

Image Redaction

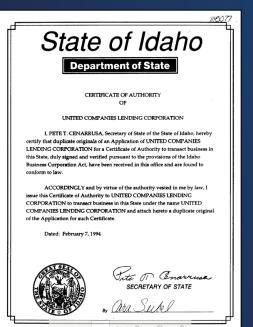
Redaction of Historical Personal Information from Commercial Business Filings

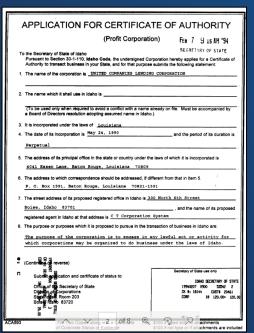


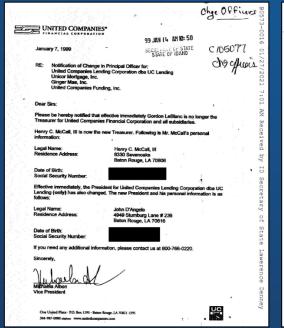
ISSUE:

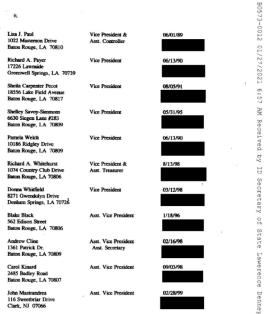
Legacy constituent data (often unrequested) potentially had latent PII and PIFI...

that could now be accessed publicly.











SOLUTION:

- GOOGLE removed all references from active search results immediately, stopped crawls.
- NASS coordinated a meeting with senior executives from Google and Smartronics.
- Smartronics developed a custom client that interacted with the Idaho SOS SQL servers and to search for PII and PIFI information. (leverages the GCP DLP solution)
 - The solution was deployed for use by Idaho in less than a week
 - Idaho has been able to process more than 2 TB's of data in less than two months using an array of search types allowing them to check accuracy and validity of redactions
 - The application was developed with significant flexibility from a data ingestion standpoint. Practically, the Ida SQL Admin was able to run any stored procedures necessary to collect any and all data identified for potential redaction.



STATUS:

- 10 Million images potentially impacted
- Currently running Smartronics script on SSN's Only
- Additional runs planned for Date of Birth and Bank Account Numbers
- Code can be made available to other state offices as required

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Thanks To our Partners:







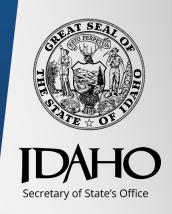
For Additional Information Chad Houck

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ARCHITECTURE:

- Minimal cloud architecture configuration and administration required no customer GCP expertise needed
- Google Cloud Services required are limited to Google DLP and Cloud Firewall
- Idaho data is encrypted and ephemeral effectively remaining within the confines of the customer datacenter
- Solution supports multiple clients and search sets simultaneously driving flexibility and efficacy.
- The solution can be deployed to redact upon ingestion

