

# CHESTER COUNTY ELECTIONS

Audit The Vote PA - www.AuditTheVotePA.com Vico Bertogli III - 2022.07.11



## **Chester County Statistics from November 2020**

- Total estimated population according to US Census: 534,413
- Population ranking amongst PA counties: 7/67
- Registration ranking amongst PA counties: 6/67
- 2020 Election turnout ranking amongst PA counties: 2/67
  - In the above we're looking at percentage turnout based on registered voters, not total numbers of votes
  - Chester County saw the second highest turnout in Pennsylvania, behind Montgomery County
- 2020 Election turnout percentage: 85%

# TOP ANOMALIES

## Mail anomalies

#### Mail Ballots tied to Voter ID's not on Pennsylvania's voter rolls - 1000 (10,515 statewide)

- ➤ These are people who requested, filled out, and returned a mail ballot whose IDNumber didn't exist anywhere on Pennsylvania's voter rolls around the election period
- ➤ Most of these Mail Ballots were "F" type ballots
- ➤ Chester County is the only county that marked "FWAB" as the ballot destination address (34 total, 12 tied to non-existent IDNumbers)

#### Mail Ballots received after the election - 4469 (71,893 statewide)

- ➤ These are ballots marked as being received *after* 11/3
- > We know that in order to obtain Pennsylvania's certified Presidential vote totals, late ballots were counted (Minimum of 37.8k statewide)

## **NCOA** anomalies

- ➤ Moved out of Pennsylvania; Voted in Chester County 950 (16,000+ statewide)
- ➤ Moved to another county in Pennsylvania; Voted in Chester County 438 (11,000+ statewide)

## Misc anomalies

- ➤ Registrations missing from April 2020 rolls with registration dates prior (Backfilled) 3946 (74,090 statewide)
- ➤ Potential number of registrations appearing at least twice (Duplicates) 2434 (56,681 statewide)
- > Actual number is higher, 3,292, as only 2,434 fall solely on Chester's county's rolls

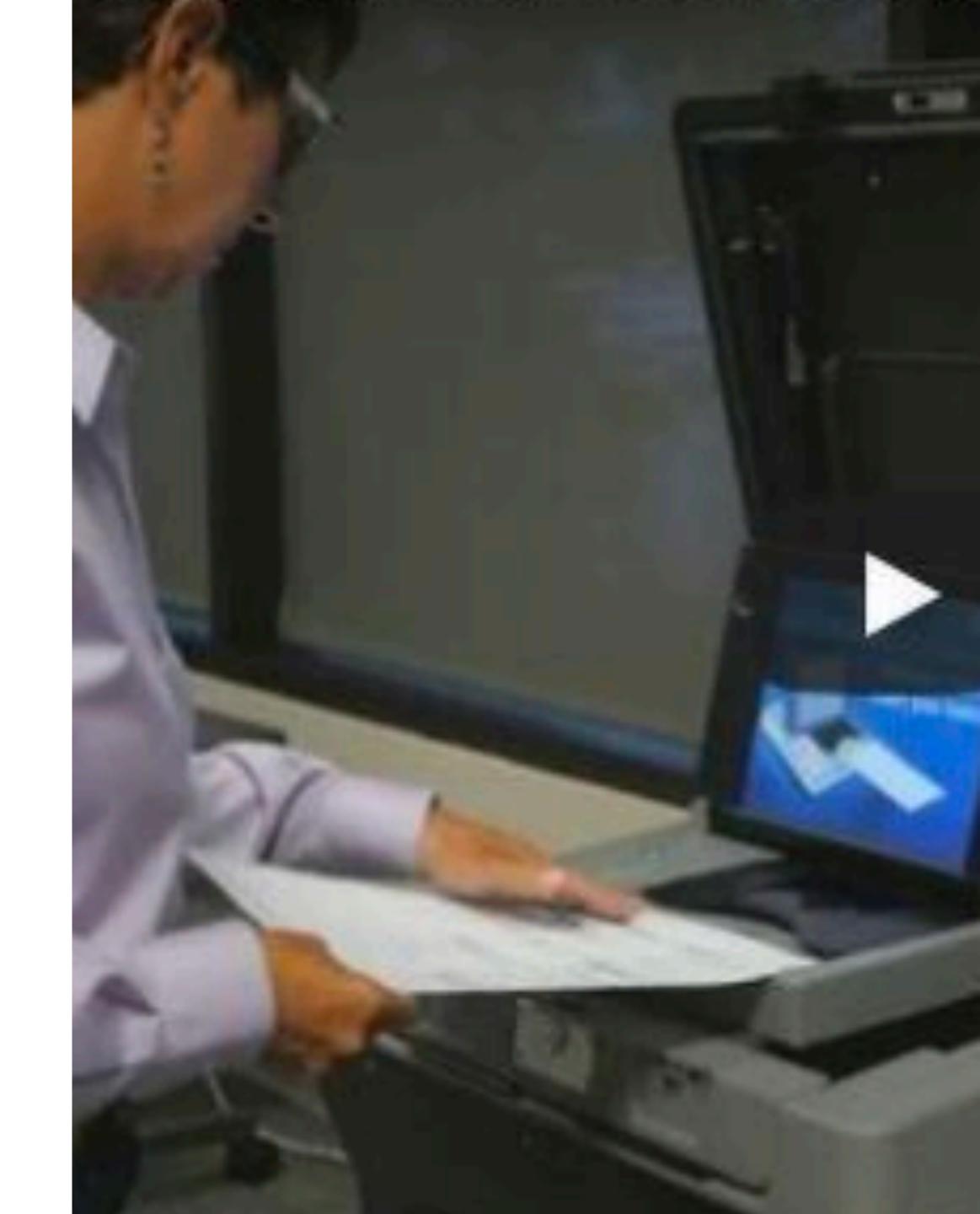
# CHESTER COUNTY CANVASSING UPDATE

- ➤ Audit The Vote PA's Chester County Canvassers visited 250 homes
  - ➤ We spoke with the voter and they completed our survey at **95** different addresses (38%)
  - There was some anomaly or issue with the response at 44 (45.23%) of the homes we visited
- ➤ On our survey, we ask "To the best of your ability, how many people were registered at this address for the 2020 election?" 86 people answered this question for us
  - > 32.56% of the responses did not match the actual number of registrations for their address at the time
  - > 24.4% of the responses showed extra registrations ("Phantom Registrations")
- ➤ On our survey, we ask "To the best of your ability, how many people voted from this address in the 2020 election?" 86 people also answered this question for us
  - > 23.26% of the responses did not match the actual number of votes at their address
  - ➤ 16.28% of the responses showed extra votes ("Phantom Votes")
  - ➤ 6.98% of the responses showed missing votes

# CHESTER COUNTY'S VOTING MACHINES

Most voters in Chester County will vote using a hand-marked paper ballot. Some voters will use the **ES&S ExpressVote 2.1** to mark their ballot. All voters will use the **DS 200 Precinct Scanner** to cast their completed ballot.

https://www.vote.pa.gov/readytovote/Pages/Chester-County-Voting-System.aspx



# WHAT DOES ES&S SAY ABOUT THEIR MACHINES BEING INTERNET CAPABLE?

- ➤ ES&S confirmed they had sold scanners with wireless modems to at least 11 states.
- ➤ While the <u>company's website states that "zero" of its voting tabulators are connected to the internet</u>, **ES&S** told NBC News 14,000 of their DS200 tabulators with online modems are currently in use around the country.
- ➤ "ES&S has repeatedly advertised its DS200 with internal modem a critical component to ES&S's voting systems as being EAC certified when, in fact, it is not," the letter said. "We therefore again respectfully request that EAC investigate and take action to correct this serious issue."
- ➤ The three largest voting manufacturing companies Election Systems &Software, Dominion Voting Systems and Hart InterCivic have acknowledged they all put modems in some of their tabulators and scanners. The reason? So that unofficial election results can more quickly be relayed to the public. Those modems connect to cell phone networks, which, in turn, are connected to the internet.
- > Source: <a href="https://www.nbcnews.com/politics/elections/online-vulnerable-experts-find-nearly-three-dozen-u-s-voting-n1112436">https://www.nbcnews.com/politics/elections/online-vulnerable-experts-find-nearly-three-dozen-u-s-voting-n1112436</a>

# KEY FINDINGS OF ES&S DS 200 SCANNERS

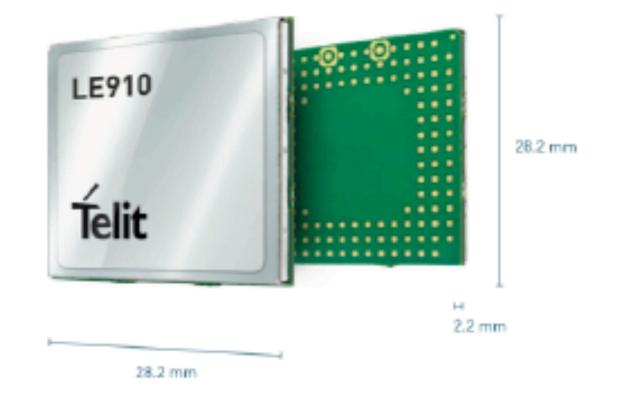
Sourced from the <u>Antrim County, MI lawsuit (exhibit 6)</u>, <u>Patrick Colbeck</u>, and James Penrose, IV

- ➤ ES&S DS200 voting machines were found to have a <u>Telit LE910-SV1 Modem Chip</u> installed on its motherboard
  - ➤ Chip <u>utilized a commercial Verizon SIM card</u> with an Access Point Name (APN) configuration specific to the ES&S DS200 provisioning
  - > Chip allows for communication between voting system equipment and election servers
  - > Difficult to detect unless you pry open the machine case to investigate the hardware
  - The printed tapes that summarize the activity during the election show that the 4G modem was used to send the results to a central listener server via secure file transfer (SFTP).



#### LE910 Cat.1 Series

LTE Cat.1 10/5 Embedded



#### Product Description

The LE910 series of Cat. 1 modules are optimized for LTE low category networks and are available in single mode and 3G/2G fallback options. In addition to VoLTE support, the LE910Cat.1 series are swappable with other modules in the xE910 family.

#### Key Benefits

- Easy to integrate with peripherals and actuators using USB 2.0 HS, UART and user definable GPIOs
- Ideal platform for IoT applications and mobile data and computing devices with ultra-compact design and extended operating temperature range
- Internet friendly with integrated TCP/IP and UDP/IP stacks, as well as HTTP, SMTP, FTP, SSL
- Simple drop-in migration and technology design reuse path to 2G and 3G with any xE910 module
- Over-the-Air firmware update

#### Family Concept

These LTE low category variants are members of Telit's flagship xE910 module family delivering 40 radio access technology in the 28.2 x 28.2 x 2.2 mm family form factor. The Telit xE910 Unified Form Factor Family is comprised of 26, 36, and 46, 36PP and 36PP2 products sharing a common form factor as well as electrical and programing interfaces which allows developers to implement a "design once, use anywhere" strategy.

#### IoT Connectivity Ready

This product is capable of supporting the extensive suite of Value Added Services from IoT Connectivity including Module Management and others which make the management of IoT deployments under mobile networks effective, enhancing profitability and reliability. It is also Portal-ready which means that the AT command library in this module includes a set of high-level commands designed exclusively for quick and hassle-free on-boarding of the device to the portal and to back-end systems and servers. Telit Portal-ready modules powered by deviceWISE make application-level data flows and controls simple to program, maintain and improve.

#### Variants

Different series of variants are available to fulfill the requirements of North America (AT&T, T-Mobile, Verizon, Rogers, Telus), Japanese and European market. Multiband configurations, covering different sets of 4G bands as well as MNO certifications, are available.

#### AVAILABLE FOR

EMEA	
North America	
Latin America	
Japan	
Korea	
Australia	

#### Combine your Cat 1 module with

High precision GNSS modules



www.telit.com

Complete, Ready to Use Access to the Internet of Things









# MORE INFO ON TELIT'S CHIP

- ➤ According to the hardware summary specifications data sheet from Telit, the LE910-SV1 comes standard with "Internet friendly integrated TCP/IP and UDP/IP stacks, as well as HTTP, SMTP, FTP, SSL." (Figure 7)
  - ➤ These features are very useful to application programmers but are also ripe for abuse by unauthorized users of the APN devoted to the ES&S machines

a talent4boards.com/telit-communications-welcomes-yuxiang-yang-to-its-board-as-non-executive-director/

# Telit Communications welcomes Yuxiang Yang to its Board as Non-Executive Director

June 25, 2020 by Talent4Boards Feed Up

UK, London - Telit Communications PLC (LON: TCM), a global enabler of the Internet of Things, announced the appointment of Yuxiang Yang to its Board as a Non-Executive Director effective immediately.

"On behalf of the Board, I am delighted to welcome Yuxiang Yang as a Director of Telit. We have got to know him well in recent years and are confident that his considerable knowledge of the sector, as well as some of our key markets, will add substantial value to the Board's activities and to the Company as a whole," said Board Chairman, Simon Duffy.

Following this appointment, the Board comprises six non-executive and two executive directors.

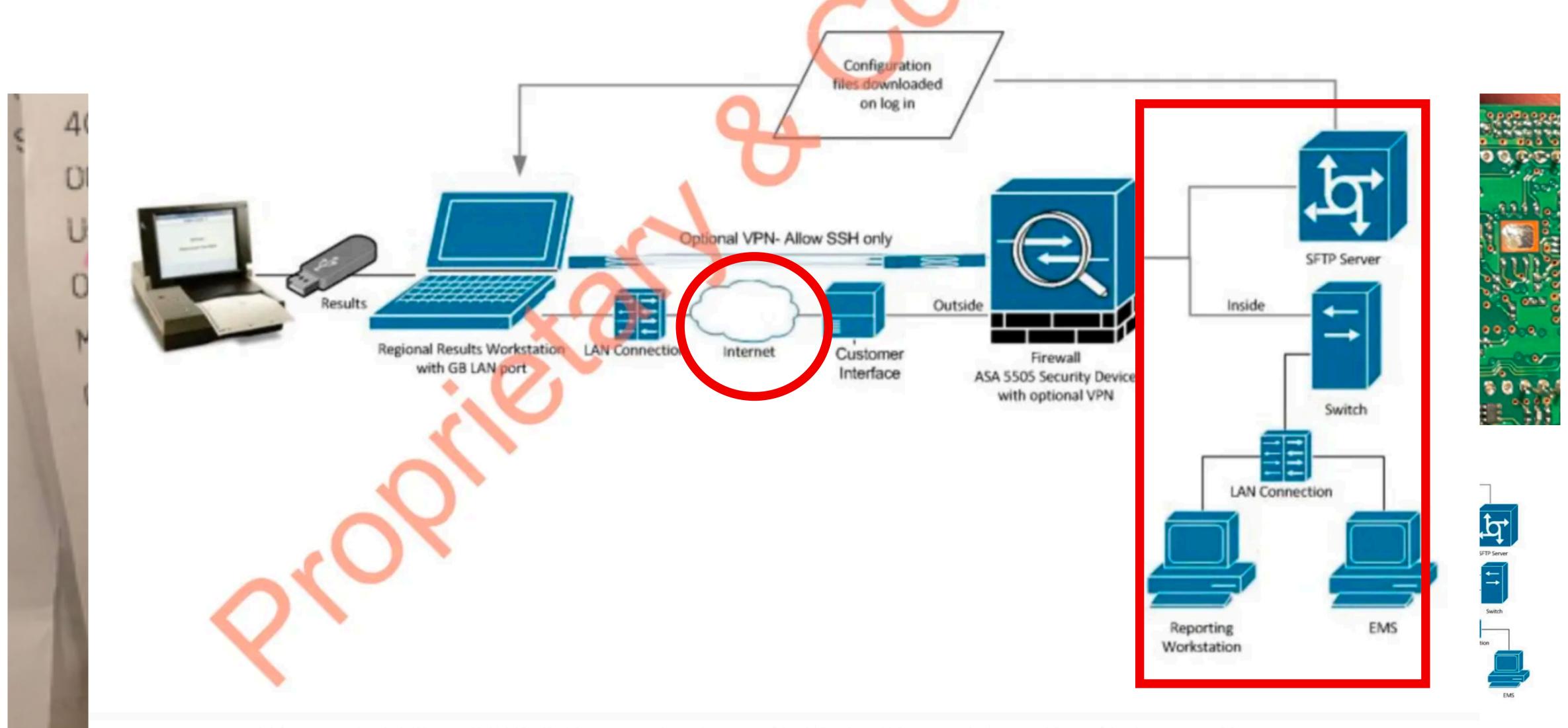
About Yuxiang Yang

Mr. Yang brings considerable experience from a career in investment and financial markets and is founder and CEO of China Fusion Capital, a Chinese investment management group. As part of this, Mr. Yang is the CEO of Run Liang Tai Management Limited, a significant shareholder of Telit, holding approximately 15.1 per cent of the Company's shares. Mr. Yang is also CEO of Yidian Zixun a leading news aggregation platform. Prior to founding China Fusion Capital, Mr. Yang served as Chairman and CEO of Ping'an Securities (a China-focused investment bank) amongst other roles and is currently also a board member of Sunsea AloT Technology Co. Ltd.

# MORE INFO ON TELIT

- ➤ Telit is a publicly traded company Internet of Things (IoT) and Machine to machine (M2M) company headquartered in London, UK with operations in Trieste, Italy. In late 2017, Run Liang Tai Management in Hong Kong built a 14 percent stake in Telit. Mr. Yuxiang Yang sits on the board of directors for Telit (see Figure 8) and is CEO of Run Liang Tai Management Limited.
- ➤ A media report from August 15, 2020 from the UK online publication *Financial mail on Sunday* indicated that there were concerns raised about Chinese influence of the Telit firm within the UK Government.

# KEY FINDINGS OF ES&S DS 200 SCANNERS (CTD.)

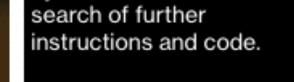


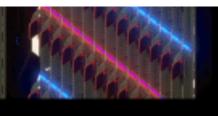
ES&S DIAGRAM THE COMPANY SUBMITTED LAST YEAR TO TRAVIS COUNTY, TEXAS, AS PART OF A CONTRACT PROPOSAL SHOWS THE REPORTING SYSTEM AND ELECTION-MANAGEMENT SYSTEM DIRECTLY CONNECTED TO THE SFTP SERVER THROUGH THE SWITCH, AND ALL OF THEM ARE CONNECTED TO THE FIREWALL.

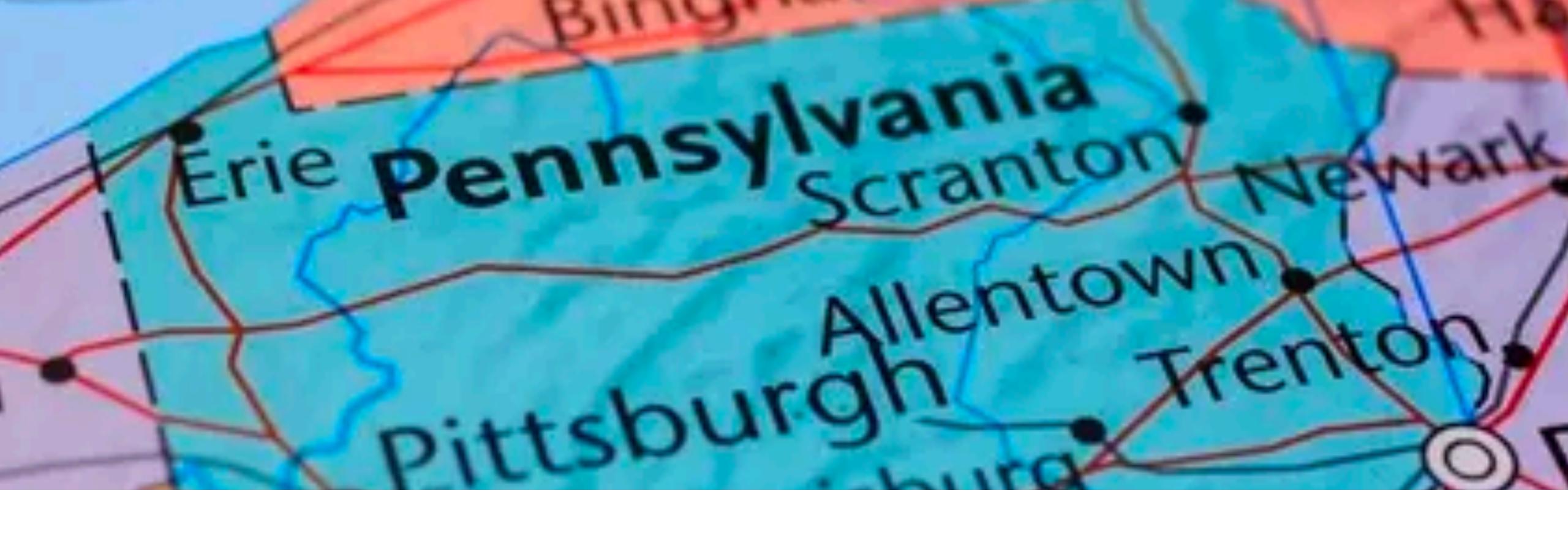


How the H

The security of the global technology supply chain had been compromised, even if consumers and most companies didn't know it yet







# PENNSYLVANIA ELECTION INTEGRITY UPDATE

What's new & What kind of roadblocks are we facing?

# UPDATES & ROADBLOCKS

- > Tens of thousands of anomalies referred to various authorities
  - > Some counties have taken these seriously and have addressed/begun addressing issues in the voter rolls
  - The worst counties continue to ignore these issues and act in ways that go against their legal requirements
- > 100k + Pennsylvanians signed our petition demanding a full forensic audit of the 2020 election
  - ➤ ATVPA was working with the legislature to define the scope of the audit, before Jake Corman hijacked control of the Audit
- ➤ ATVPA is the only entity in Pennsylvania to have received *any* ballot images or CVR, and from Allegheny County of all places
  - ➤ Per the Allegheny County response, they granted our request **in full** and handed over all the Allegheny County CVR's and Ballot Images
  - ➤ We performed a simple count (and had other analysts as well to verify), and discovered that Allegheny County is short 60k ballot images compared to what they certified
  - ➤ After Allegheny County granted us the BI/CVR's, the DOS issued strict guidance to all counties to not comply with RTK requests for BI's or CVR's



# THANK YOU

If you want to contribute, please consider donating at <a href="https://www.AuditTheVotePA.com">www.AuditTheVotePA.com</a>

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# **GET THE FACTS AND FIX 2020**



Audithe Vote PA.com