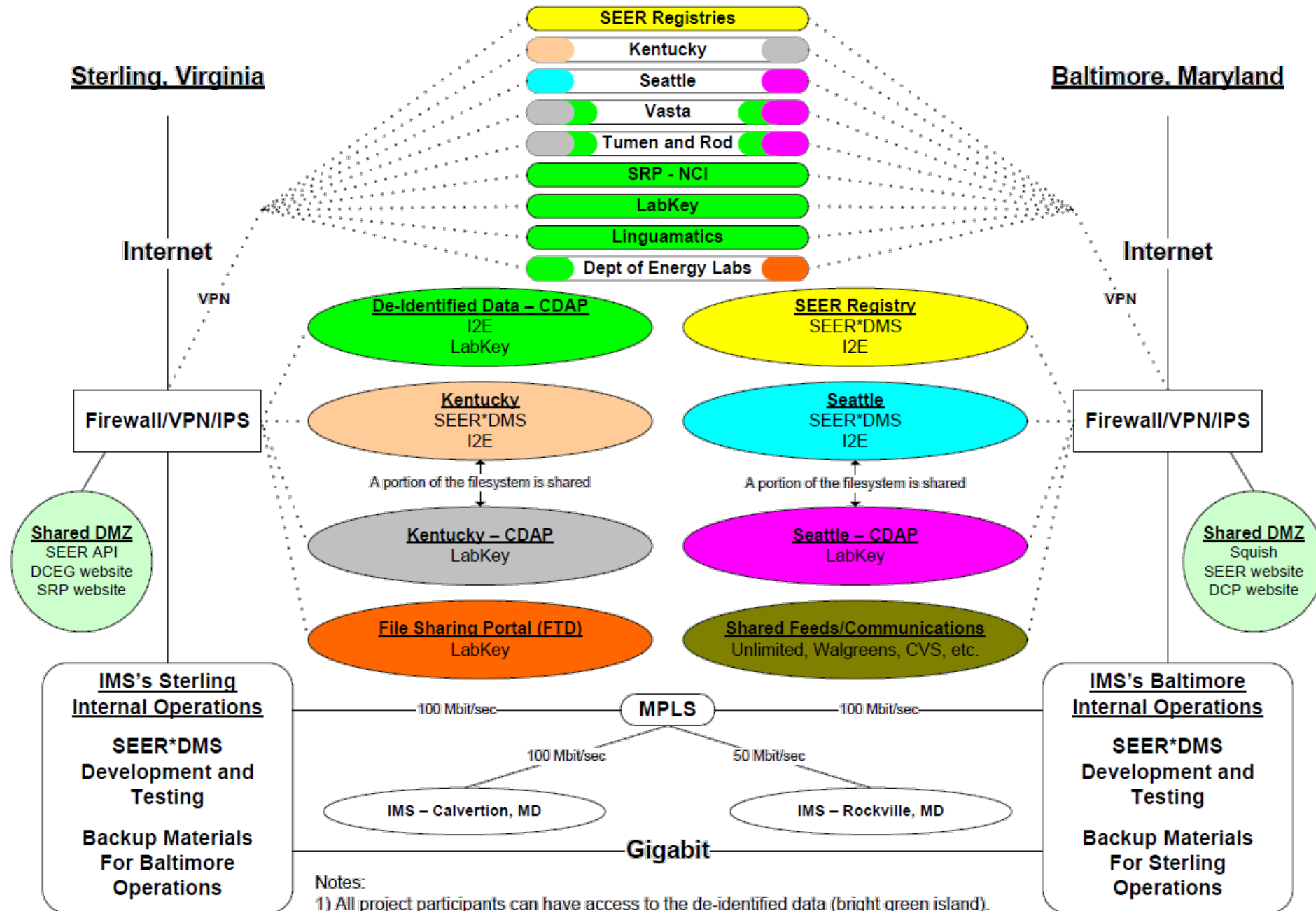# Shared Data Feeds – Initial Functional Requirements

- Receive claims data from Unlimited Systems for 6 registries (GA, NM, KY, LA, NJ, UT)
- Receive it ASAP so Unlimited can invoice the registries before April 30th
- Limit the amount and complexity of paperwork for all parties
- Limit the amount and complexity of system configurations for the registries
- Communicate the data using VPN technologies
- Satisfy FISMA moderate controls including NIST CA-3 re: system interconnections
- Set the stage for future similar data feeds with QS/1, CVS, Walgreens, etc.
- Respect the sovereignty of each registry over their operations

Islands/Enclaves for SEER*DMS Hosting and the SEER Clinical Document Annotation Pipeline (CDAP)

SEER Registries
- Kentucky
- Seattle
- Vasta
- Tumen and Rod
- SRP - NCI
- LabKey
- Linguamatics
- Dept of Energy Labs

Sterling, Virginia

Baltimore, Maryland

Internet — VPN

Internet — VPN

Firewall/VPN/IPS

Firewall/VPN/IPS

De-Identified Data – CDAP
I2E
LabKey

SEER Registry
SEER*DMS
I2E

Kentucky
SEER*DMS
I2E

Seattle
SEER*DMS
I2E

A portion of the filesystem is shared

A portion of the filesystem is shared

Kentucky – CDAP
LabKey

Seattle – CDAP
LabKey

Shared DMZ
SEER API
DCEG website
SRP website

Shared DMZ
Squish
SEER website
DCP website

File Sharing Portal (FTD)
LabKey

Shared Feeds/Communications
Unlimited, Walgreens, CVS, etc.

IMS's Sterling Internal Operations

SEER*DMS Development and Testing

Backup Materials For Baltimore Operations

IMS's Baltimore Internal Operations

SEER*DMS Development and Testing

Backup Materials For Sterling Operations

100 Mbit/sec — **MPLS** — 100 Mbit/sec

100 Mbit/sec   50 Mbit/sec

IMS – Calvertion, MD

IMS – Rockville, MD

Gigabit

Notes:
1) All project participants can have access to the de-identified data (bright green island).
2) Additional accesses to the annotated identifiable data (orange island) will be considered as logical controls of the LabKey file sharing portal are evaluated.

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IMS, Inc. – 5/16/2017

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