



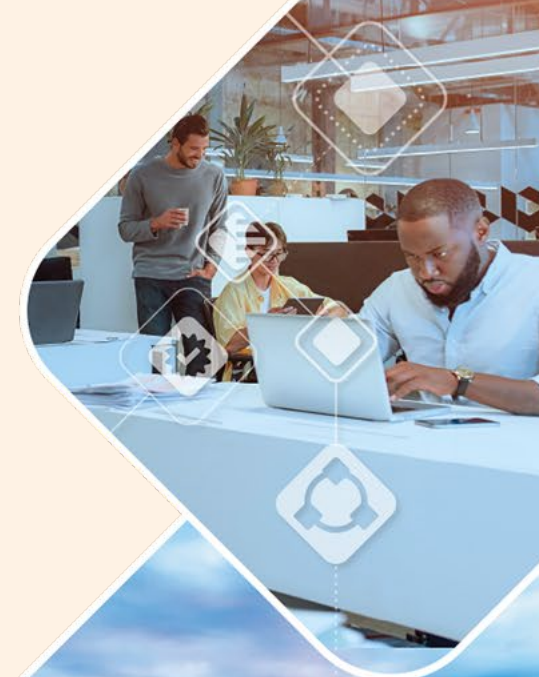
# Technology Managers' Network Meeting

18<sup>th</sup> January 2023

## Introduction to Flare Sirius Catalog

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Co-founder/Director

[www.flare-solutions.com](http://www.flare-solutions.com)





## Intelligent Search



Store, find and use  
your information

# Challenges our clients face



## Challenges

**Search**

**"I cannot find what I'm looking for"**

## Solutions delivered by modules of Flare Sirius

Intelligent Search using industry classification

# Challenges our clients face



	Challenges	Solutions delivered by modules of Flare Sirius
<b>Search</b>	<b>“I cannot find what I’m looking for”</b>	Intelligent Search using industry classification
<b>Store</b>	<b>“I don’t know where to put things”</b>	Information Management Framework can automate
<b>SharePoint</b>	<b>“There are too many sites to search”</b>	Intelligent Search with SharePoint adapter
<b>Taxonomies</b>	<b>“We could benefit from standards”</b>	Industry taxonomies, relationships and filters
<b>Reference data</b>	<b>“We have a lot of assets to manage”</b>	Reference data manager with relationships
<b>Compliance</b>	<b>“We need to implement governance”</b>	Information tracking and visualisations
<b>Retention</b>	<b>“We need to deploy our retention policy”</b>	Retention policy linked to information classification
<b>Hardcopy</b>	<b>“We have a lot of physical items”</b>	Warehouse tracking using classification

# The Data Divide

– multiple repositories, different formats, organisationally separate





# What have others done?



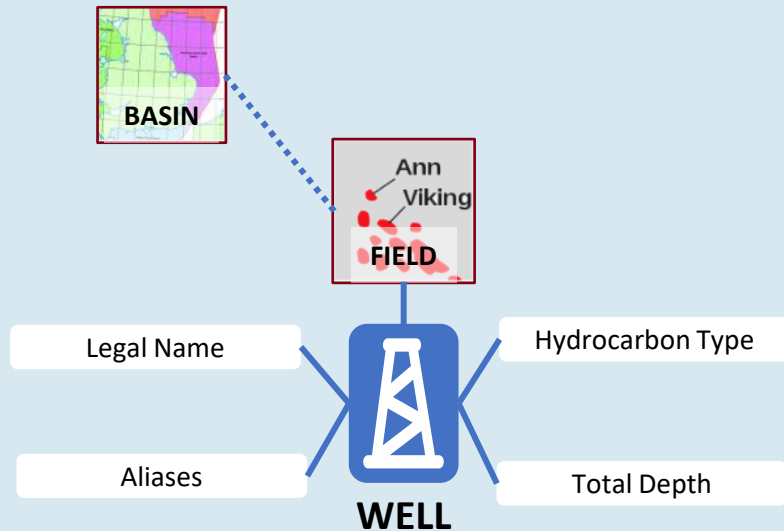


FLARE

Catalog

## What is metadata?

- Tags, keywords or descriptors that define an information object



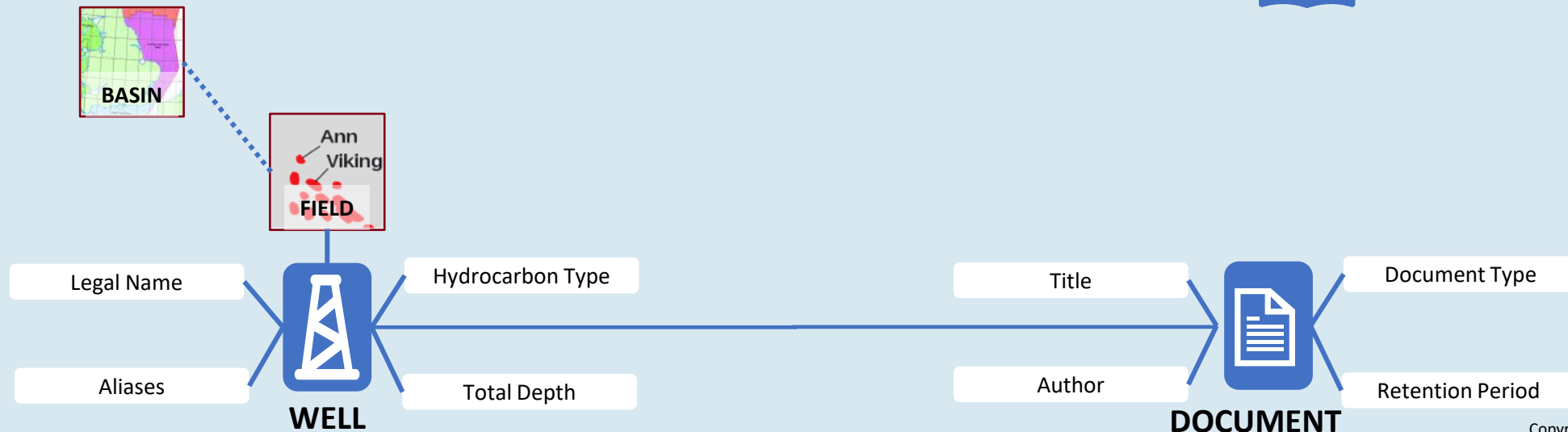


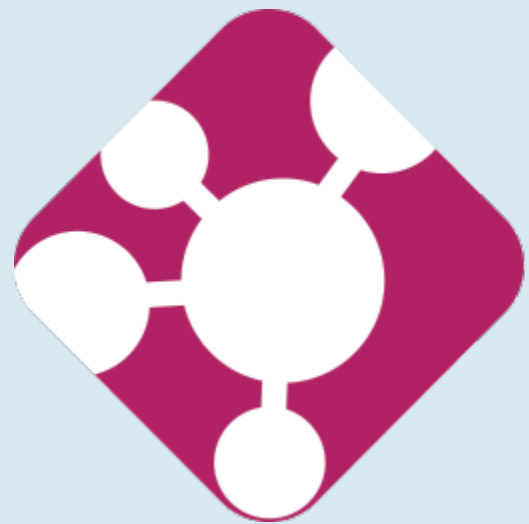
## What is a taxonomy?

- A collection of standardised tags
- Structured, hierarchical or a list
- Includes relationships and synonyms

*Shares company knowledge*

*Configured to support your business*





FLARE

# Taxonomies

>100,000 keywords

>1M aliases, synonyms and relationships



# FLARE Sirius

Store



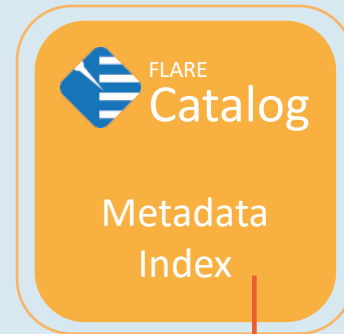
Find



Use

# What does Sirius do?

The Catalog index holds enhanced metadata for all objects, including a link to their locations



The Ingestion Processor creates enriched metadata

**The Automated Librarian**

Knows about the business  
Understands the content  
Learns

The Search Processor understands the intent of a query

# What makes Sirius unique?

1

Metadata index

Delivers a consistent view  
across all data stores

2

Taxonomies  
& Knowledge Bases

Multiple technical languages are aligned,  
and the system learns

3

Two-way improvement to metadata:  
Incoming Content and Search

Understands the meaning of your search

4

Massively scalable  
“Graph” database

Unparalleled performance &  
New capabilities

# Benefits

## Intelligent Search

### Without Taxonomies



### With Taxonomies



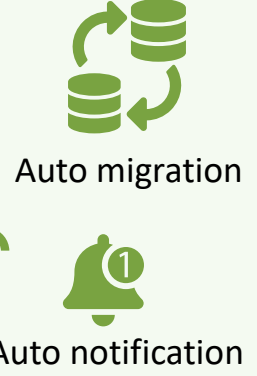
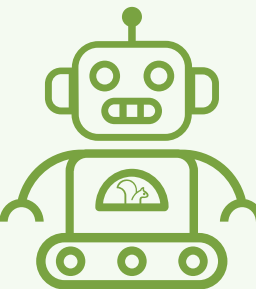
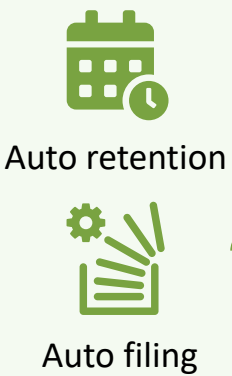
Recall

Precision

Ranking



## Support workflow automation:



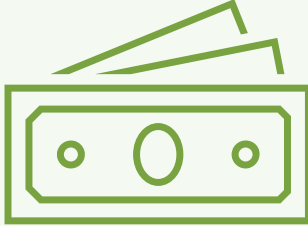
## Outcomes



Saves Time



Reduces Risk



Creates Value

### Support for AI/ML projects:

- Saves time spent cleaning up and finding content for AI projects
- Accelerates and improves AI projects

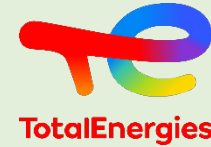




## Clients



38 Countries  
Since 2005



Saved Millions\*  
Over 18 months



wintershall dea

Integration  
Since 2014



Search  
Since 2017

**New Client  
2022**

Augmenting Search  
Extending Taxonomies

Improved Search  
Ongoing in 2023

**Other  
Sectors**

Renewables  
Laboratories

**New Clients  
2023**

AI Projects  
Banking

\* Case Study Link Below

<https://www.flare-solutions.com/case-studies/ma-activity-integrating-datasets-cohesive-usable-system/>



Thank you

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Core



**Catalog**  
enterprise search



**Folio**  
project search



**Tracker**  
information tracking



**Metrics**  
dashboards

Tools



**Orders**  
service requests



**Notifications**  
system alerts



**Transmittals**  
transmittal processor

Contextualisation



**Flare Taxonomies**  
information structure



**Reference Data Manager**  
asset structure



**AutoTag**  
automatic classification



**Text Analytics**  
AI and ML processor



**Capture**  
OCR and AutoTag

Administration



**System Administration**  
configuration



**Adapters**  
SharePoint, Network Drives, Databases