

The OASIS Election & Voter Services Technical Committee

EML Interoperability Demo

TC Overview

■ History

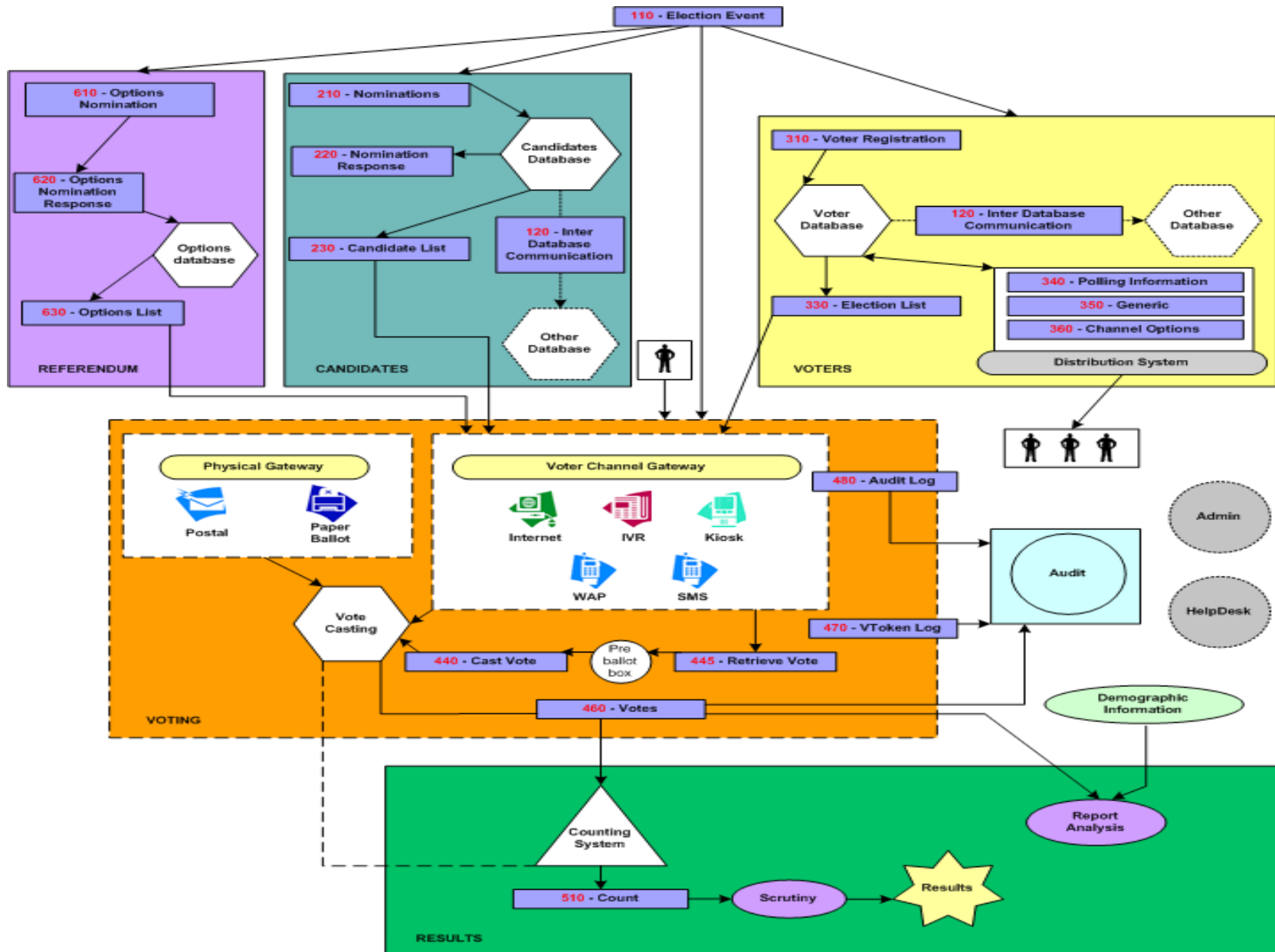
- Formed March 2001
- Chair since Aug 2001- UK Gov't (currently Ministry of Justice)

■ Membership

- Boynings Consulting
- EDS
- ES&S
- Everyone Counts
- IBM
- Open Voting
- Opt2Vote
- Oracle
- Security & Standards
- University of Berkeley

Committee Charter

- The purpose of the Election and Voter Services Technical Committee is to develop a standard for the structured interchange of data among hardware, software, and service providers who engage in any aspect of providing election or voter services to public or private organisations.



Auditability

- Transparency and Auditability are key Electoral requirements:
 - In e-voting systems in particular
- Using EML open interfaces can provide transparency of the whole voting process from the time the votes are cast to the final count.
- Our Demo illustrates the reconciliation of the number of authorised voters with votes cast and votes counted by channel and in total.

Auditability

- Full scale deployment of systems to an electoral assurance framework incorporating EML provides:
 - Secrecy of the voter and their vote
 - Transparency, verifiability and auditability of the whole election
 - “Comfort” to the voter

Interop Demo – Results

EML INTEROPERABILITY DEMO - BALLOT 1

Which one of the topics at this conference would be of most interest to you at a future conference?

Business and Organizational Change

☐

Applications and Processes

☐

Quality of Service: Security

☐

Collaboration

☐

Quality of Service: Messaging

☐

EML INTEROPERABILITY DEMO - BALLOT 2

Which of the following areas would you most like to see OASIS be more active in the coming year?

Service Deployment, Management and Governance

☐

Content Design, Semantics and Vocabularies

☐

Messaging Layer protocols, functions and quality of service

☐

Approved standard support

☐

Vertical Domains

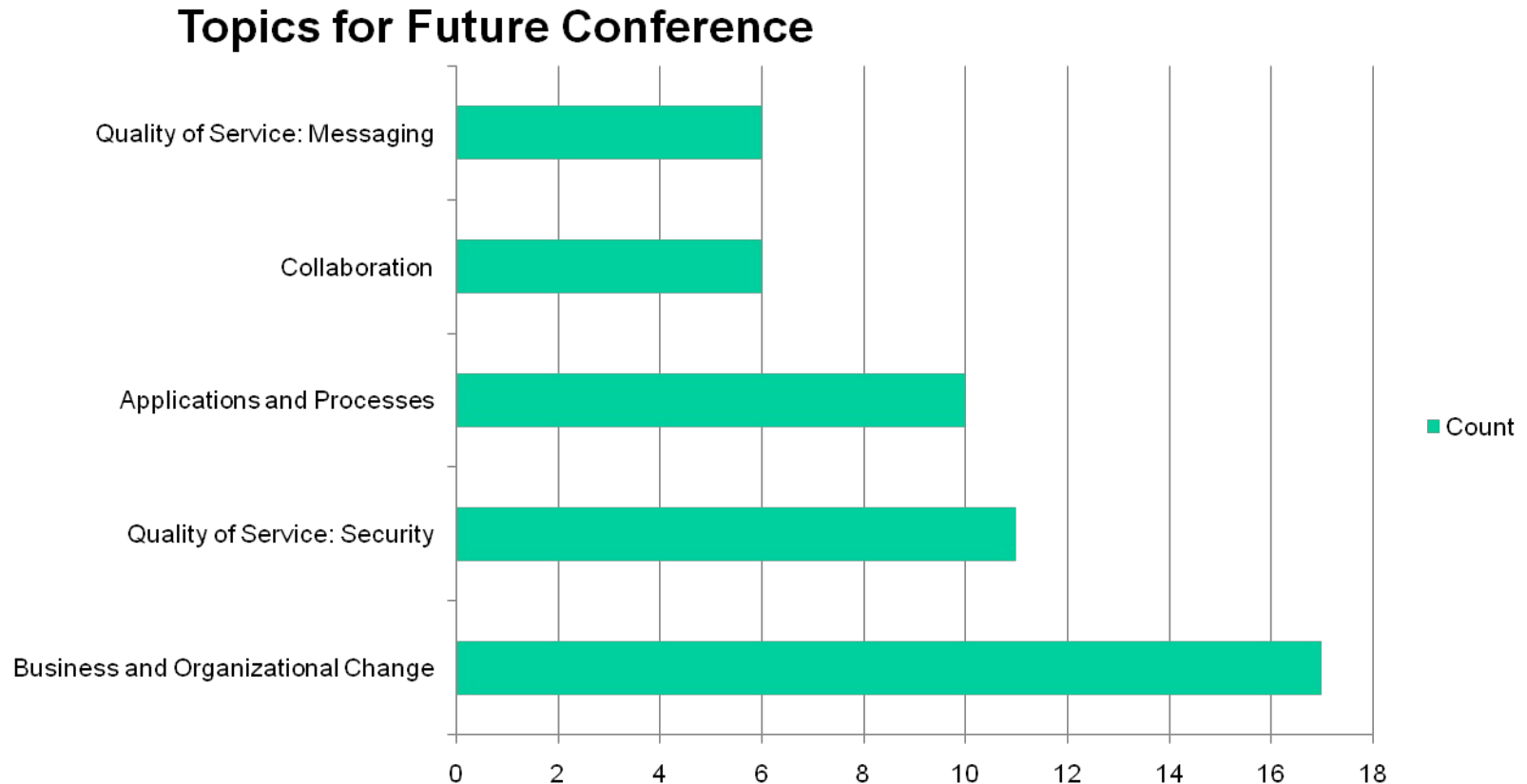
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Results

■ <http://sven.rubben.googlepages.com/InterOpResu>

Results – Ballot 1

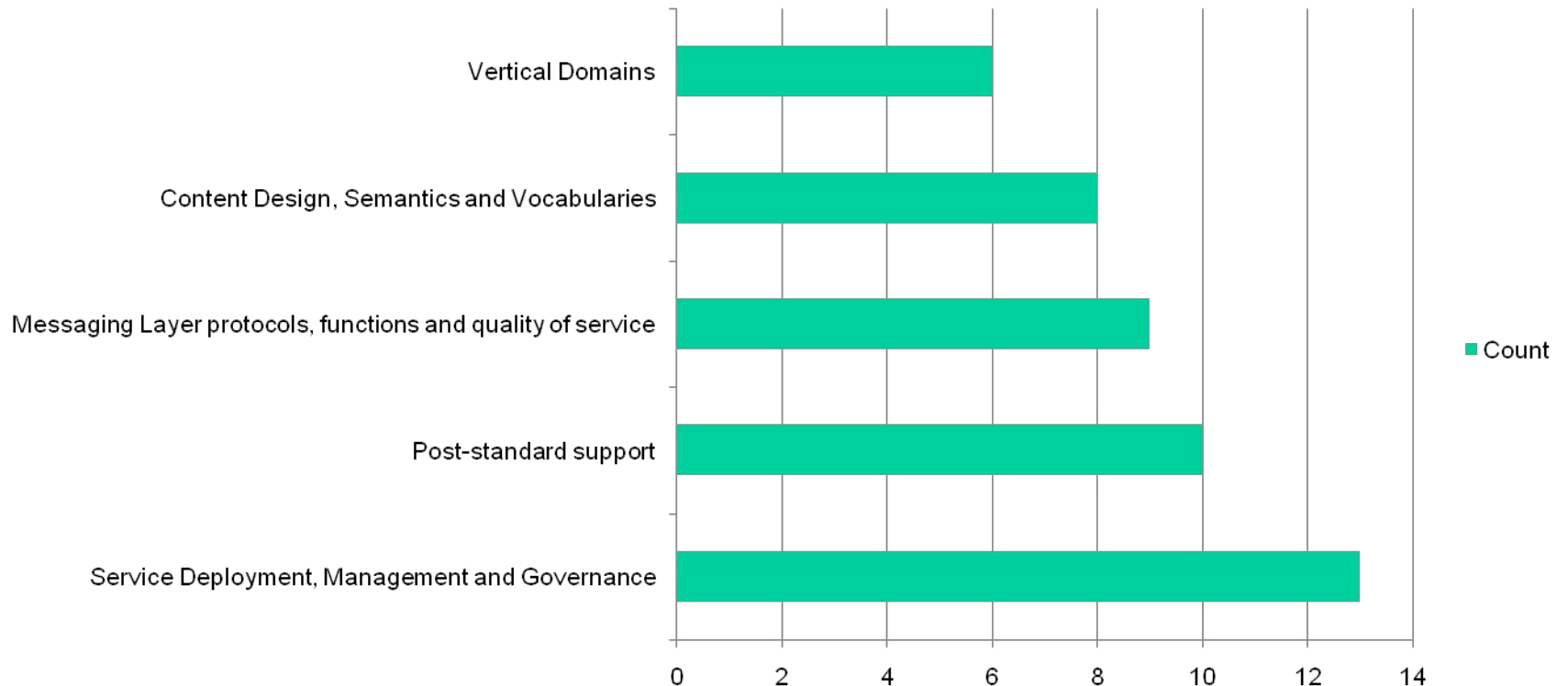
Which one of the topics at this conference would be of most interest to you at a future conference?



Results – Ballot 2

In which of the following areas would you most like to see OASIS be more active in the coming year?

Areas for Future OASIS Work



Conclusions

- It is extremely unlikely that in the future elections will not have some e-enabled component(s). It's probably more a question of how many components and when they are introduced. But there are still many concerns to be allayed and a good deal of confidence that needs to be built before e-voting becomes the norm.
- However EML is the base on which to build future e-enabled elections that will be trustworthy, open and creditable.
- Hopefully our Demo has shown how EML can be used to this end goal.
- Thank you all for your participation.

Contacts:

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OASIS TC

**[www.oasis-open.org/committees/tc_home.php?
wg_abbrev=election](http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=election)**