Candidate	20	Republican
		20	W. H. Thurman Wilson	Candidate	30	Democrat
		30	H. Sean Harkey	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
60	Dept. of Public Instruction	10	Frankie Paul	Candidate	20	Republican
		20	Gerald E. McCallum	Candidate	30	Democrat
		30	Sam Co. Martin	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
70	U.S. Representative Dist. 10	10	Martin B. Frost	Candidate	20	Republican
		20	Nida H. Cassa	Candidate	30	Democrat
		30	McCallum	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
80	State Senate District 1	10	Lawrence H. Boat	Candidate	20	Republican
		20	Jack E. Raw	Candidate	30	Democrat
		30	Michael Williams	Candidate	40	Libertarian
		40	White	Write-In	0	<N.P.>
90	State Representative Dist. 07	10	Bob Smith	Candidate	20	Republican
		20	Edward M. Martin	Candidate	30	Democrat



Election Results Accumulation

- **TeleResults – for uploading results by modem from precinct or regional upload center**
- **Upload results directly to the GEMS server**
- **Enter results manually if needed**
- **Audit log records every results accumulation action**



"TeleResults" PRECINCTS

POLLING PLACE



AccuVote-TS with Internal Modem automatically dials central site and uploads results from the AccuVote units to the central computer.



ACCUVOTE

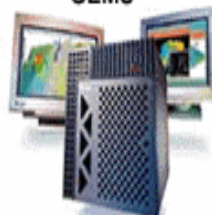
ABSENTEE RESULTS UPLOAD



ACCUVOTE-TS

Absentee results from the AccuVote-OS units are directly uploaded from the memory Card to the GEMS server.

GEMS



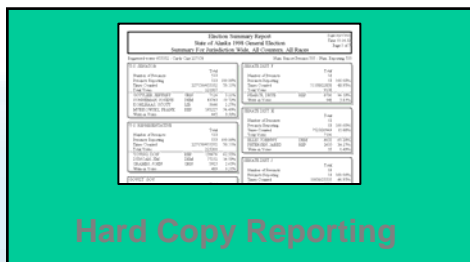
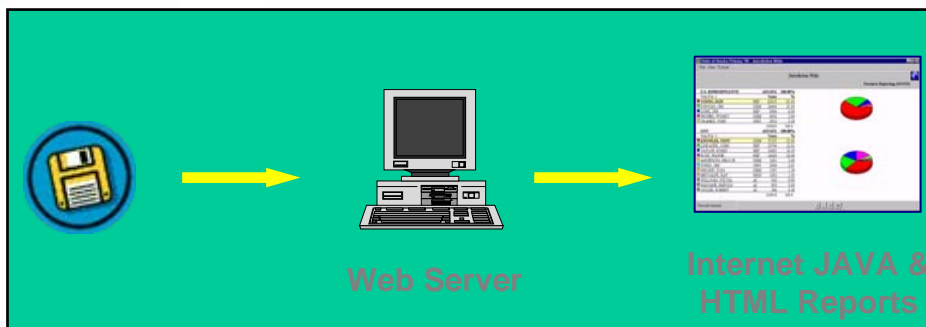
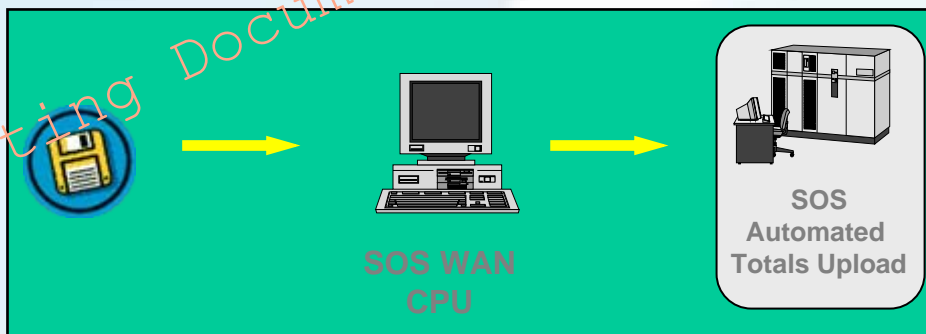
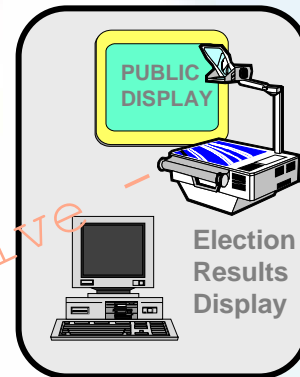
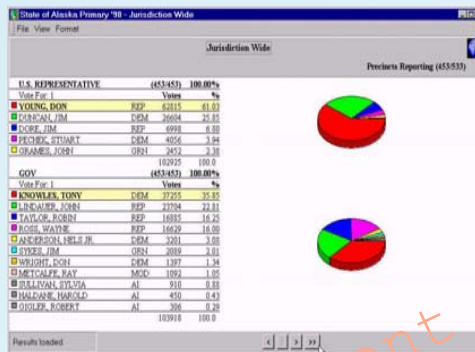
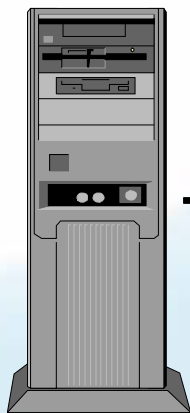
DIRECT RESULTS UPLOAD

The AccuVote-TS external media can be driven in to Election Central for direct upload of results.



Election Night Reporting Process

GEMS Tabulation and Reporting



From Black Box Voting Document Archive



Diebold's Integrated Advantage

Only 3 Components

1. Global Election Management Software (GEMS)

GEMS creates an administrative database

- GEMS generates ballots for AccuVote TS and OS
- GEMS programs AccuVote TS and OS Units
- GEMS validates encrypted precinct results via modem
- GEMS accumulates countywide results
- GEMS prints and electronically distributes election results

2. One File Server To Host GEMS

3. AccuVote TS and OS Voting Devices

- TS Units Count and Report Precinct Results
- TS Units Transmit Precinct Results via Modem to GEMS
- OS for Absentee Tabulation



Manufacturing

- From Black Box Voting Document Archive -



Manufacturing

- Seven Manufacturing Plants In The United States
- Manufacturing Locations Worldwide Including China, France, Germany
- Diebold's Software Development Departments Are ISO-9001 Certified
- Manufactured 2,500 Voting Terminals A Day For Brazil



Lexington, N. Carolina Manufacturing



Voting Terminal Testing



Diebold Incorporated

- 142 Years In Business
- \$1.7 Billion - Year 2000 Revenue
- U.S. Based Company (Canton, Ohio)
- 11,000 Employees Worldwide
- 3,600 Domestic Service Associates
- 400 Domestic Service Locations
- World's Largest Election System Manufacturer



Diebold/Global Product Overview

AccuVote Touch Screen (TS) Unit

- Certified in 17 States
- Election proven from the Carolinas to California
- Latest Technology
- Blended System

AccuVote Optical Scan (OS) Tabulator

- Hundreds of jurisdictions
- From 2 in 1992 to over 800 in 2001
 - 25 in Florida, nearly 40% of the State
- Thousands of successful elections
- Technology Transfer for Updates

