



everyonecounts[®]
Universal Access Elections
YOUR CHOICE IS CLEAR





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Increased Accessibility Through Digital Election in New South Wales, Australia



Presented at ACEEEO 2011



About Everyone Counts, Inc.

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- ❑ Internationally Recognized Public Election Administration, Computer Security/Technology & Election System Experts
- ❑ Feature-Rich Electronic Election Solutions for All Voters
 - ❑ Cost-Effectively Provide Reliable & Universal Ballot Access
- ❑ Online and Telephone Voting via Secure, Integrated Platform: Remote, Poll Station, Mobile, Automated



Australian Government

Department of Finance and Deregulation



STATE OF WEST VIRGINIA



STATE OF COLORADO



STATE OF UTAH



United Nations
Educational, Scientific and
Cultural Organization



AEC

Australian Electoral Commission

New South Wales Electoral Commission

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- ❑ Most Populous Australian State (~7M Residents)
 - ❑ 18% long-term disability
 - ❑ Long, Complicated Ballot; Braille Version \leq 67 pgs.
- ❑ **Need:** Give voters with disabilities or living remote ability to cast a secret ballot, unassisted, from a location of their choosing.
- ❑ **Solution:** Online and telephone voting via any touch-tone phone or internet connection; use with common assistive devices (e.g., screen-reader).



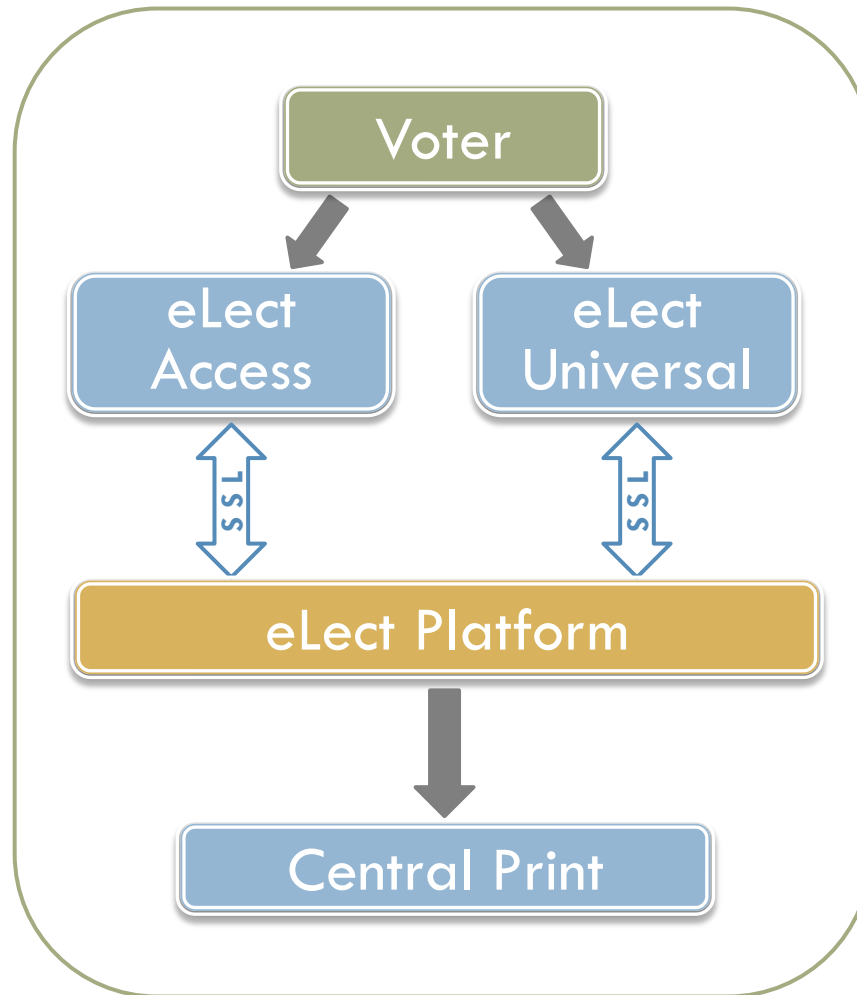
Voting Solutions Customized for iVote

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- ❑ Integrated Solutions via Secure eLect Platform
 - ❑ Voting Applications, Reporting, VR, Ballot Results
- ❑ *Online Voting*: eLect Universal
- ❑ *Telephone Voting*: elect Access
- ❑ *Central Print*: Ballots Decrypted & Printed Centrally on Election Day
- ❑ *Data Hosting*: Locally Managed by NSWEC
- ❑ *3rd Party Audits*: Software, Systems, Processes

Voting Solutions Customized for iVote

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Project Timeline

- ❑ Contact Award: 20 Aug 2010
- ❑ Start System Requirement Development: Sep 2010
- ❑ *Eligibility Extended to Interstate & Overseas Voters: Dec 2010*
- ❑ *Custom Print Functionality Added: 9 Jan 2011*
- ❑ Prototype Available for use by NSWEC: 17 Jan 2011
- ❑ *Increase to System Capacity (15k to 100k voters): Feb 2011*
- ❑ Demo System Available for Voter Testing: Feb 2011
- ❑ **Election Open Period: 14 to 25 March 2011**
- ❑ Votes Printed for Inclusion in Counting Process: 26 Mar 2011

Complex Ballot Styles and Voting Logic

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- ❑ Legislative Council (Upper House)
 - ❑ 1 Ballot Style
 - ❑ Over 300 Candidates
 - ❑ Proportional Representation using 'Above the Line' (Vote by Party) or 'Below the Line' (Vote by Candidate)
 - ❑ Optional Preferential Voting
- ❑ Legislative Assembly (Lower House)
 - ❑ 93 Ballot Styles
 - ❑ Optional Preferential Voting

Online Voting Application eLect Universal

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Summary, Error Warning

New South Wales Election of 21 Members of Legislative Council



Your vote will not be counted. Only 6 choices entered.
Must enter at least 15 (the number to elect).

Preference 1 : ADCOCK Luisa

Preference 2 : WOESSNER Brian

Preference 3 : VELT Mile

THE CITYLIFE PARTY (SPENCER DAVIS GROUP)

Preference 4 : BIRMINGHAM Jean

THE CITYLIFE PARTY (SPENCER DAVIS GROUP)

Preference 5 : HAND James

AUSTRALIANS FOR ADVANCEMENT

Preference 6 : BUCHANAN Louise

AUSTRALIANS FOR ADVANCEMENT

[Return and change your Legislative Council ballot.](#)

Submit Vote

Standard Ballot Paper Output

Ballot Paper

Legislative Assembly Election – Electoral District of

Northern Tablelands

DIRECTIONS FOR VOTING PLEASE READ CAREFULLY

Place the number "1" in the square opposite the name of the candidate for whom you desire to give your first preference vote.

You may, if you wish, vote for additional candidates by placing consecutive numbers beginning with the number "2" in the squares opposite the names of those additional candidates in the order of your preferences for them.

Fold the ballot paper so that the vote cannot be seen, and put it in the ballot box or in the envelope provided as appropriate.

CANDIDATES

- 999 CANDIDATE One
Some Party
- 2 CANDIDATE Two
Some Party
- 3 CANDIDATE Three
Some Party
- 4 CANDIDATE Four
Some Party
- 5 CANDIDATE Five
Some Party
- 6 CANDIDATE Six
Some Party
- 7 CANDIDATE Seven
Some Party
- 8 CANDIDATE Eight
Some Party
- 9 CANDIDATE Nine
Some Party
- 10 CANDIDATE Ten
Some Party
- 11 CANDIDATE Eleven
Some Party
- 12 CANDIDATE Twelve
Some Party
- 13 CANDIDATE Thirteen
Some Party
- 14 CANDIDATE Fourteen
Some Party
- 15 CANDIDATE Fifteen
Some Party
- 16 CANDIDATE Sixteen
Some Party


You must not take a ballot paper out of the polling place

electoral
commission NSW

00001

Telephone Voting Application eLect Access

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- ❑ World's First Telephone Voting System Using Telephone Voting Standard
 - ❑ Australian/New Zealand Standards; AS/NZS 4263
- ❑ User Testing and Feedback of Demo Systems with Disability Groups, Managed by NSWEC 
- ❑ W3C (website) Accessibility Compliance Tested by 3rd Party Firm

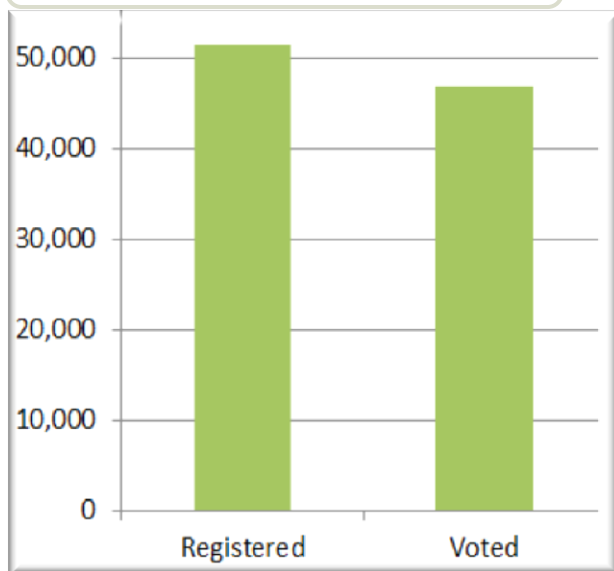


Success: 46,864 Votes Cast Electronically

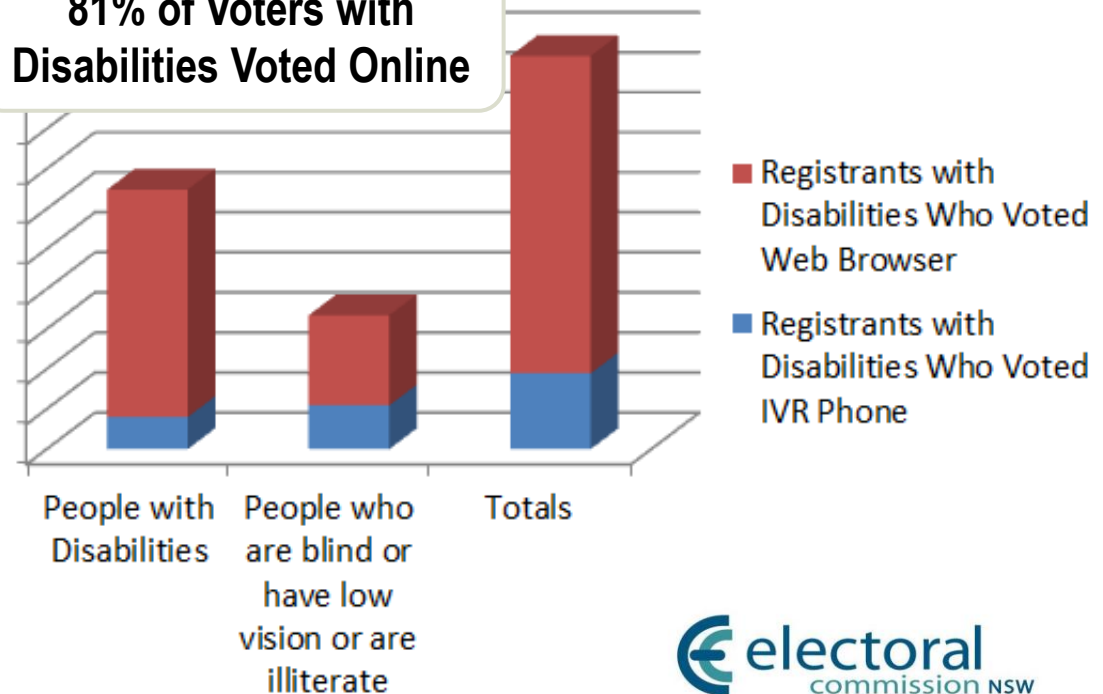
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- ❑ *Original Estimated Voter Turnout: 5-15,000*
- ❑ 44,900 ballots cast by remote voters
- ❑ 1,964 votes cast by voters with a disability or illiteracy

91% of Registrants Voted



81% of Voters with Disabilities Voted Online



Collaboration, Expertise, Technology

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- ❑ **Unprecedented uptake** – demonstrates acceptance of secure e-voting by remote voters and desire to embrace technology in the democratic process
 - ❑ *Second largest participation ever in a single remote e-voting election*
- ❑ **Empowers voters with disabilities** to vote privately and independently, using assistive devices in which they are familiar
- ❑ **Strong partnership** allows for improved solutions and change response (e.g., increased eligibility and added customization)
- ❑ **Choosing a vendor who is experienced** and has proven success and technology in the realm of e-voting is critical success
 - ❑ Important to know the unknowns

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Thank You

Paul DeGregorio

Chief Elections Officer

+1 858 427 4674

paul.degregorio@everyonecounts.com

