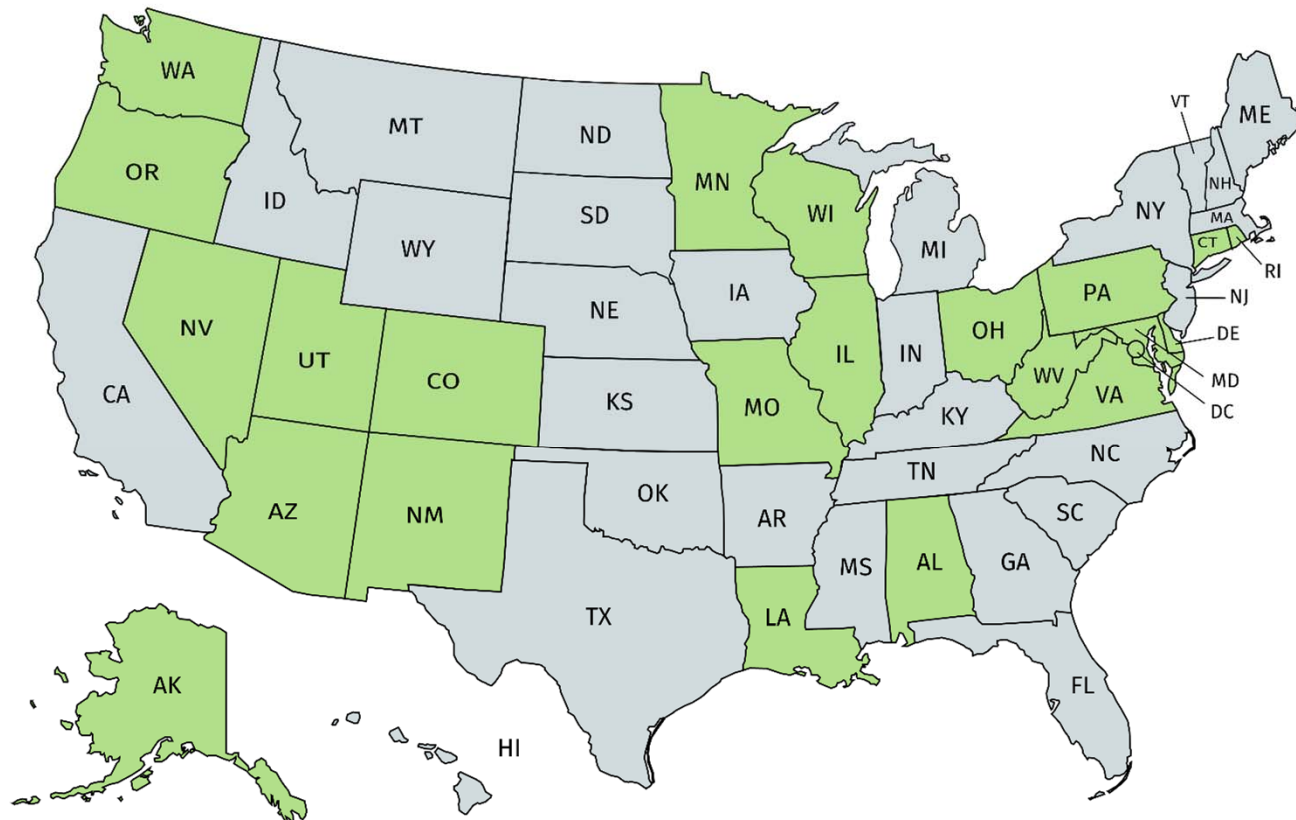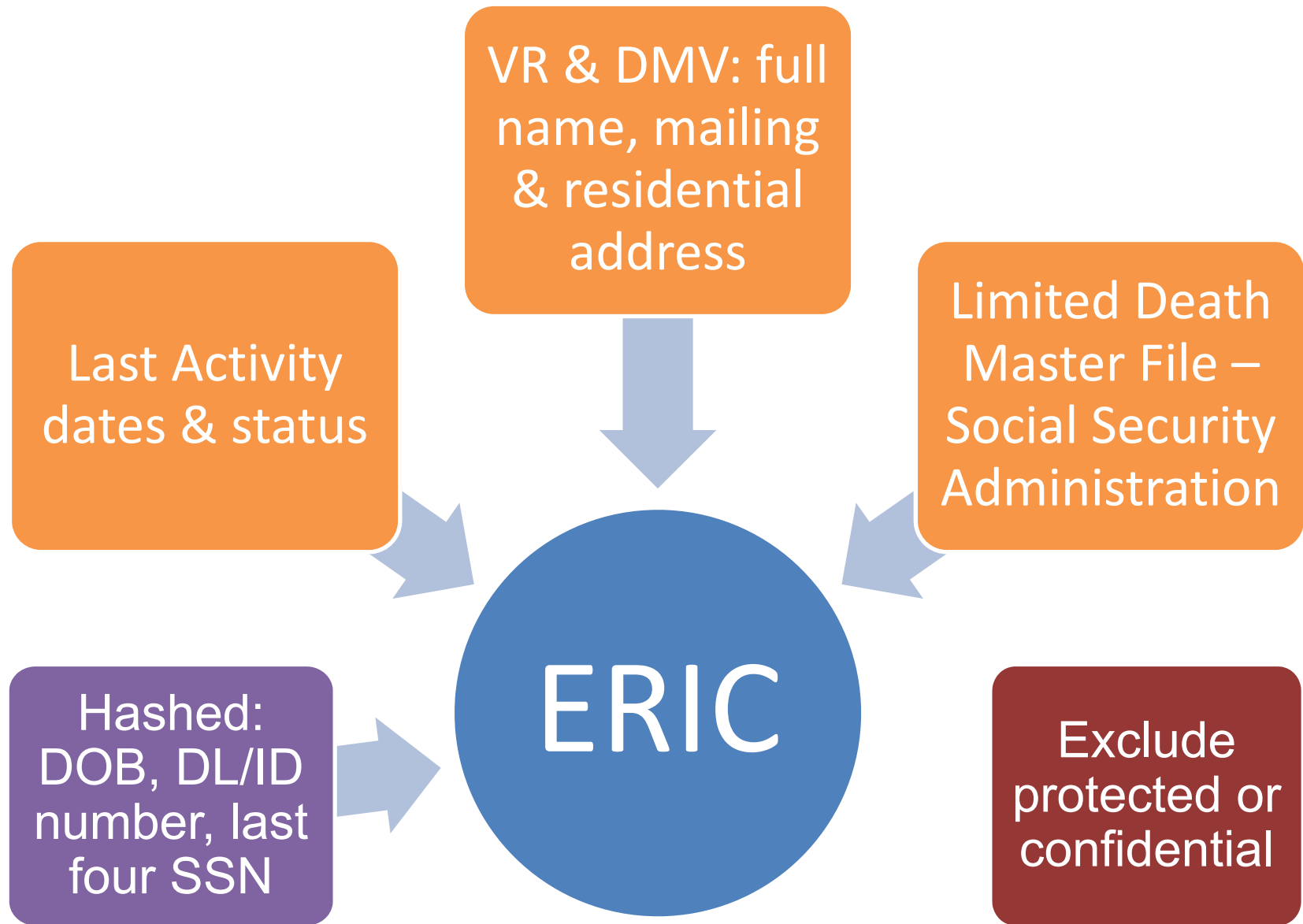Improving the accuracy of America's voter rolls and increasing access to voter registration for all eligible citizens.

Ericka Haas
Systems Engineer & Technical Liaison

ERIC membership: 22 states and the District of Columbia

VR & DMV: full name, mailing & residential address

Last Activity dates & status

Limited Death Master File – Social Security Administration

Hashed: DOB, DL/ID number, last four SSN

ERIC

Exclude protected or confidential

Reports to ERIC Members

- Eligible but Unregistered

Outreach

- In-state Movers
- Cross-state Movers
- Deceased
- In-state Duplicates

List Maintenance

Security from the ground up

Standards-based risk management practices

Continuous improvement

Internal and external review

Multiple layers

Cryptographic One-Way Hash

Input: Last 4 of SS   Output

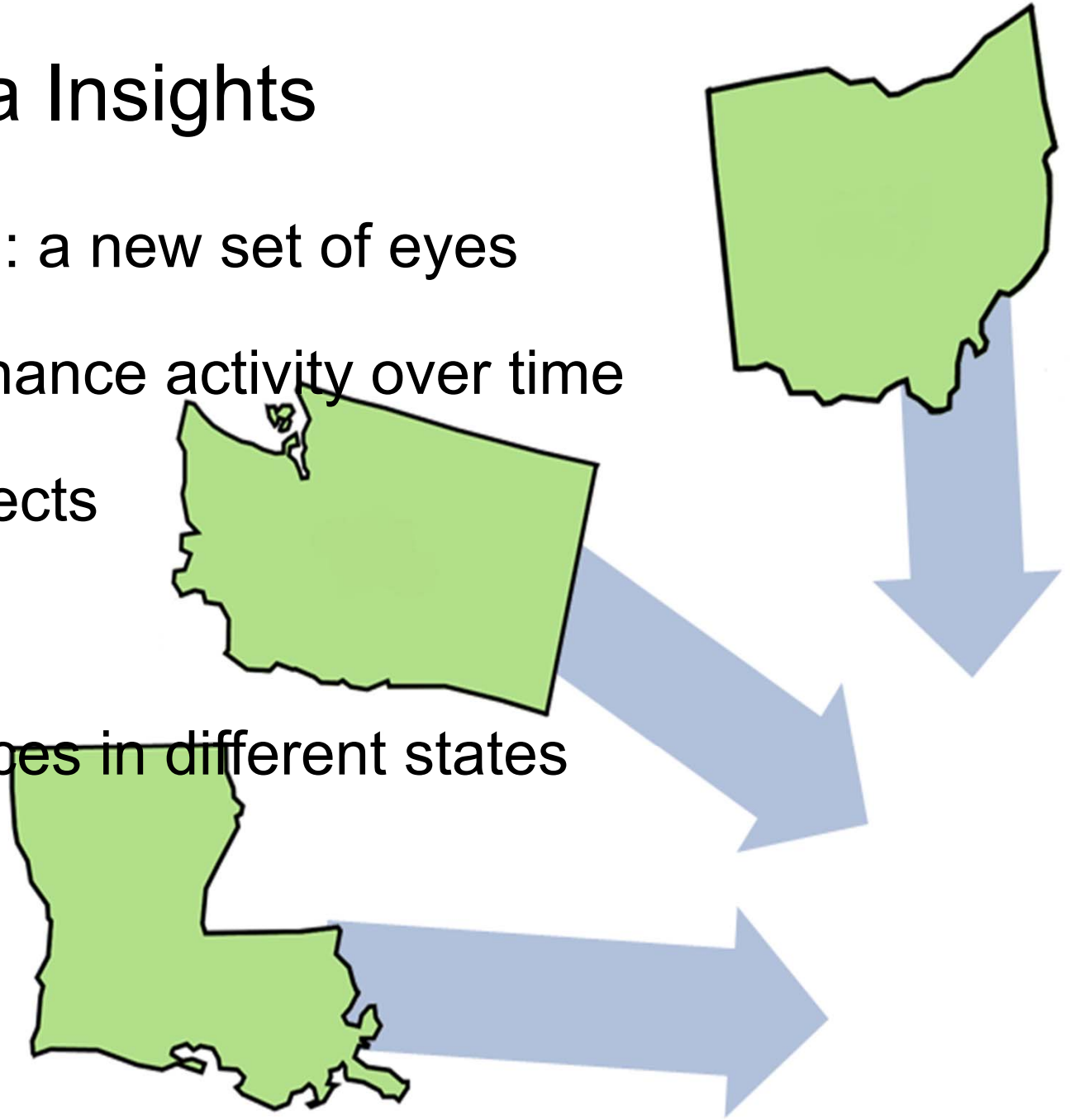| 0123 | → | Hash Function | → | bwp8v4qsdWr4kfe3 |

- Driver's License/ID Number
- Social Security Number
- Date of Birth

No key to restore the data to its original value.

Cross-Data Insights

- Onboarding: a new set of eyes

- List maintenance activity over time

- Election effects

- Addresses

- DMV practices in different states

John Q Sample

State	Agency	When	Status	Residence	Mailing	Phone	Email
Wisconsin	Voter	2011	X	PARK PL			
	DMV	2011	X	PARK PL	COURT ST		
DC	Voter	2015	I	COURT ST		555-1212	john@gmail.com
	DMV	2013	A	SUMMER AVE			john@gmail.com
Minnesota	Voter	2016	X	STAR CIR		555-1212	john@gmail.com
	DMV	2015	X	STAR CIR			
Maryland	Voter	2016	I	PIPER CT			john@gmail.com
	DMV	2016	X	PIPER CT		555-1212	
Virginia	Voter	2017	A	RIDGE RD			
	DMV	2017	A	RIDGE RD			