

February 28, 2023



Mr. Shane Hamlin
Executive Director
ERIC
1201 Connecticut Ave NW
Washington, DC. 20036

Re: Election Integrity Database – Minimum Viable Product – MVP – Open Letter

Dear Mr. Hamlin,

My name is Jay Valentine and I direct the Fractal Technology Software Team at Project Omega.

This letter is to advise you that using our Fractal Technology software we processed the voter rolls for multiple states that use the ERIC system, and the results demonstrate ERIC is failing to clean voter rolls, and the number of fake people and fake addresses in the voter rolls is large enough to change election outcomes in every state we examined.

Our Background

We built artificial intelligence applications for decades, far before AI became trendy.

Members of our team solved massive fraud and security problems that plagued companies and industries for years where no previous solutions were effective or available.

- **eBay** - successfully eliminated an entire generation of cyber fraud
- **State Farm, USAA, GEICO** - identified and stopped sophisticated multi-million-dollar auto insurance fraud rings
- **TSA No-Fly List** - developed the underlying name-matching technology to screen out terrorists and other corrupt actors

We have the expertise to find people hidden, accidentally or deliberately in complex data.

Applying Our Technology to Voter Rolls

In April, 2021, Wisconsin citizens invited the Fractal team to apply our disruptive technology, Fractal Programming, to examine the Wisconsin election roll and assess its overall accuracy.

What we discovered, massive voter roll inaccuracies, led us to look beyond one state's records to those of many others.

In states running ERIC, we regularly found voters registered in jails, hotels, cognitive care facilities, RV Parks, churches, UPS Boxes, libraries, skating rinks, under-construction-buildings and scores of other properties which cannot legally house a registered voter.

By way of example, in just about every state we examined, there were many – often hundreds – of voters older than Abraham Lincoln registered, active and voting. Even a cursory review, with simple technology should have quickly flagged them.

We were equally concerned as to how there could be people registered and active at a college fraternity house – who were over 50 years old, some over 105 years old. A simple examination using a Microsoft Excel spreadsheet would have identified these screaming “anomalies.”

We found the ERIC system does not appear to clean voter rolls in a manner consistent with what current technology enables.

Great Concern for Election Integrity

Tens of thousands of phantom voters remain on the rolls in every state we examined – in some states there are hundreds of thousands.

There are enough “phantom” names and addresses in voter rolls of states using the ERIC system to impact election outcomes.

The numbers of “phantom” voters embedded within voter rolls ought to be a huge concern to ERIC's management team and should alarm every state that uses the ERIC system.

Additional Findings

Registration Manipulation in Voter Rolls

Using Fractal analysis, aided by our advanced artificial intelligence (AI) address matching, we found actual movement in data rolls that should concern citizens.

A few months before elections, we observed a steady increase of new voter registrations which retreat and disappear right after the election. This critical information should have been reported to states where key counties in their states saw previous registrations erased and removed right after elections. We have no indication that such notification was given.

Zip Code Manipulation in Voter Rolls

We discovered election commission changes to zip codes of a county's citizens around the time mail in ballots are printed and mailed. These ballots become undeliverable and "free floating" and subject to corruption.

Undeliverable Ballot Database

This led us to develop an innovation - The UnDeliverable Ballot Database. This database profiles each physical location in any state using personal property tax records. Addresses are run through an AI Address Engine, then cross-checked with the equivalent address in the voter registration files.

Thus, with complete fidelity, one can determine where an election commission intends to send a mail-in ballot but is unlikely to find its recipient.

Real Life Application

In an expert witness report for a southwestern state governor's race, we showed how the county election commission made thousands of changes to its voter rolls AFTER the legal date to do so. Every such change is illegal. Many of those ballots were ineligible to be cast.

The number of such changes, in only one county, was enough to impact the outcome of that election.

ERIC should have discovered this and reported it immediately to election authorities. But as ERIC does not appear to perform real time voter roll analysis, such election interference, by an election commission, went unreported.

Fractal Technology

Fractal technology is far more advanced than the methods ERIC appears to use.

Our current record count is far larger than that run by ERIC because we make transparent the "movement" within election rolls. We take "snapshots" of every voter roll multiple times across multiple dates. We compare every record, against every other record, in every time series – and identify a change as subtle as a missed comma. We can identify every change made by elected officials that could impact an election and make them visible to citizens.

In some states we have 30 or more copies of their voter roll from different dates. This comparison enables us to show users how data changes over time. Those changes – over time – in the same voter roll opened a new vista in finding anomalies requiring attention.

This is pretty valuable information to voter integrity teams – as well as to candidates.

With Fractal technology, we can process every voter roll, in every state, on multiple dates, on a few small computers, with every query delivered at silicon speed – to a citizen’s or elected official’s phone.

We believe this should now be the absolute **minimum standard** for every state.

A New Level of Transparency

As noted, **personal property tax records** are available on-line from most counties for citizens to examine, challenge, rectify. Citizens have confidence they are being taxed in a manner consistent with their neighbors – because that data is transparent.

There is no reason **election rolls** should not have the same level of transparency – leading to accuracy and confidence. They should no longer remain opaque, with no ability to see who is added or removed. Citizens and/or their elected officials as each state designates – need full transparency.

The Exponential Growth of Our Services

We currently run the voter rolls for about 12 states, with about 1.7 billion records. Another 10 state voter integrity organizations made rolls available – we expect to add them 2023.

The UnDeliverable Ballot Database is now built and will expand to many states.

What Citizens Want

In 2021 and 2022, we learned citizens in every state desperately want clean voter rolls.

Polls continue to show citizens do not believe voter rolls are clean – they believe the opposite is true. Our analysis proves, with no room for doubt, every state’s voter roll we processed does not meet the **minimum standard required of a public corporation**.

Comparing state voter rolls to county rolls shows they often do not reconcile – by wide margins. Comparing voter rolls with personal property rolls – considered by many as the most pristine government database – shows they do not reconcile as well.

There cannot be two sets of government records – property tax rolls and voter registration rolls that do NOT AGREE! It should be... inconceivable... yet that appears to be the case.

Minimum Viable Product

A Minimum Viable Product (MVP) is needed – a set of features, from any vendor, every state can adopt to maintain accurate voter records, reconcile state and county rolls, and help registrars keep voter rolls clean.

The MVP we attach in this letter can be delivered in any state, in 45 days or less, into full production, at a modest cost, and will make voter rolls transparent, accurate and credible.

I take this opportunity to share with you what the MVP should be. In the attached document, I present the absolute minimum we believe ERIC should deliver to meet its charter – cleaning voter rolls.

Next Steps

I invite you and your team to add features to this MVP list and together we can offer our great country better, multiple alternatives to clean voter rolls, make all changes transparent, real time, to citizens, on their phone, at silicon speed and with surprising economy.

Thus, ERIC can finally meet its charter to keep voter rolls clean and accurate.

If not, states have an alternative they can test and implement in 45 days or less, at a cost of less than a single, middle-management level employee.

We are contacting the Governor, Attorney General and Secretary of State for all ERIC states to share these recommended Minimum Viable Product requirements.

We will also make our findings available to these executives of what we are seeing with current ERIC-managed voter rolls – in live demonstrations.

By this letter, we have introduced ourselves. We look forward to meeting you in person soon.

Best regards,

Jay Valentine
Project Omega
www.Omega4America.com

Copies:

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Attorney General of all ERIC users

Secretary of State of all ERIC users
Mr. George Soros, Open Society Foundation
Chairman Republican National Committee
Chairman Democrat National Committee