Scytl Online Voting

Scotland’s Democratic Future: Exploring Electronic Voting

Ian Brook
Director – Northern Europe
Online Voting Overview

Why Online Voting?

Online voting advantages

• Election participation increase and improved community engagement while providing accessible voting to disenfranchised voters (dispersed, overseas, disabled, illiterate, etc.)

• Cost reduction in the overall conducting of elections

• Results publication accuracy and expediency by eliminating human errors

• Leading edge security ensures voter privacy, voting verifiability and overall election results integrity.
Success Cases
France - Ministry of Foreign Affairs

Online voting evolution for French citizens living abroad

Election Turnout for overseas voters (Legislative Elections)

- Legislative 2012: 2% Online Voting, 43% On-site voting, 55% Postal Voting
- Legislative 2013: 1% Online Voting, 34% On-site voting, 65% Postal Voting

Election Turnout for overseas voters (AFE Elections)

- AFE 2009: 9% Online Voting, 61% On-site voting, 18% Postal Voting
- AFE 2010: 18% Online Voting, 64% On-site voting, 18% Postal Voting
- AFE 2014: 43% Online Voting, 57% On-site voting, 18% Postal Voting
Online voting evolution

eConsultations engagement growth
of over 420% with over 28
eConsutations run from 2005 to 2014

Online voting engagement growth of
over 238% with over 6 online elections
run from 2005 to 2014
Worldwide leader
in secure electronic voting &
election modernization software solutions

Strong scientific background
university spin-off

VC-backed
Balderton Capital, Nauta Capital,
Vulcan Capital, Spinnaker Invest,
Vy Capital, Adams Street Partners,
Industry Ventures and Sapphire Ventures.

+75% market share
in online voting with
19 out of 21 countries
using our system

Largest patent portfolio in the industry
47 patents worldwide
Scytl Election Modernization & Online Voting Security

“Scytl has built an impressive set of global reference. This gives the organization an in-depth understanding of election challenge, a critical success factor in determining best practices in this fast-evolving market.”

Scytl eDemocracy & eGovernance

“While many citizen portals are one-offs, a number of vendors, such as Scytl, provide off-the-shelf platforms for consultations or electronic town halls…”

Scytl Election Modernization

“There is an inexorable march towards a reliance on technology to make elections more transparent, efficient, secure, accessible, and reliable. Scytl fits squarely into this trend, providing an end-to-end election modernization platform targeting all election management phases: pre-election, election day, post-election, and overall governance.”

Scytl Election Modernization & Online Voting Security

“F&S's independent analysis of the Governmental Online Voting Services market clearly shows that Scytl is the undisputed leader regarding online voting and election modernization.”
Top 25 Start-Ups to Watch in Europe, Informilo
Innovation & Transformation Excellence, Adigital
2015 European Tech Tour Special Jury Award, European Tech Tour Association
European Business Awards National Champion 2015 & 2014, RSM International
Deutsch-Katalanischer Unternehmer Preis, HLB Bové Montero y Asociados
Frost & Sullivan, 2014 Government Online Voting and Election Modernization Innovation and Leadership
Longhorns Bully Award Champions of European Innovation, White Bull
ICT Prize, European Commission
European Venture Contest Award, European Association of Venture Capital
Best Case Label, European Commission
e-Governance Award “Excellence in Government Process Re-engineering”, Government of India

European Tech Tour Award, European Tech Tour Association
Leader de l’ITech-Economie, French Chambers of Commerce
Global Innovator Award, The Guidewire Group
Red Herring 100, Red Herring Magazine
Premi Ciutat de Barcelona, City of Barcelona
ebiz eGovernment Award, Austrian chancellery
Tech Start-up 100, The Telegraph
eWorld Award, Government of India
Excellency in Technological Innovation Award, COETTC
National Media Awards “Internet”, Government of Catalonia
SSD Highly Successful Project Award, HP
Solution Portfolio
Audits & certifications

European Commission (EU)

Canton of Neuchâtel (Switzerland)

City of Barcelona (Spain)

Electoral Commission (Philippines)

State of Victoria (Australia)

State of Gujarat (India)

State of Florida (US)

Ministry of Science and Research (Austria)

Ministry of Justice (UK)

Ministry of Local Government (Norway)

Ministry of Foreign Affairs (France)
Description of the voting process
How it works: high level process overview

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The importance of advanced security

Essential requirements of an online voting solution

- Standard security
- Strong authentication
- Integrity and Verifiability
- Privacy
- Auditability
- Transparency
Added value of Scytl’s solution

Key aspects

Expertise

• Industry leader and electoral domain expert
• Open, scalable platform
• Global infrastructure
• Full service solution
• Highest security standards available

Accessibility

• Adapted for voters with disabilities
• Internet voting flexibility
• Voter self-verification
• Available on Google Android, Apple iOS, and Blackberry
Demonstration/Explanation

Raúl Vallejo
Senior Scytl Project Manager

Klaus Thalmann
General Manager Scytl Europe
Innovating Democracy