



redshred

CRADA with FRCSW

**Router
Generation**

+

**Inbound
Material
Reconciliation**

What is  redshred ?

**The paperless office
is “close”.**

– *BusinessWeek* 1975



redshred

lets you treat
documents like a
database

Why redshred ?

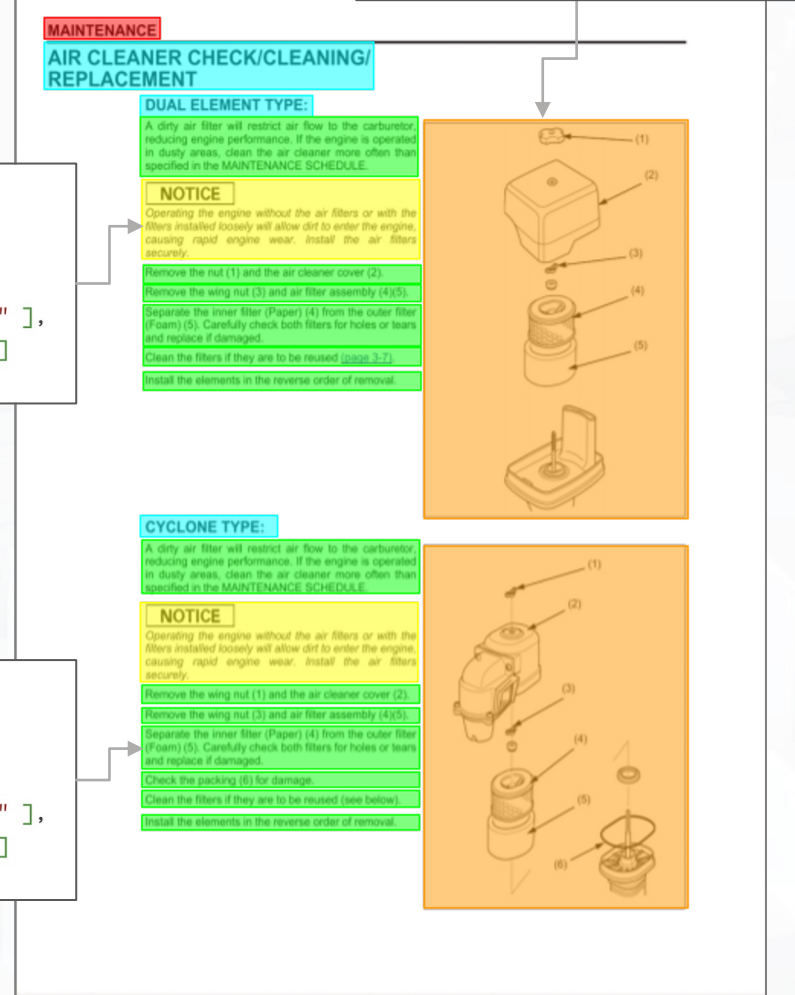
AI + ML to identify **semantically relevant content**

API-based access to **simplify integration** and **accelerate innovation**

```
1 {  
2   "text": "...",  
3   "image": "...",  
4   "type": "...",  
5   "entities": [ "... " ],  
6   "region": [ "... " ]  
7 }
```

```
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2   "text": "...",  
3   "image": "...",  
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4   "type": "...",  
5   "entities": [ "... " ],  
6   "region": [ "... " ]  
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```



Why redshred ?

Layers of enriched metadata

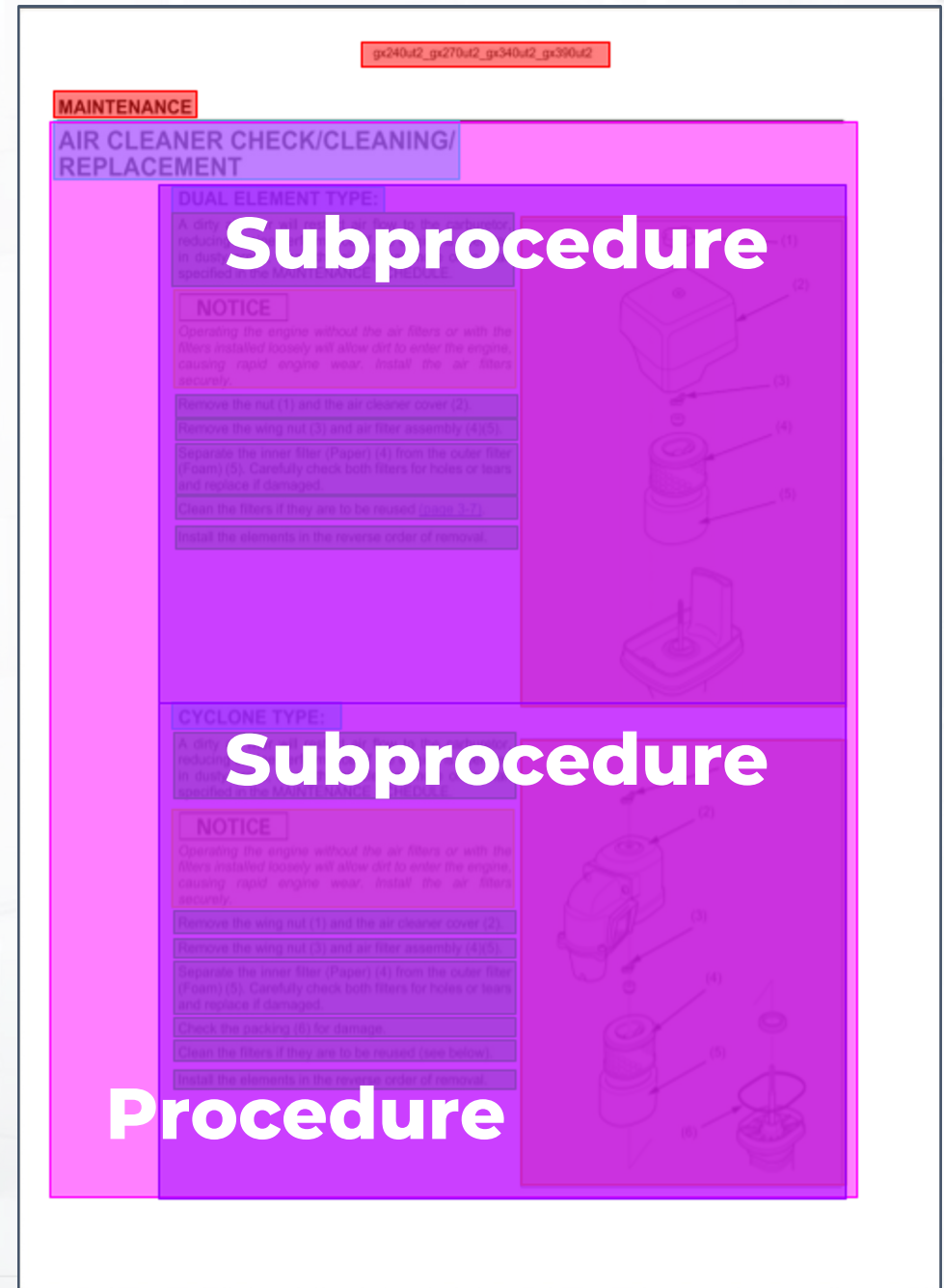
Custom search

Open, extensible architecture

Mix in your own layers

Innovate continuously

7



gp240u2_gp270u2_gp340u2_gp390u2

MAINTENANCE

AIR CLEANER CHECK/CLEANING/REPLACEMENT

DUAL ELEMENT TYPE:

Subprocedure

NOTICE

Operating the engine without the air filters or with the filters installed loosely will allow dirt to enter the engine, causing rapid engine wear. Install the air filters securely.

Remove the nut (1) and the air cleaner cover (2).

Remove the wing nut (3) and air filter assembly (4/5).

Separate the inner filter (Paper) (4) from the outer filter (Foam) (5). Carefully check both filters for holes or tears and replace if damaged.

Clean the filters if they are to be reused (see 3.7).

Install the elements in the reverse order of removal.

CYCLONE TYPE:

Subprocedure

NOTICE

Operating the engine without the air filters or with the filters installed loosely will allow dirt to enter the engine, causing rapid engine wear. Install the air filters securely.

Remove the wing nut (1) and the air cleaner cover (2).

Remove the wing nut (3) and air filter assembly (4/5).

Separate the inner filter (Paper) (4) from the outer filter (Foam) (5). Carefully check both filters for holes or tears and replace if damaged.

Check the packing (6) for damage.

Clean the filters if they are to be reused (see below).

Install the elements in the reverse order of removal.

Procedure

CRADA with FRCSW

FRCSW: Router Generation

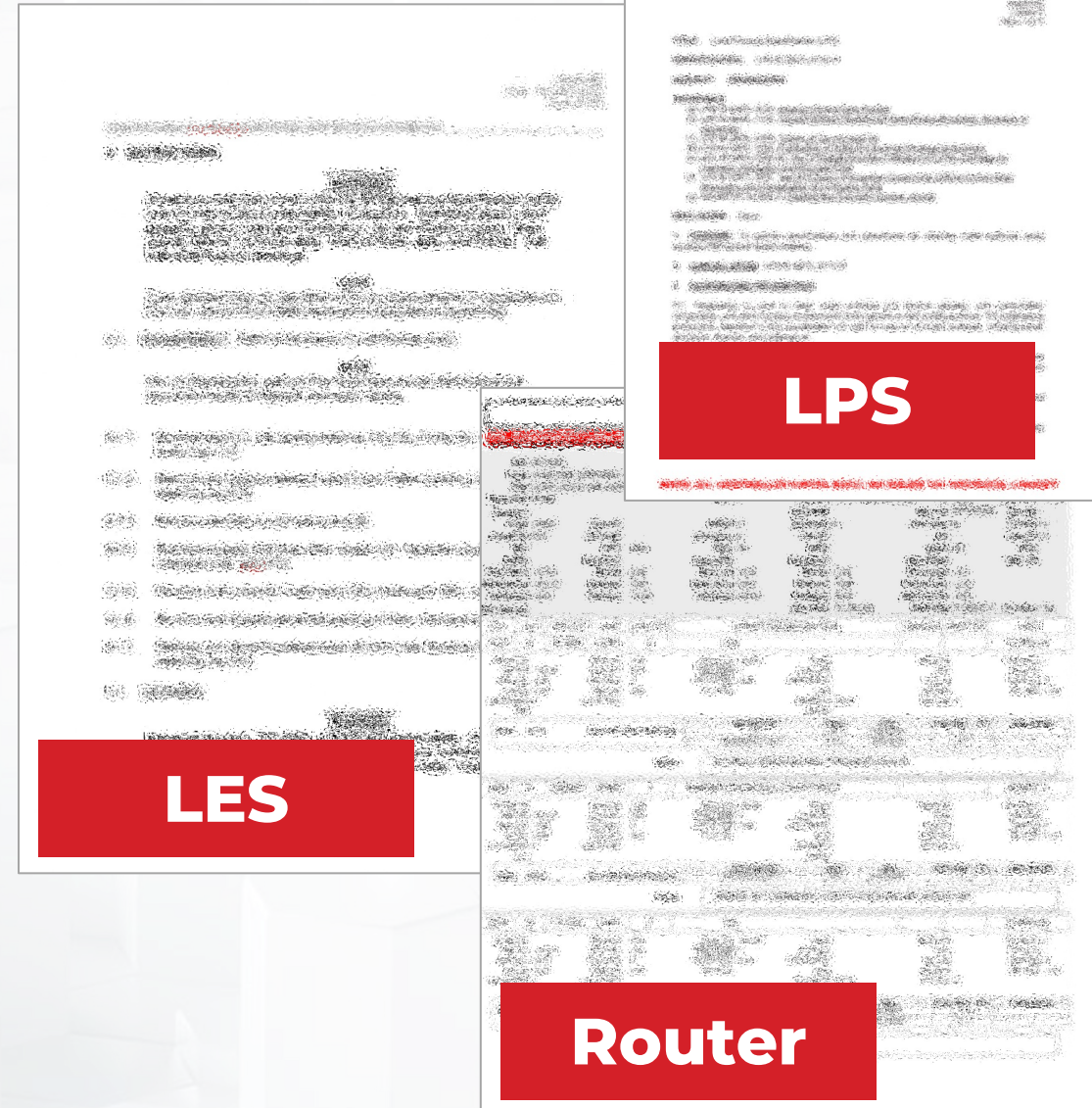
Working with **John Schneider** at Navy Fleet Readiness Center Southwest

Automating the conversion of **Local Engineering Specifications (LES)** to **routers**

LES are written by engineers to ensure the right steps are done

Routers are used by artisans to perform the work in accordance with **Local Process Specifications (LPS)**

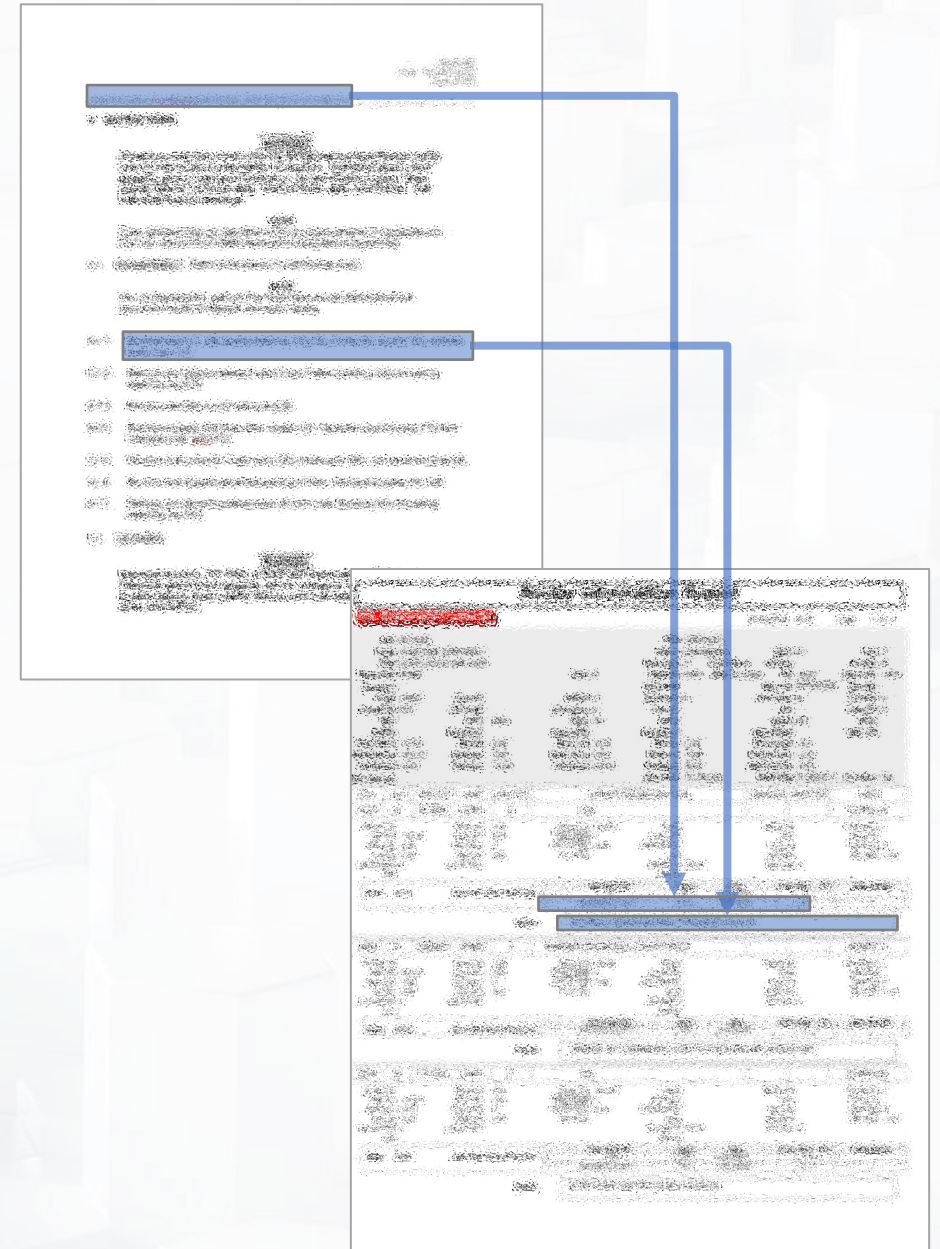
LPS are reusable processes that may be referred to by many **LES** (e.g. degreasing)



FRCSW: Router Generation

First step is to **extract steps from LES and rewrite them to populate the steps of the router**

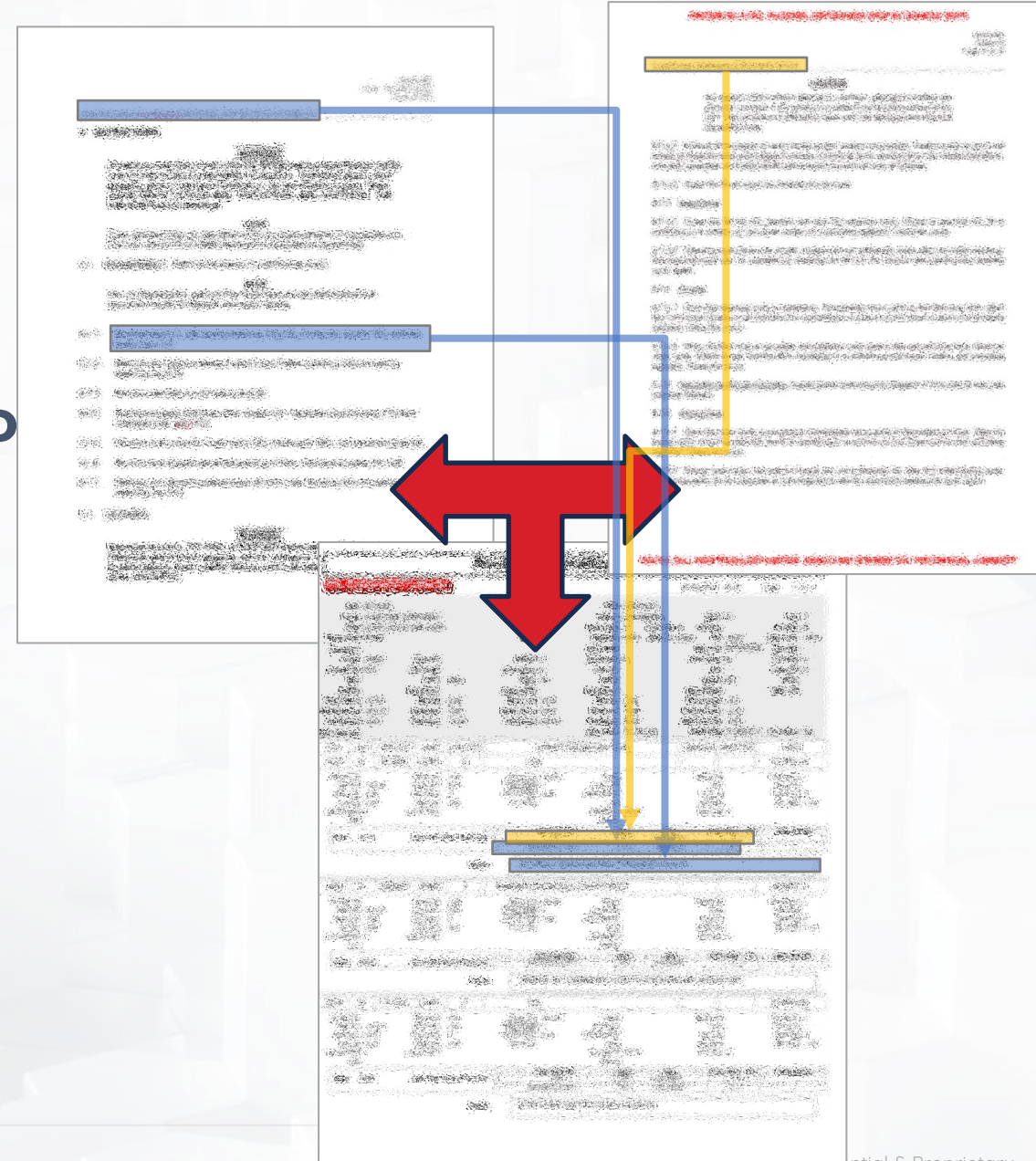
Second step is to **reference the appropriate LES as tech data for the step**



FRCSW: Router Generation

The next step is to **link to relevant LPS** to **populate the references**

Lastly, **generate the draft router to upload** into routebuilder

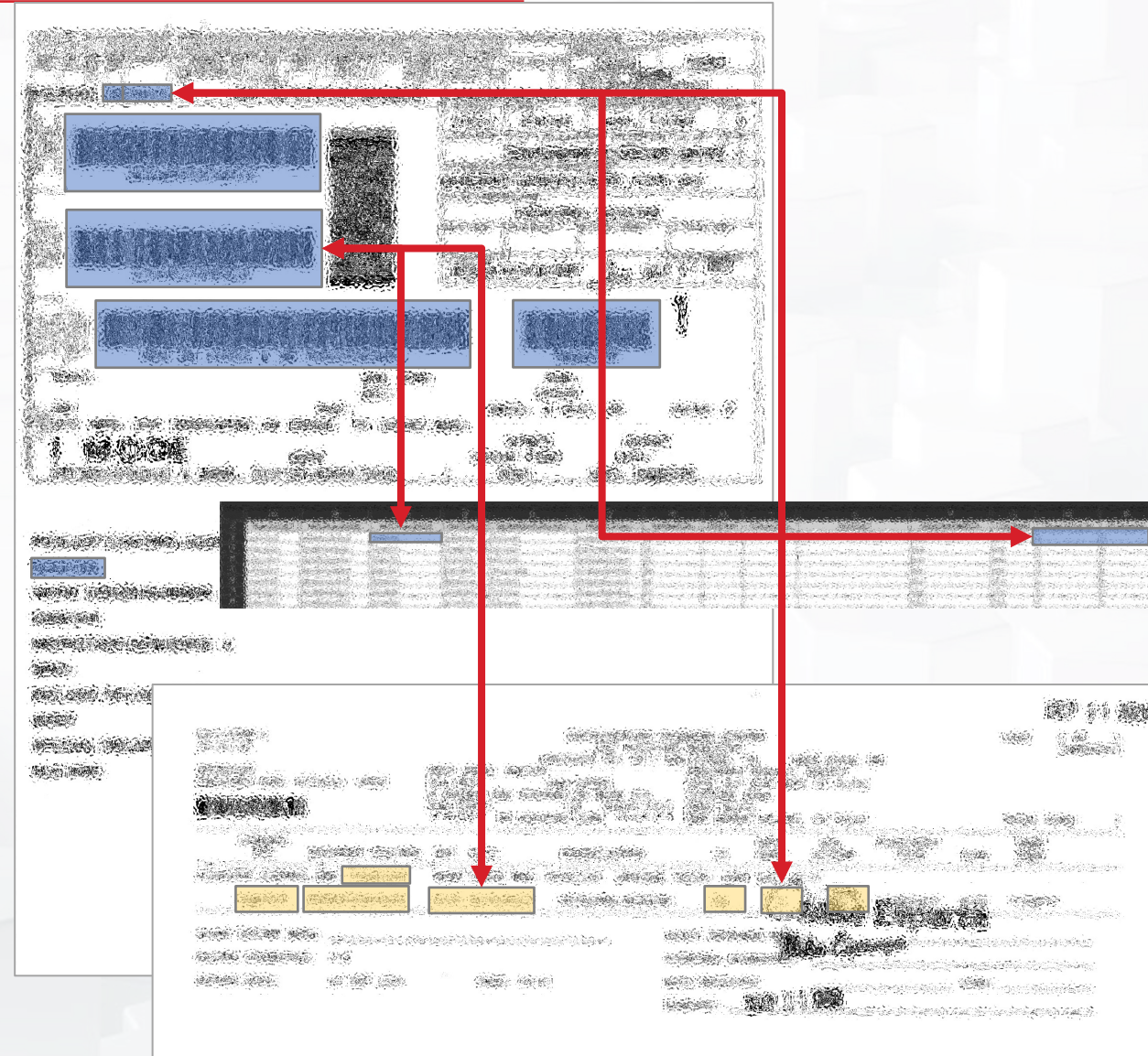


FRCSW: Inbound Material Reconciliation

Reconcile inbound material between Form 1348 and DLA Manifests

Create **Supply Discrepancy Report** about what was **expected** against what was **received** to capture what is **outstanding**

Working with **LCDR Legg** and **John Schneider** at Navy Fleet Readiness Center Southwest





Accreditation Status

ATO in-progress with USAF Rapid Sustainment Office
for Cloud-based Deployment (expected: Q3 2024)

Platform supports local deployments too

Thank you!

hello@redshred.com

See you at the DOD MX Symposium in San Diego!