

# The How's and What's of Conducting Open Source Pilots

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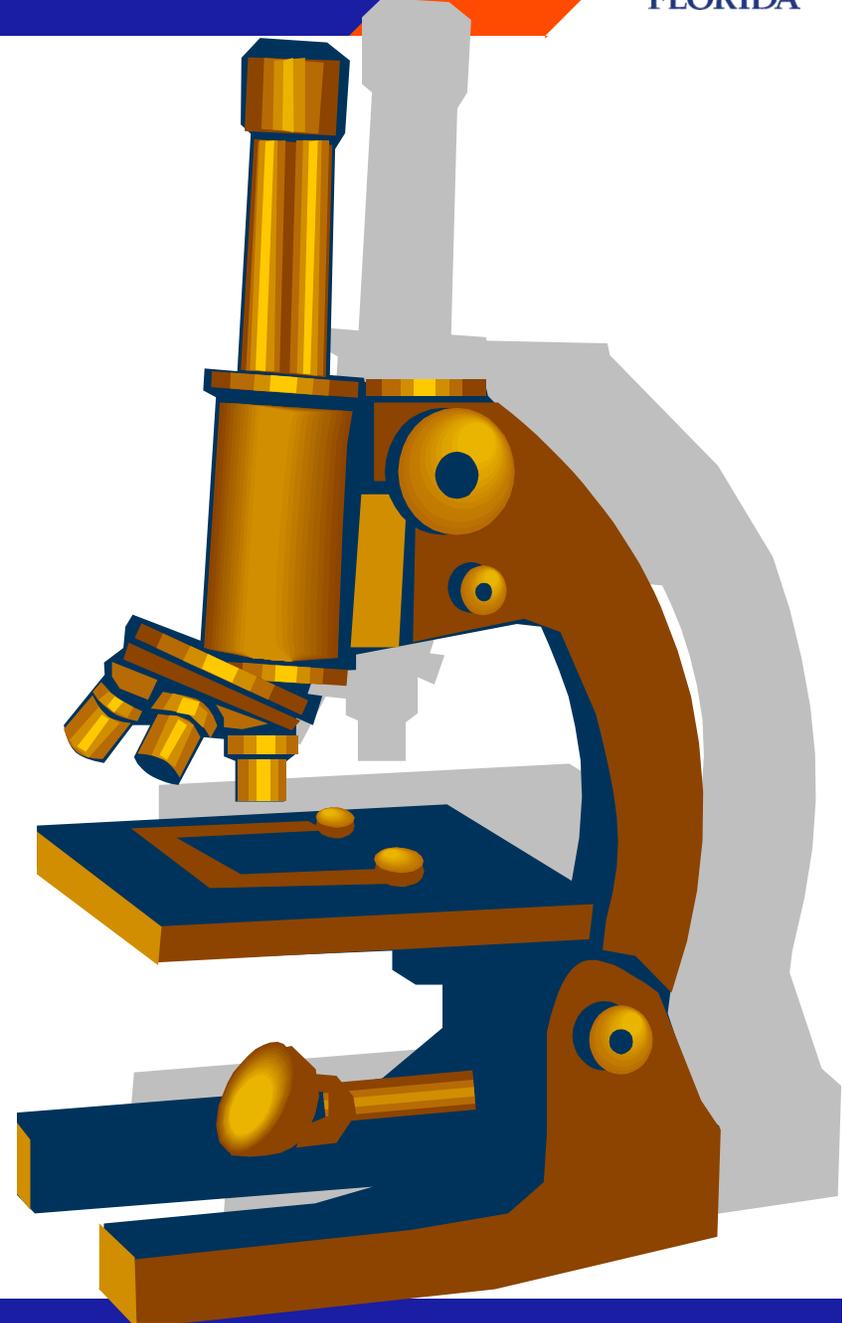
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## Open Source Election Pilots



# Oregon

- Rehabilitation Centers
  - Primary Mail-In Ballots
- Windows based tablets
- Wireless Printers
- Hundreds of ballot styles
  - XML based definition file



# Oregon

- Voters took their time
  - I recall some 45 minutes to vote
- We provided support with Oregon's tech staff



# Wisconsin

- Use HP All In One and HP Printers
- Setup was not very appealing to look at
  - Wires and equipment
- Some voters were reluctant, but enjoyed the experience
- Tally had issues, but we manually counted



# New Hampshire 2014



# New Hampshire 2016



# New Hampshire

- Superior technical staff
- Support from Secretary of State's Office and beyond
- Screen size was small
- Use keyboard, therefore, they locked down the system
- Use the synthetic voice



# Open Source

Pros & Cons

## Considerations for Implementing Voting Systems with COTS Products

By

Brian Hancock, Merle S. King, & Matthew Masterson

Cons



[http://bowncentertorpublicaffairs.org/wp-content/uploads/2016/06/Considerations-for-Implementing-Voting-Systems-with-COTS-Products\\_2016.pdf](http://bowncentertorpublicaffairs.org/wp-content/uploads/2016/06/Considerations-for-Implementing-Voting-Systems-with-COTS-Products_2016.pdf)

# Cons

- No open source system has been EAC certified
- Requires technical support
  - Either your staff or a 3<sup>rd</sup> party
- Concerns about expiring licenses
- Software updates vs. certification

- Costs
  - Open source is a much cheaper model
  - Buy or lease equipment
    - Surplus older equipment, reuse it, etc.
- Transparency
  - Elections should be transparent
- It's yours
  - You own it, you manage it, you can modify it

# Pros

- Maintenance and Modifications
  - Center for Elections Technology at UF
  - Consortium of States



# Prime III



*One Machine, One Vote for Everyone*

Demos

<http://www.p3v.us>



# Thank You



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