

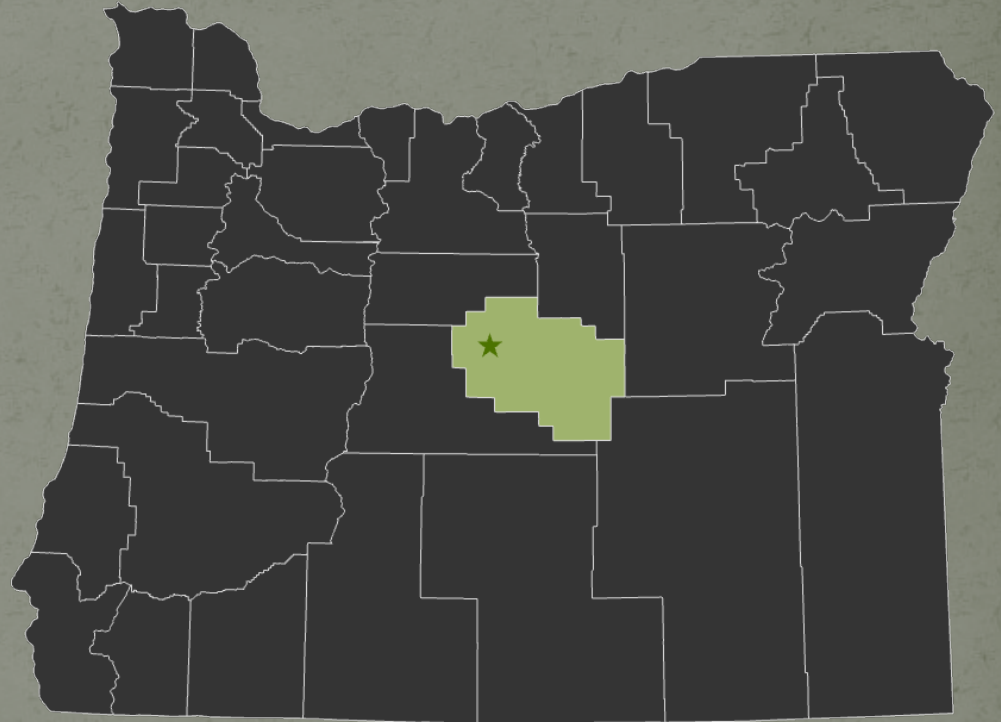
An Ode to Upgrading

how we spent our winter

Formalities

Crook County, Oregon

- Levi Roberts
 - GIS Manager
- John Kidd
 - GIS Analyst



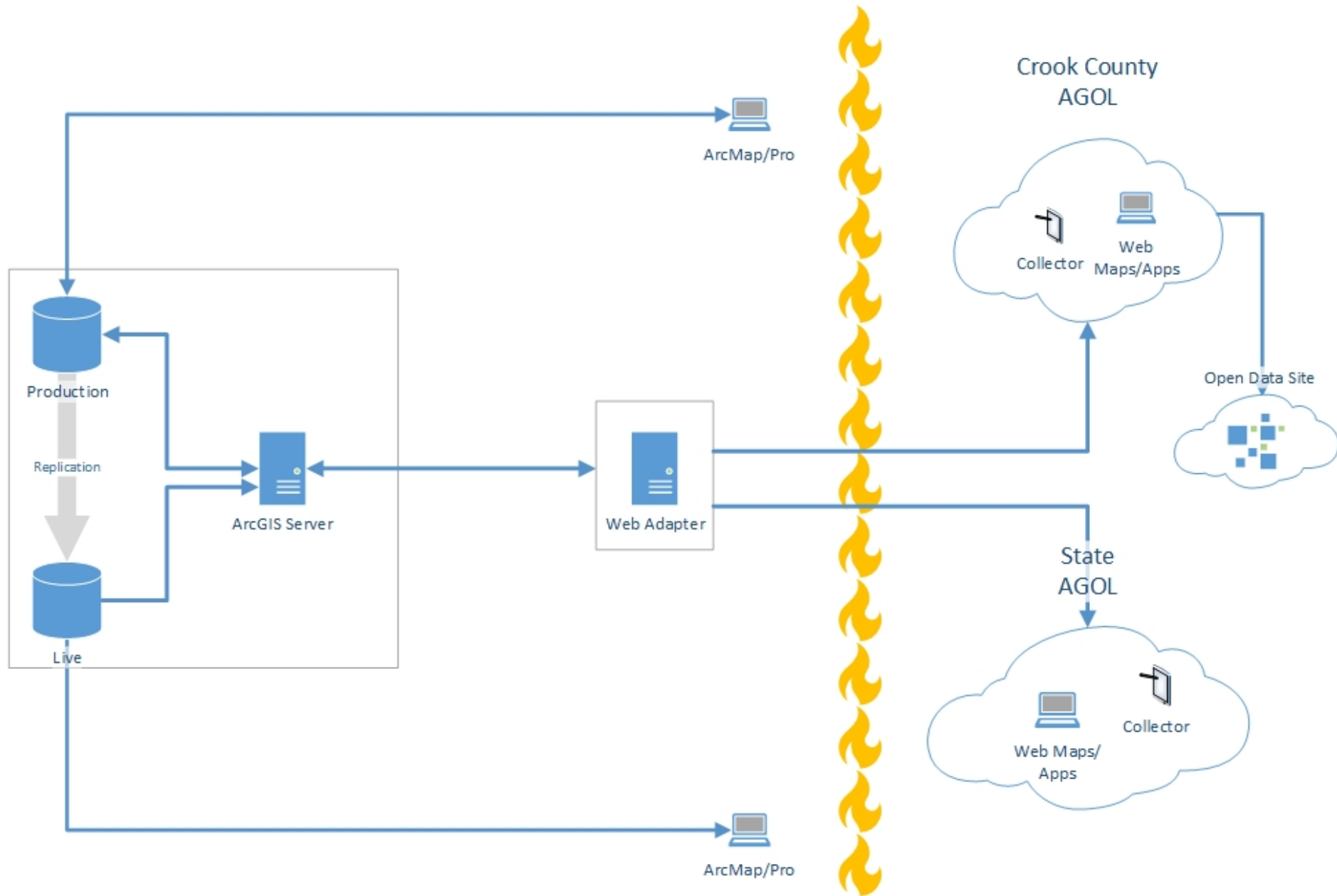
Previous Technology

- SDE 10.3.1
- ArcGIS Server 10.3.1
- ArcMap 10.3.1
- ArcPro (dabble)
- AGOL (County)
- AGOL (State)

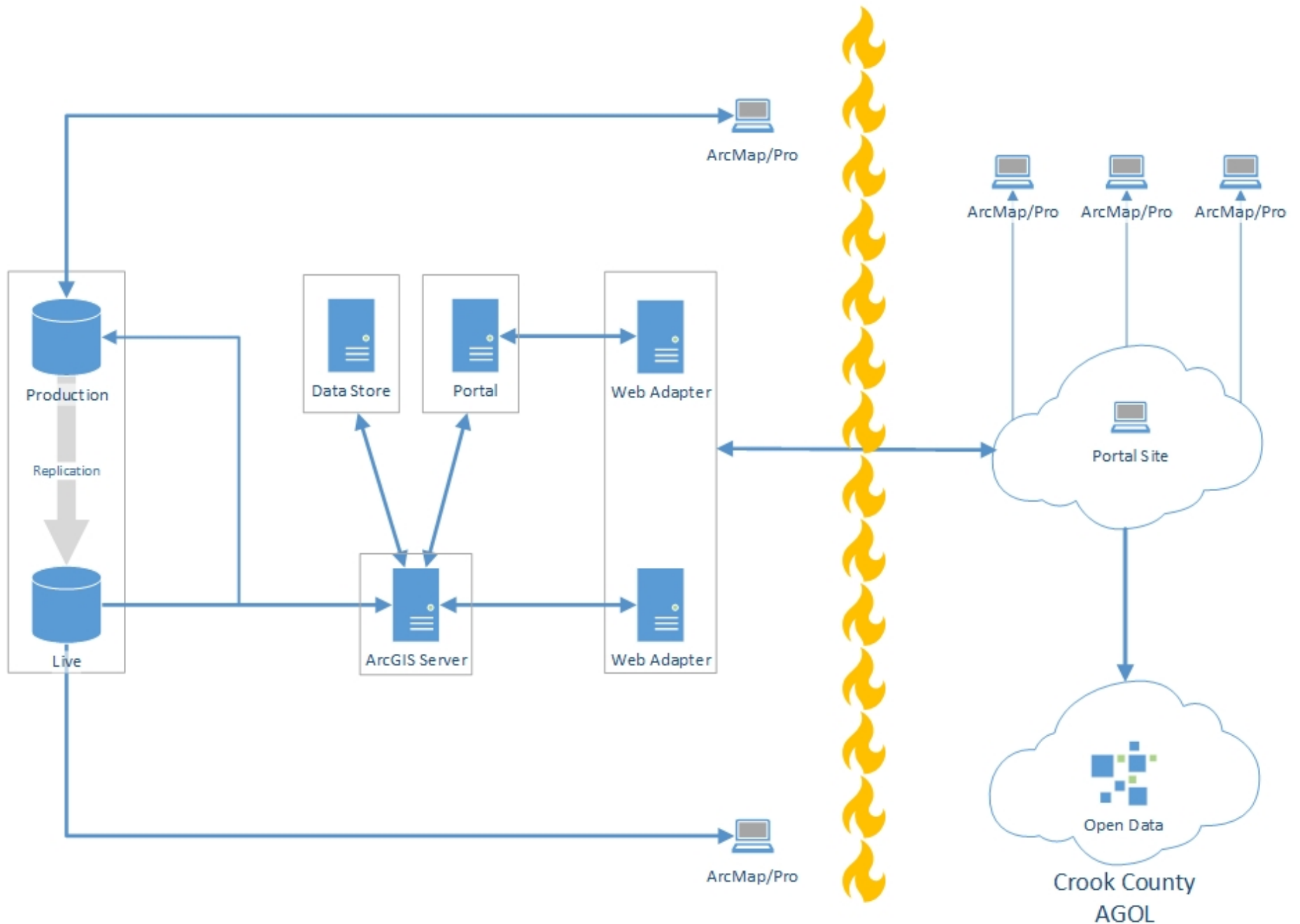
Reasons for Change

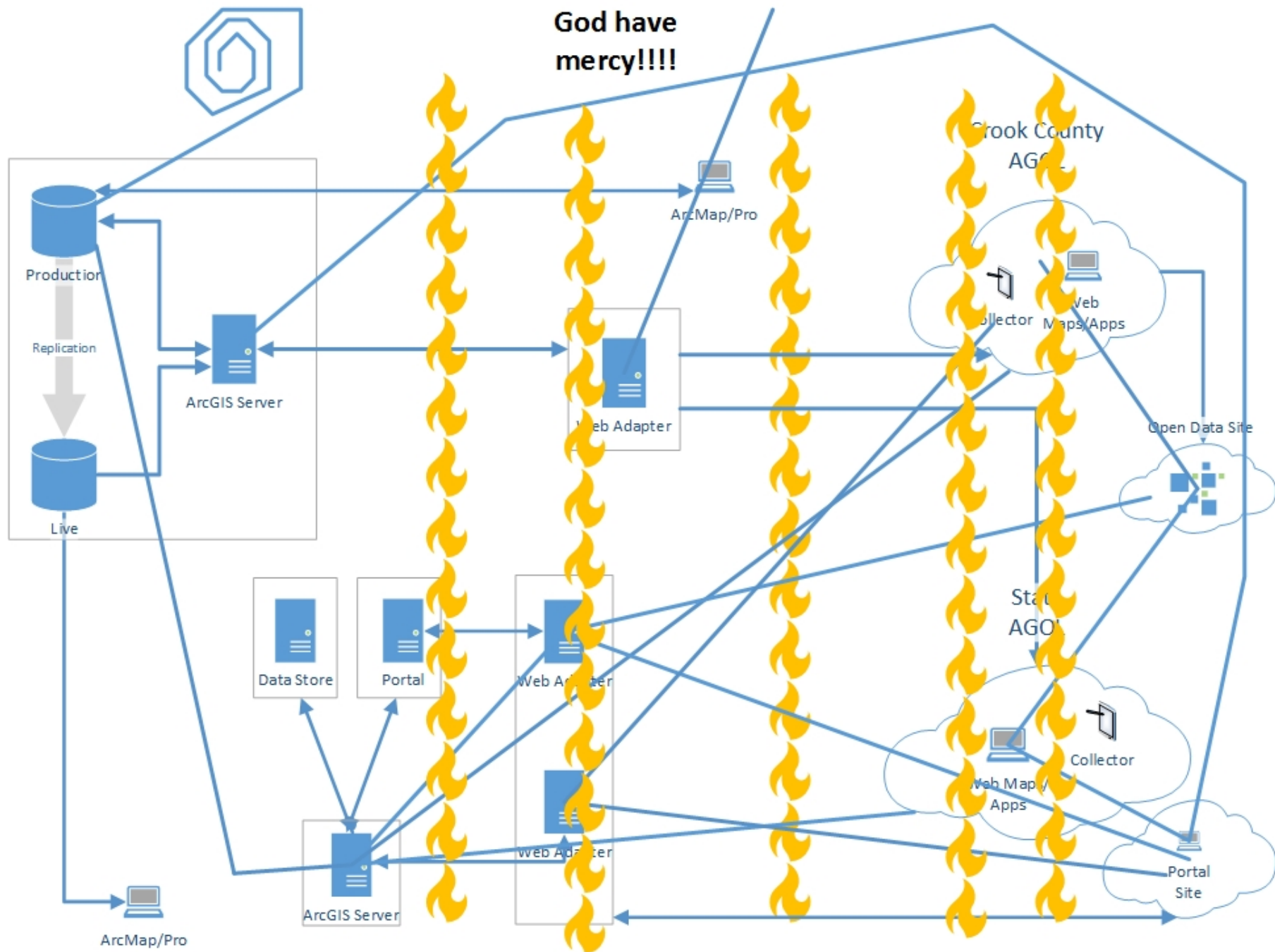
- Server 10.3.1 End of Life 2020
- Leverage New Technology
- Drank the ESRI Kool aid
 - planning for the future

OLD STATE



NEW STATE

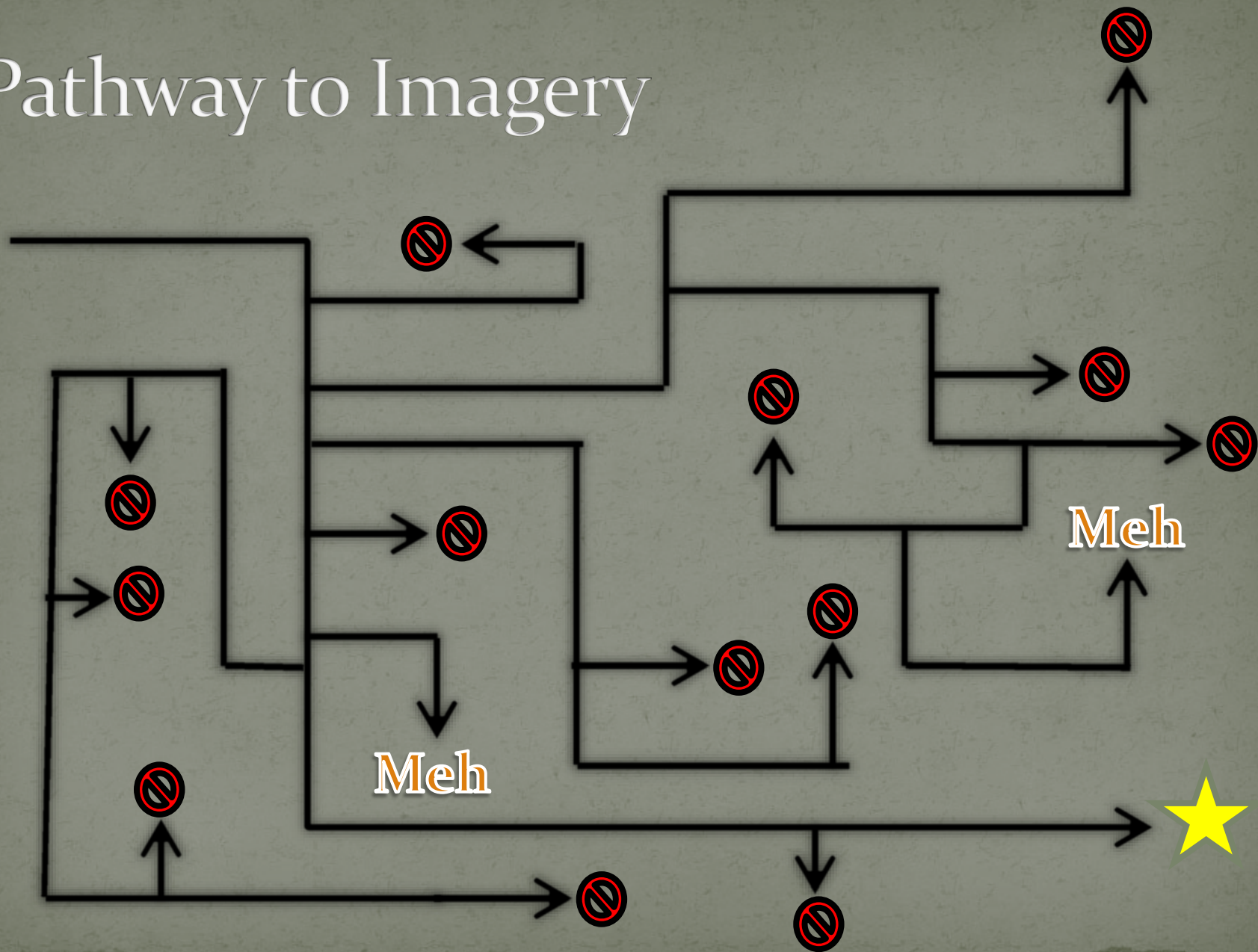




The Gotchas

- Chef
- Ports Ports Ports
- ArcGIS Online Assistant
- Adding Cache Locally
- Imagery

Pathway to Imagery



Imagery Cheat Code

Original Files



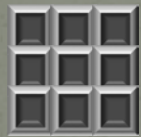
Mosaic Dataset



Layer File



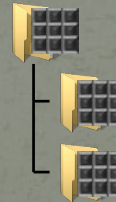
Tile Cache



Create Empty
Image Service



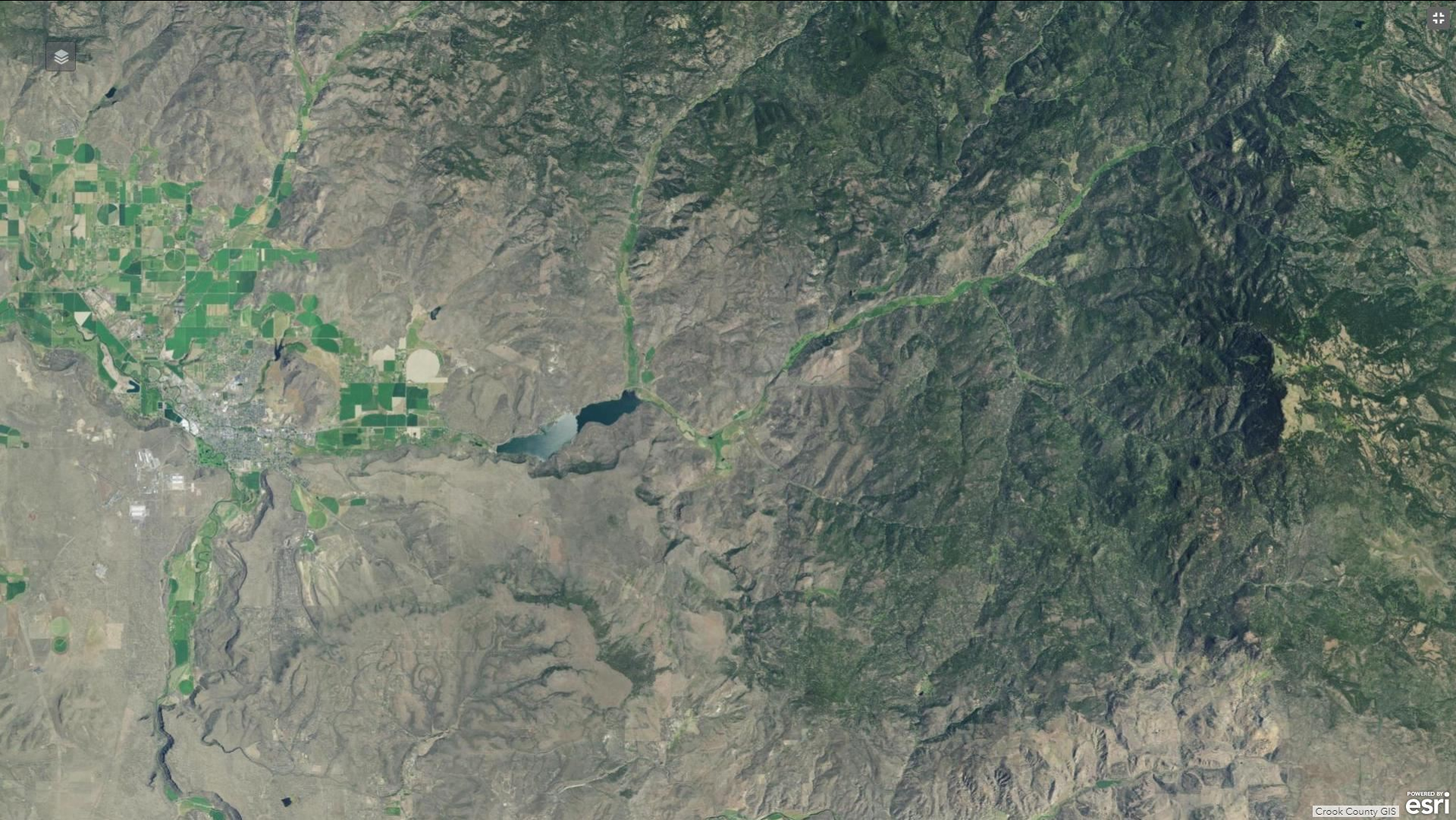
Copy Tiles

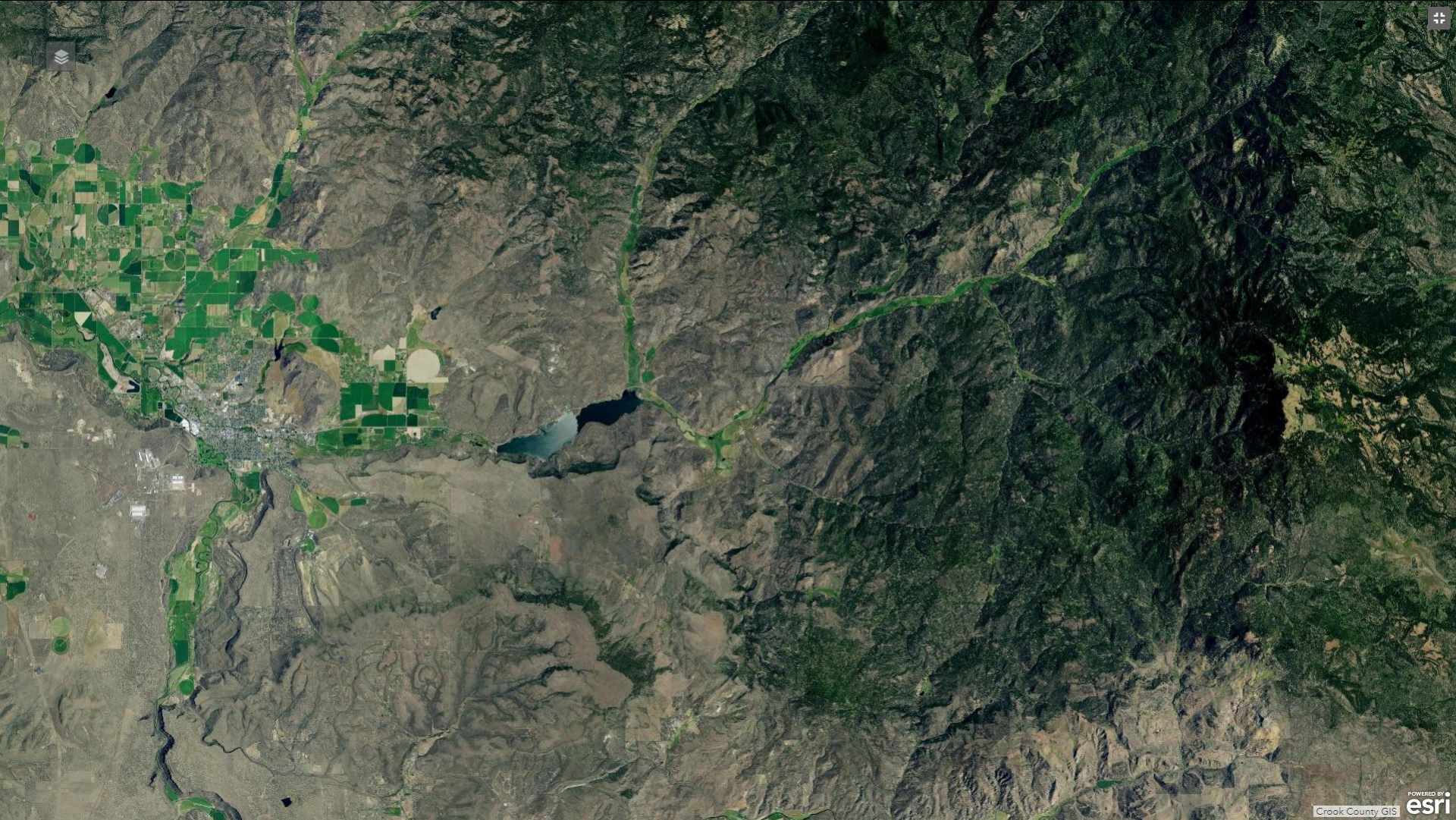


Recache Tiles



*registered folder on
ArcGIS Server machine













Advantages

- cleaner image
- faster pan

Disadvantages

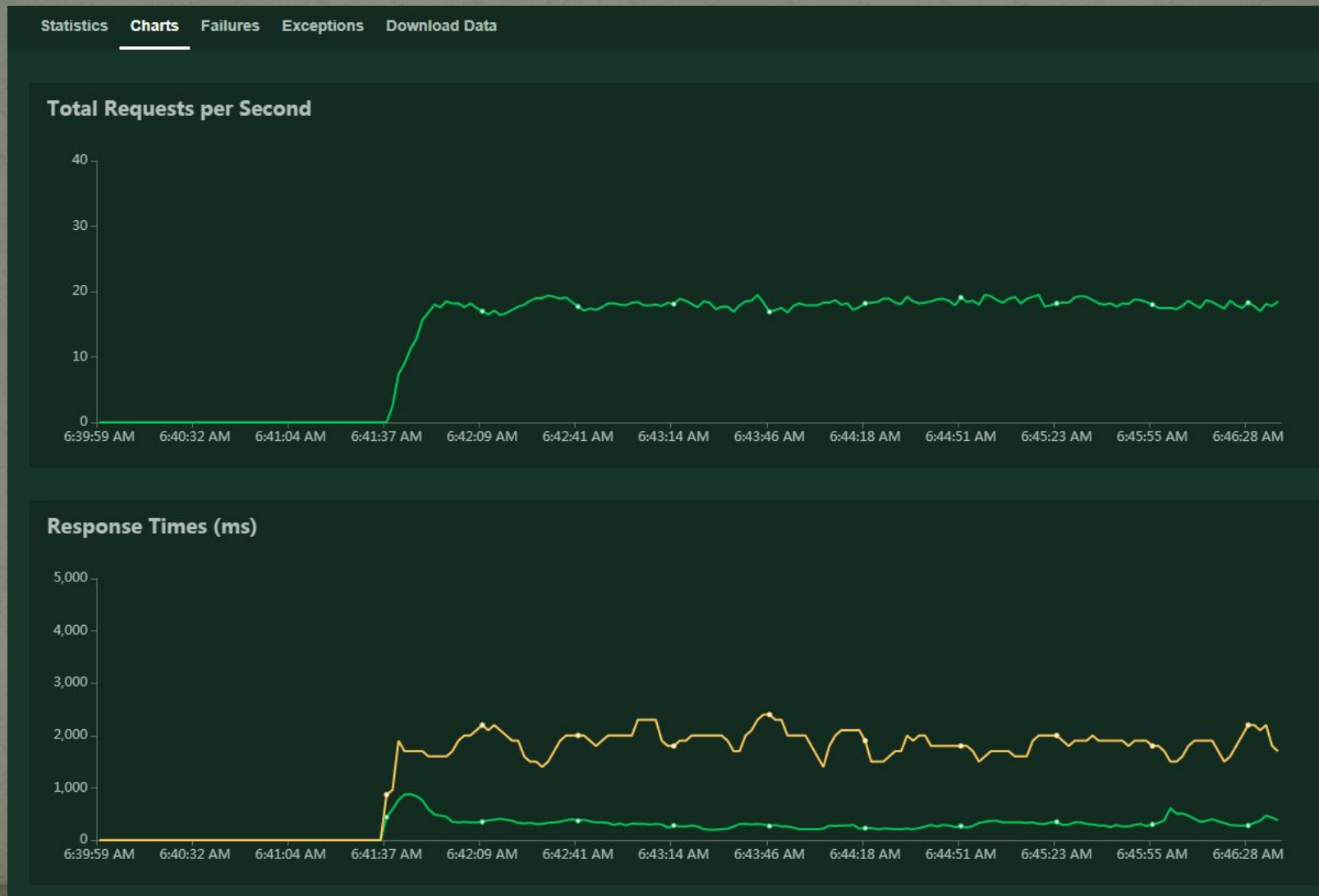
- setup process
- redundant data

Load Testing

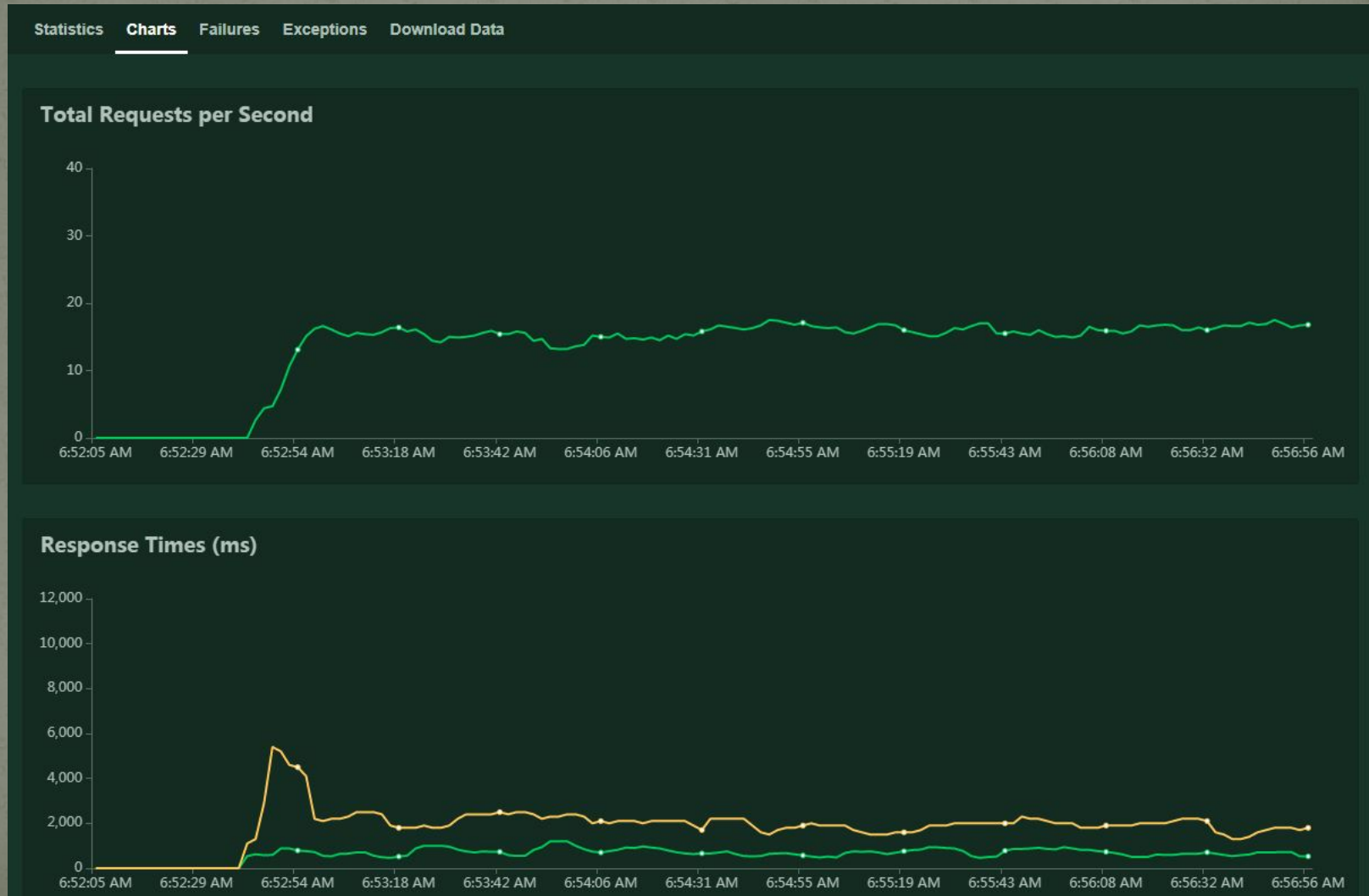
- Locust.io
- Found High Water Mark
- Tested at 40x



Results – old environment



Results – new environment



Survey Research Tool


[Old Survey tool](#)

[New Survey tool](#)

Survey Research Tool

Old version

Crook County GIS :: Survey Search Service



New Search

Search options:


Select the search method you want to use to locate the survey information and press "Submit".

- ☐ 1) Survey Number
- ☐ 2) Township - Range
- ☐ 3) Work Order
- ☐ 4) Partition Plat
- ☐ 5) Subdivision
- ☐ 6) Prepared For ...

Submit

Select search type

Crook County GIS :: Survey Search Service



New Search

Search options:

Select the search method you want to use to locate the survey information and press "Submit".

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- ☐ 2) Township - Range
- ☐ 3) Work Order
- ☐ 4) Partition Plat
- ☐ 5) Subdivision
- ☐ 6) Prepared For ...

Submit

C.S. Search:

Returns detailed information for surveys after you enter the County Survey Number.

The CS Number is a whole number starting at 1. e.g. 1001

Submit

Enter search term

Survey Research Tool

Old version

Crook County GIS :: Survey Search Service



CROOK COUNTY
Survey Research 2.0

Change search type:

[New Search](#)

Survey Reports last updated on:

4/26/2018 8/22/2018 8/23/2018 8/29/2018
8/30/2018 8/31/2018 9/18/2018 9/21/2018
9/26/2018 9/27/2018 10/5/2018 10/31/2018
11/2/2018

CS: 61, Created on: 2/6/2019 6:16:35 AM

General Account Information

| CS | Township - Range | Clerk No. | Year recorded | Type | Work Order | Identification | Subdivision | Planning File | Prepared by... | Prepared For... | Partition Plat | Additional | Image |
|----|---------------------|--------------|------------------|--------|---------------|----------------|-------------|------------------|-------------------|----------------------|-------------------|-------------------|-----------------------|
| 61 | 15150600 | N/A | 1935 | SURVEY | N/A | N/A | N/A | N/A | HUSTON | RASMUSSEN, PERDUE | N/A | NOT ON TAX MAP | Image |

[Quick Explanations](#)


[Print](#)


[export](#)

Results

Survey Research Tool

New version


 **Survey Search**
Beta

 **Crook County GIS**
GEOGRAPHIC INFORMATION SYSTEMS

Disclaimer: Please contact surveyor as not all surveys are present in this application (541) 420-8057.

Crook County makes no warranty of any kind, expressed or implied, including any warranty of merchantability, fitness for a particular purpose, or any other matter. The County is not responsible for possible errors, omissions, misuse, or misinterpretation. County digital information is prepared for reference purposes only and should not be used, and is not intended for, survey or engineering purposes or the authoritative and/or precise location of boundaries, fixed human works, and/or the shape and contour of the earth. No representation is made concerning the legal status of any apparent route of access identified in digital or hardcopy mapping of geospatial information or data. Data from the Crook County Assessor's Office may not be current. Data is updated as schedules and resources permit. Please notify Crook County GIS of any errors (541) 416-3930.

Accept disclaimer


 **Survey Search**
Beta

Most survey numbers are numbers between 1 and 4500.

Enter search term

Survey Research Tool

New version



Survey Search


Beta

Search Again

Search results: 1

| Survey # | TRS | Year | Partition Plat | Prepared For | Prepared By | Subdivision | Type | Description | PDF | Map |
|----------|----------|------|----------------|-------------------|-------------|-------------|--------|-------------|-----|-----|
| 61 | 15150600 | 1935 | | RASMUSSEN, PERDUE | HUSTON | | SURVEY | | | |

Results
with map

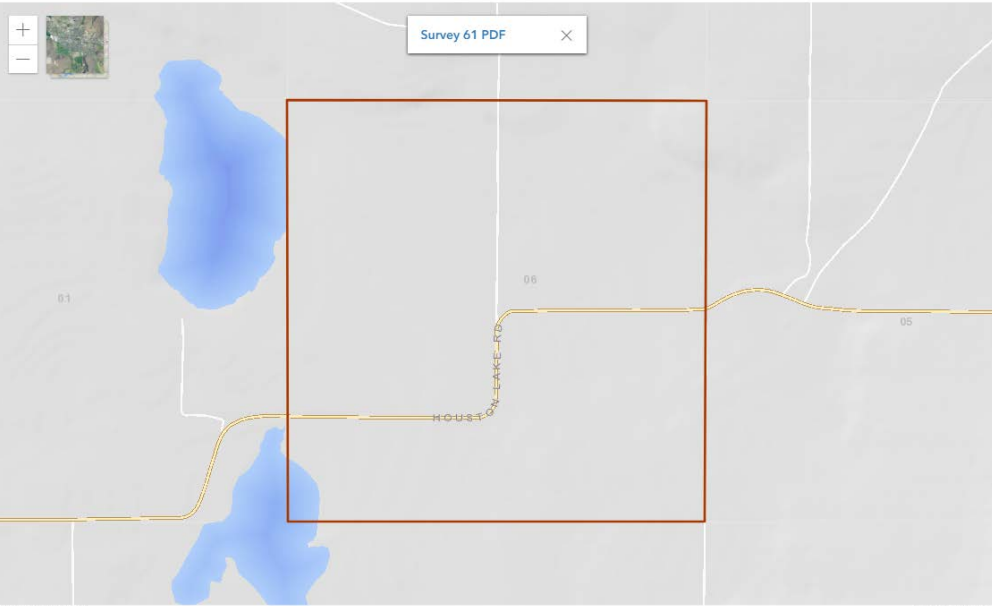


Survey Search

Beta

Search Again Back To Table Open in County Map

Search results: 1



Survey 61 PDF

Crook County GIS Powered by Esri

Survey Research Tool

New version



Survey Search

Beta

Search Again


Search results: 1

| Survey # | TRS | Year | Partition Plat | Prepared For | Prepared By | Subdivision | Type | Description | | |
|----------|----------|------|----------------|-----------------------------|------------------------|-------------|--------|--|---------------------|--------|
| 1001 | 19210300 | 1988 | | CROOK COUNTY COURT HOUSE | ARMSTRONG SURVEYING | | SURVEY | REALIGNMENT OF BEAR CREEK - FIFE COUNTY ROAD - WEAVER CHANGE | PDF | No Map |

Results with no map

Survey Research Tool

New version

**Survey Search**
Beta

Search Survey Numbers

Search Townships/Ranges

Search Partition Plats

Search Prepared For

Search Prepared By

Search Subdivisions

Search All

Search results: 2

| Survey # | TRS | Year | Partition Plat | Prepared For | Prepared By |
|----------|----------|------|----------------|--------------|------------------------|
| 132 | 151606DA | 1960 | | SMITH | BACHAND |
| 1108 | 15160600 | 1990 | 1990-13 | SMITH | ARMSTRONG SURVEYING |

Search multiple terms

The End