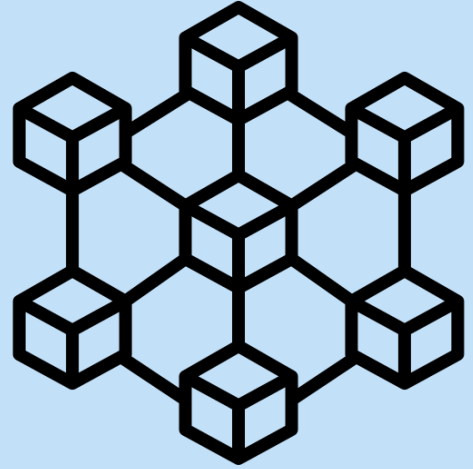# why docuswap

- currently, millions of users upload sensitive documents to the cloud
- cloud account hijacking
- physical documents can also be stolen or lost
- the current system of identity verification is slow, unreliable, and dangerous
- sensitive documents during travel
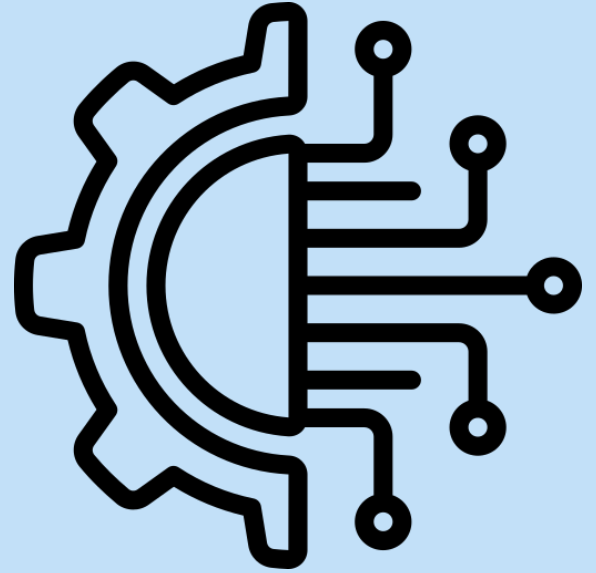- there is an entire market for stolen US financial documents overseas

what is docuswap

- complete control distribution of sensitive information
- decentralized storage and access to documents
- secure, reliable, and efficient transfer from one end to another
- robust verification system (.sonr and DiD's)

sonr technologies

- object
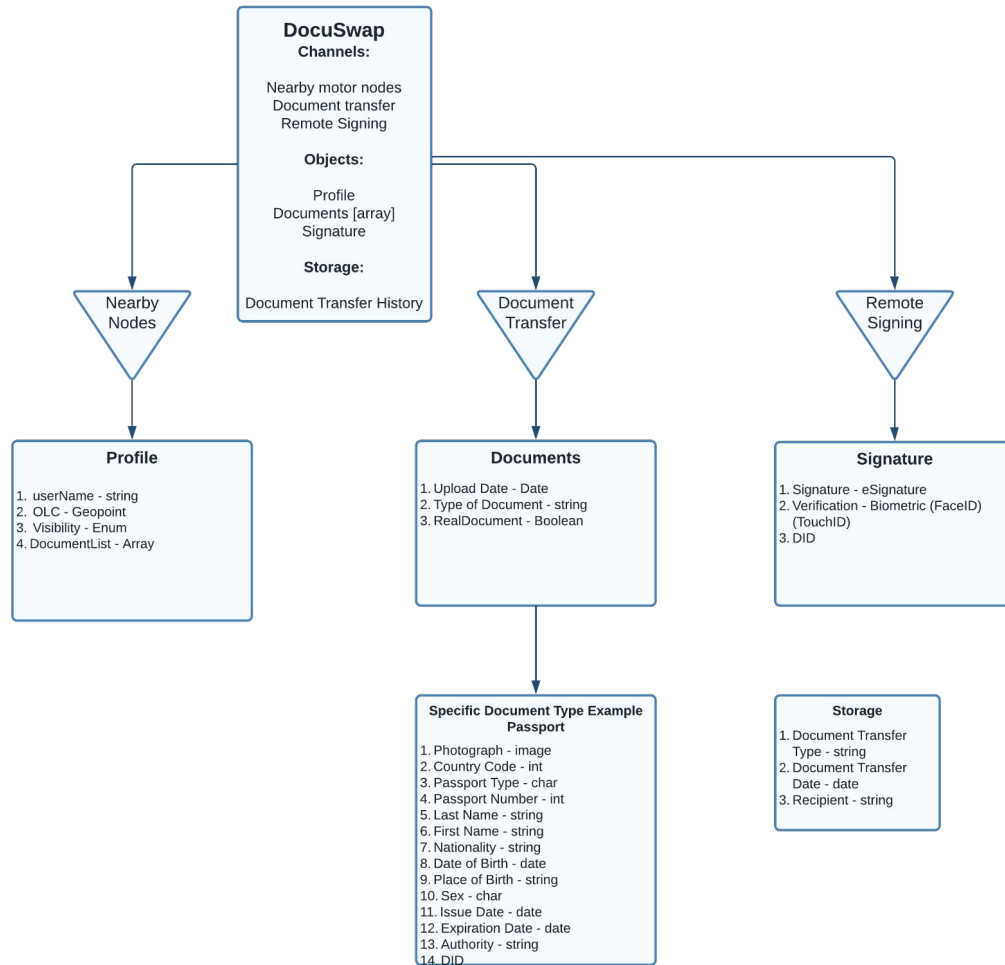- channels
- buckets
- blobs
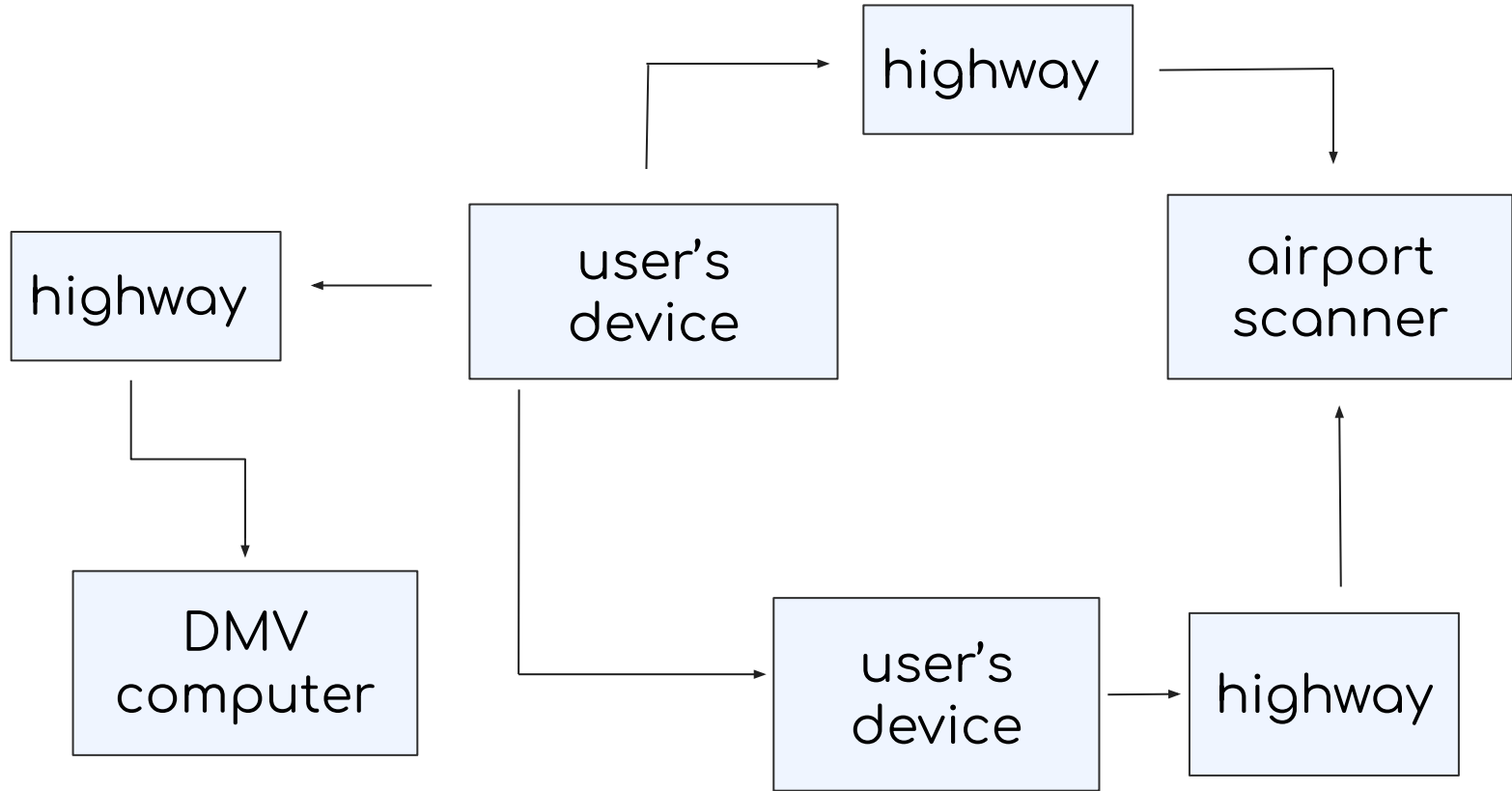- storage
- transmission
- discovery
- identity

how it works

- download app and create profile
- upload documents and signature
- computer vision scans documents for text
- text is placed in specific categories
- signature is uploaded
- documents and signatures are verified
- documents are integrated into the blockchain
- signature can be sent from node to node

DocuSwap

Channels:

Nearby motor nodes
Document transfer
Remote Signing

Objects:

Profile
Documents [array]
Signature

Storage:

Document Transfer History

Nearby Nodes

Document Transfer

Remote Signing

Profile

1. userName - string
2. OLC - Geopoint
3. Visibility - Enum
4. DocumentList - Array

Documents

1. Upload Date - Date
2. Type of Document - string
3. RealDocument - Boolean

Signature

1. Signature - eSignature
2. Verification - Biometric (FaceID) (TouchID)
3. DID

Specific Document Type Example Passport

1. Photograph - image
2. Country Code - int
3. Passport Type - char
4. Passport Number - int
5. Last Name - string
6. First Name - string
7. Nationality - string
8. Date of Birth - date
9. Place of Birth - string
10. Sex - char
11. Issue Date - date
12. Expiration Date - date
13. Authority - string
14. DID

Storage

1. Document Transfer Type - string
2. Document Transfer Date - date
3. Recipient - string

```
                          ┌─────────────┐
              ┌──────────▶│   highway   │──────────┐
              │           └─────────────┘          │
              │                                     ▼
    ┌─────────────┐     ┌─────────────┐     ┌─────────────┐
    │   highway   │◀────│    user's   │     │   airport   │
    └─────────────┘     │    device   │     │   scanner   │
          │             └─────────────┘     └─────────────┘
          │                    │                   ▲
          ▼                    ▼                   │
    ┌─────────────┐     ┌─────────────┐     ┌─────────────┐
    │     DMV     │     │    user's   │────▶│   highway   │
    │  computer   │     │    device   │     └─────────────┘
    └─────────────┘     └─────────────┘
```

next steps

- applying for grant
- applying for internship
- staying in touch

Thank you!