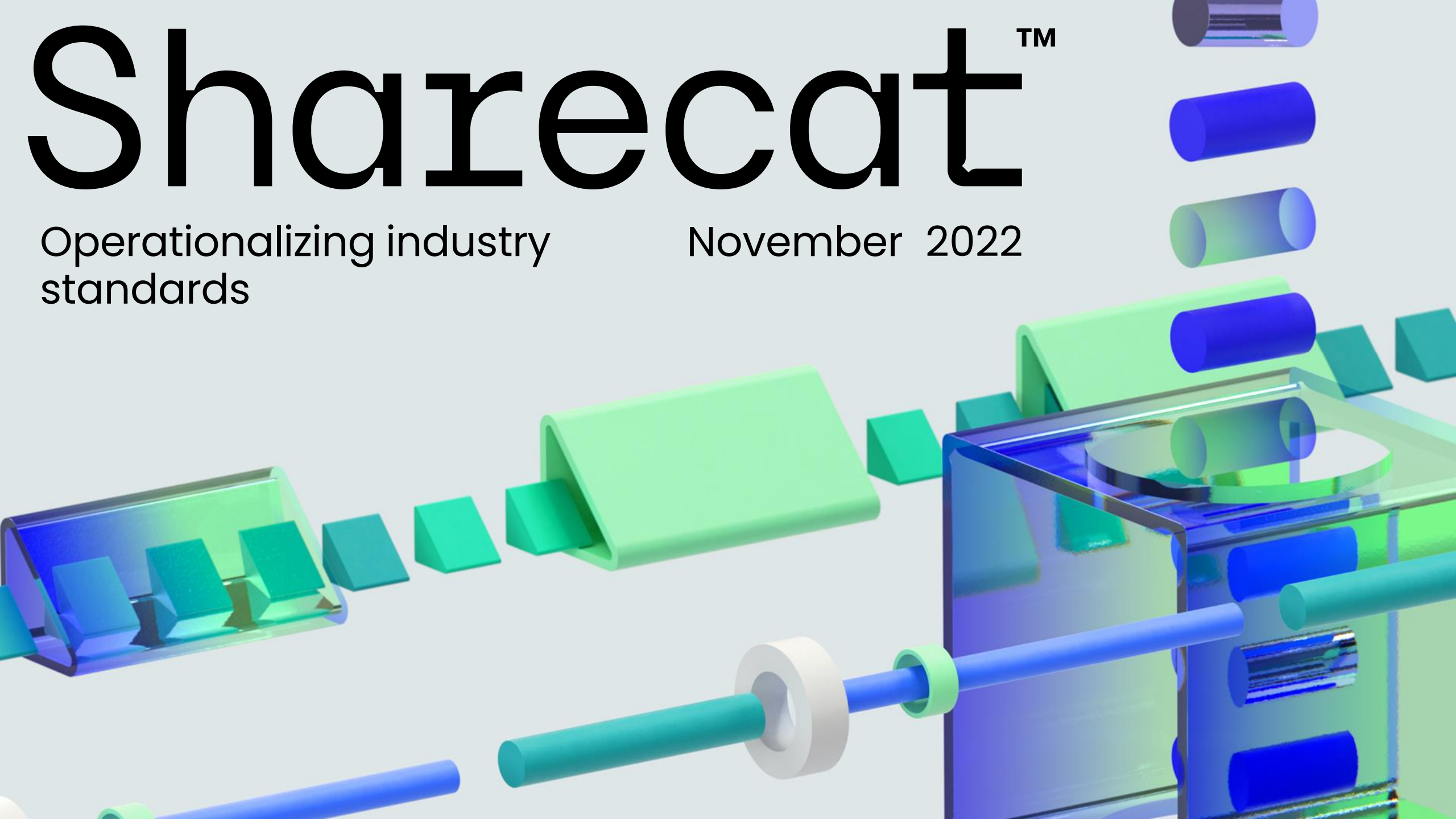


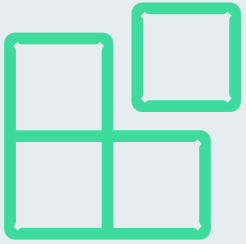
# Sharecat<sup>TM</sup>

Operationalizing industry  
standards

November 2022



# What we do



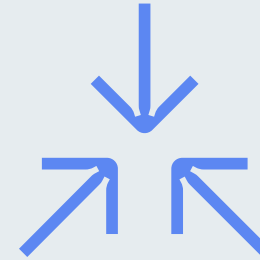
## Unify & extract

We provide a single data platform by gathering, enriching and aggregating all relevant technical data for an asset.



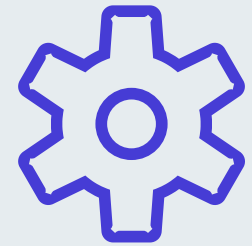
## Analyse & simplify

We apply data science to control, validate and analyse, so customers can use their data in the most efficient way possible.



## Integrate & automate

We use technology to remove low value tasks and reduce risk, through intelligent automation, integration and flow of data.



## Collaborate & share

We empower customers to work collaboratively and easily share data, creating better productivity for all stakeholders.

# Proven globally (since 1993)

## Owner/Operators



## EPCs



## Assets

### Upstream, midstream & downstream

Greater Tortue Phase 1  
Tangguh LNG Train 3  
Glenn Lyon FPSO  
Skarv FPSO  
Jasmine Platform  
Egina FPSO  
Sakhalin II

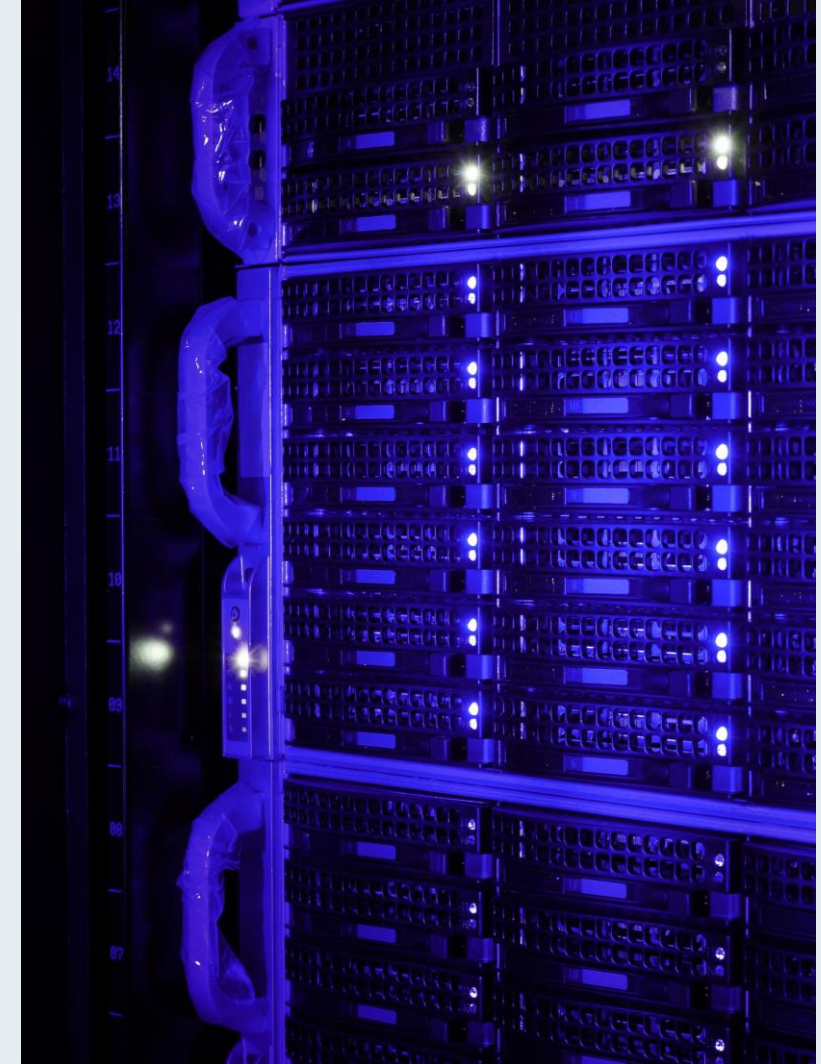
& many many more

**Design, Execute & Operations**

# The Sharecat platform



- ✓ Specifically for Asset Intensive Industries
  - oil & gas, LNG, chemical, renewables, shipping etc.
- ✓ Handling and interlinking of all types of information in one system
  - Documents
  - Tag Data
  - Equipment & Parts Data (products)
- ✓ Enabling digital transformation
- ✓ A common working area & central data environment
- ✓ Functions and processes to work with information across the asset lifecycle (design, project and operations)
- ✓ Integration with other systems
- ✓ Cloud based (SaaS)
  - WFH and global work share ready
  - No limits on data or users
  - No need for additional software or plugins
- ✓ Multi party information exchange built for collaboration
  - Integrated work processes with full control of information and access
  - Host licensee can invite unlimited parties to collaborate without cost impact
- ✓ Automation – removes low value, high volume work
- ✓ Configured/tailored to fit your organisation (and fast to implement)
- ✓ All data is stored in a Tier 3 data center run on 100% renewable energy



# The Sharecat Platform



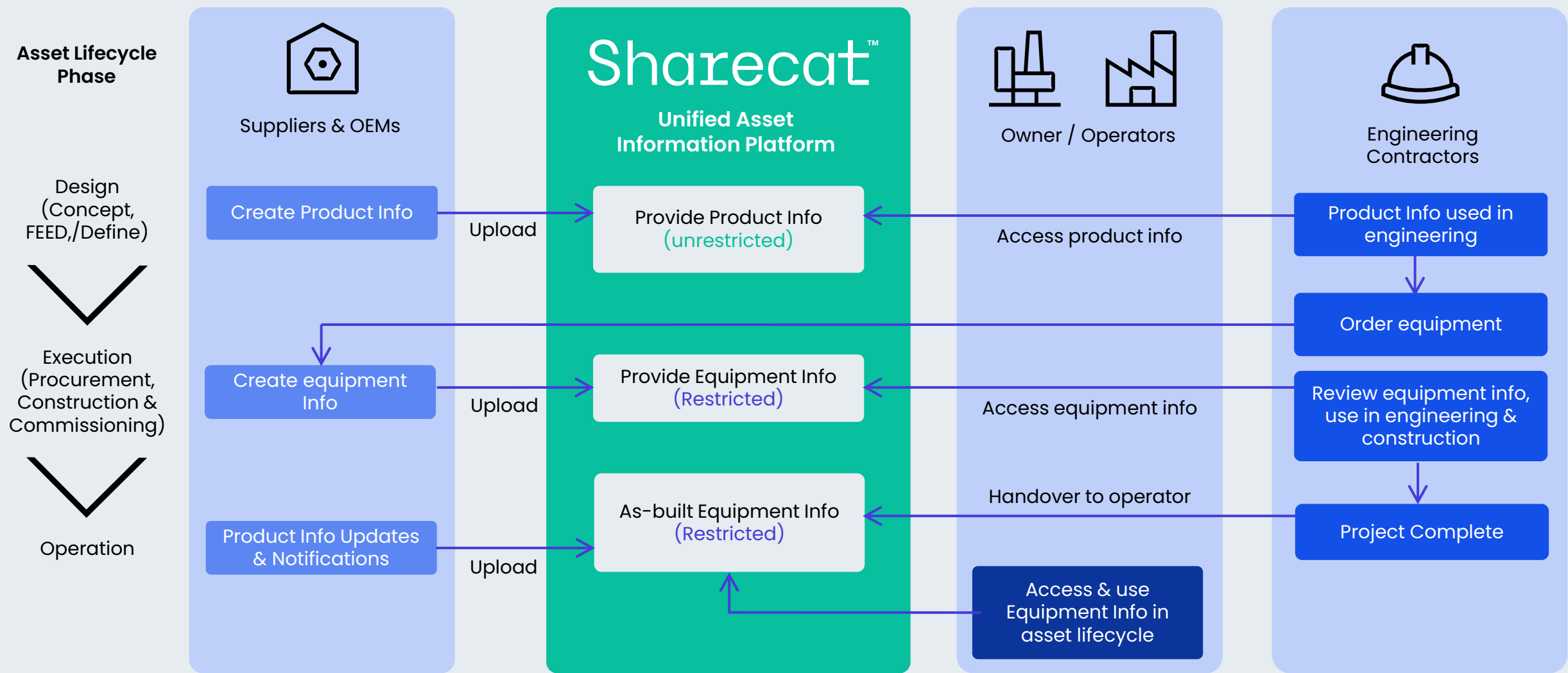
# Using the platform



A single system for all parties from conceptual design, through to execution and on into operations.

# Equipment information across the asset lifecycle

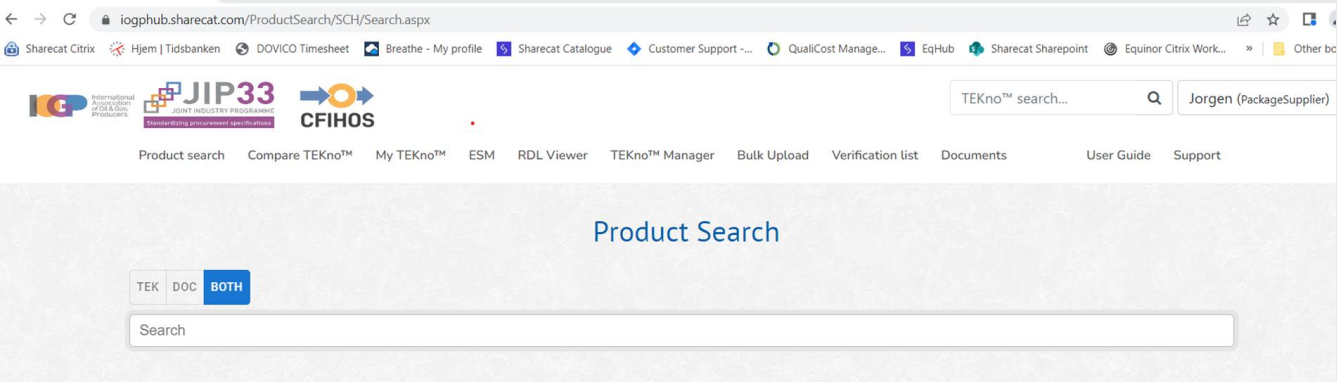
- Approach for Global Equipment Hub (IOGP) and Information Exchange Platform (DDC)








# Global industry initiatives utilising the Sharecat platform


## Global Equipment Hub



## Information Exchange Platform



### Digital Data Chain Consortium




#### Automatic identification of physical objects

**IEC 61406 (predecessor specification DIN SPEC 91406)**

In order to automate access to information and data of plant components, these must be quickly and unambiguously identifiable. The technology for automatic identification of physical objects was defined in IEC 61406.

[more](#)




#### Digital manufacturer information

**VDI Standard 2770**

How can documents be easily transferred and processed between manufacturers, operators and external service providers? And in what form does the manufacturer information have to be available? This is exactly what the VDI standard 2770 "Digital Manufacturer Information" specifies.

[more](#)



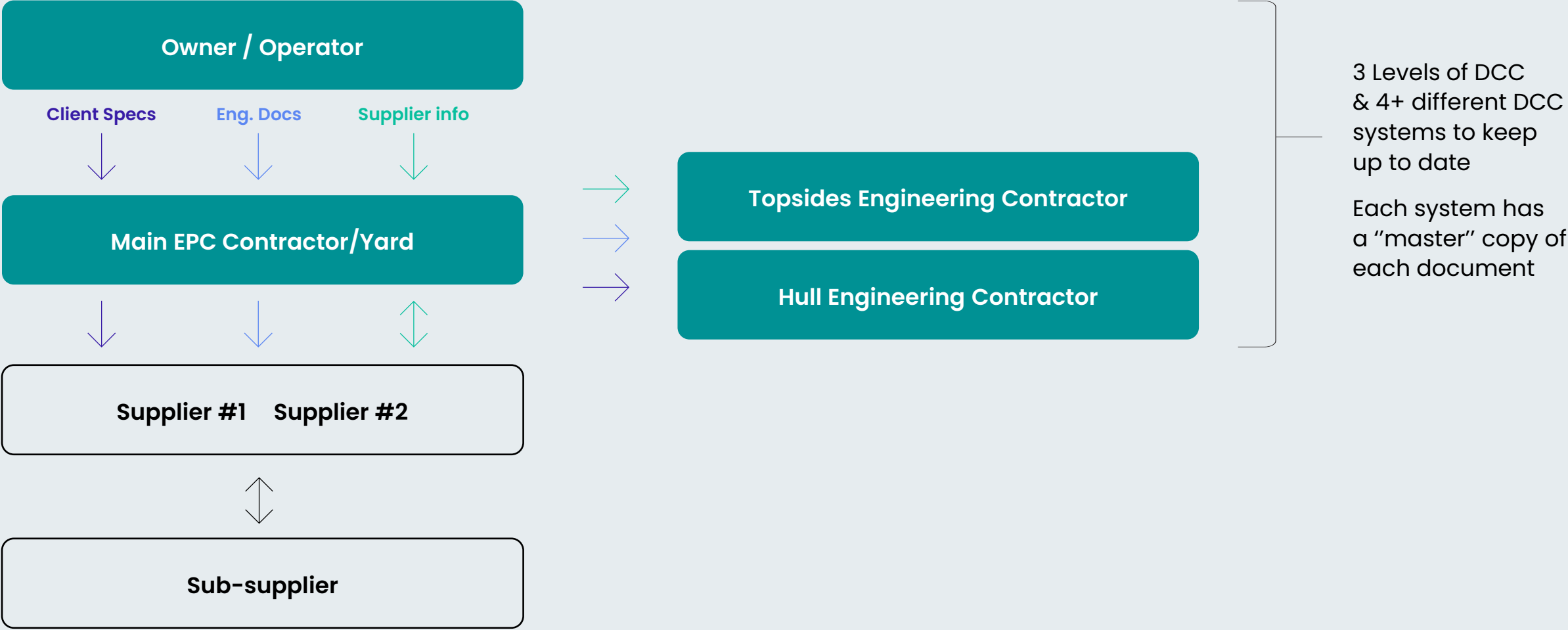
#### Cloud based information exchange platform

Maintenance instructions, technical specifications or spare parts lists - cloud-based information exchange platforms make it easy to share all required information between all companies involved. This creates a fully integrated digital data chain between manufacturers, service providers and operators.

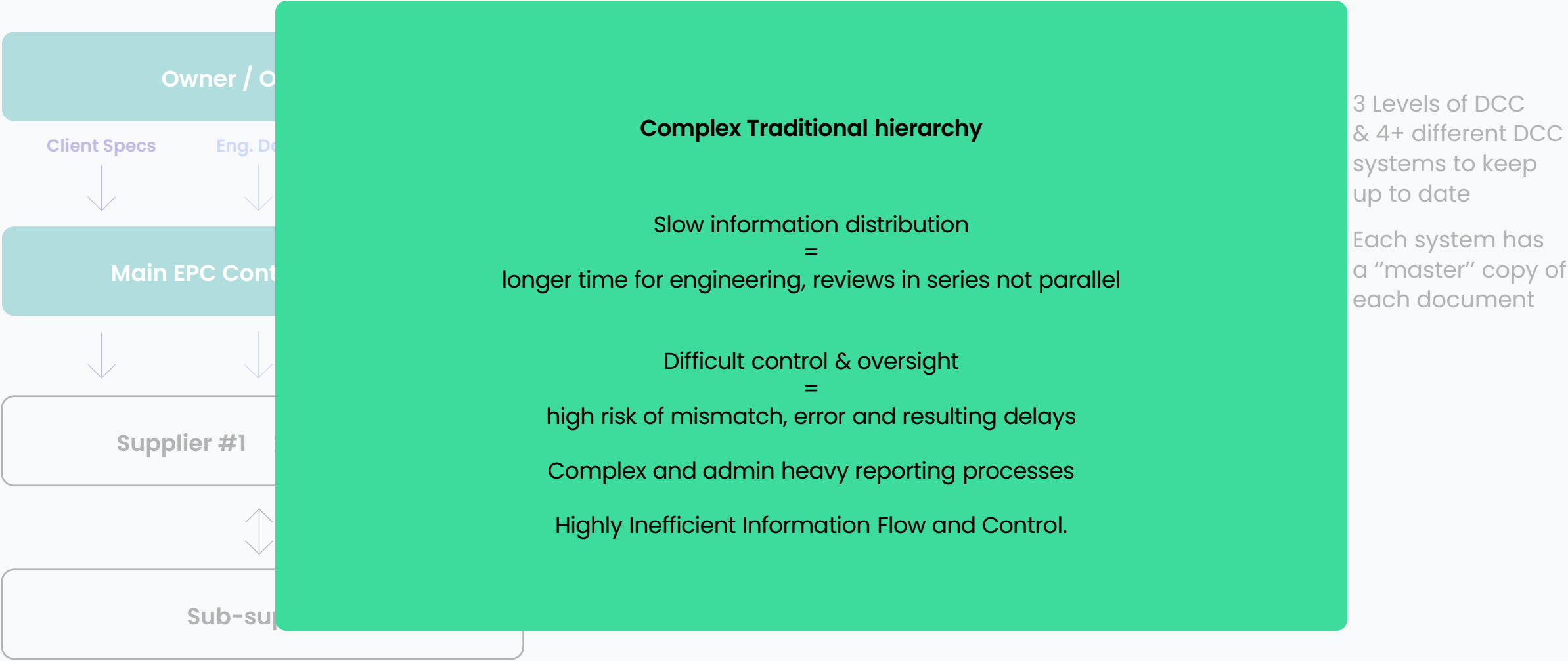
[more](#)



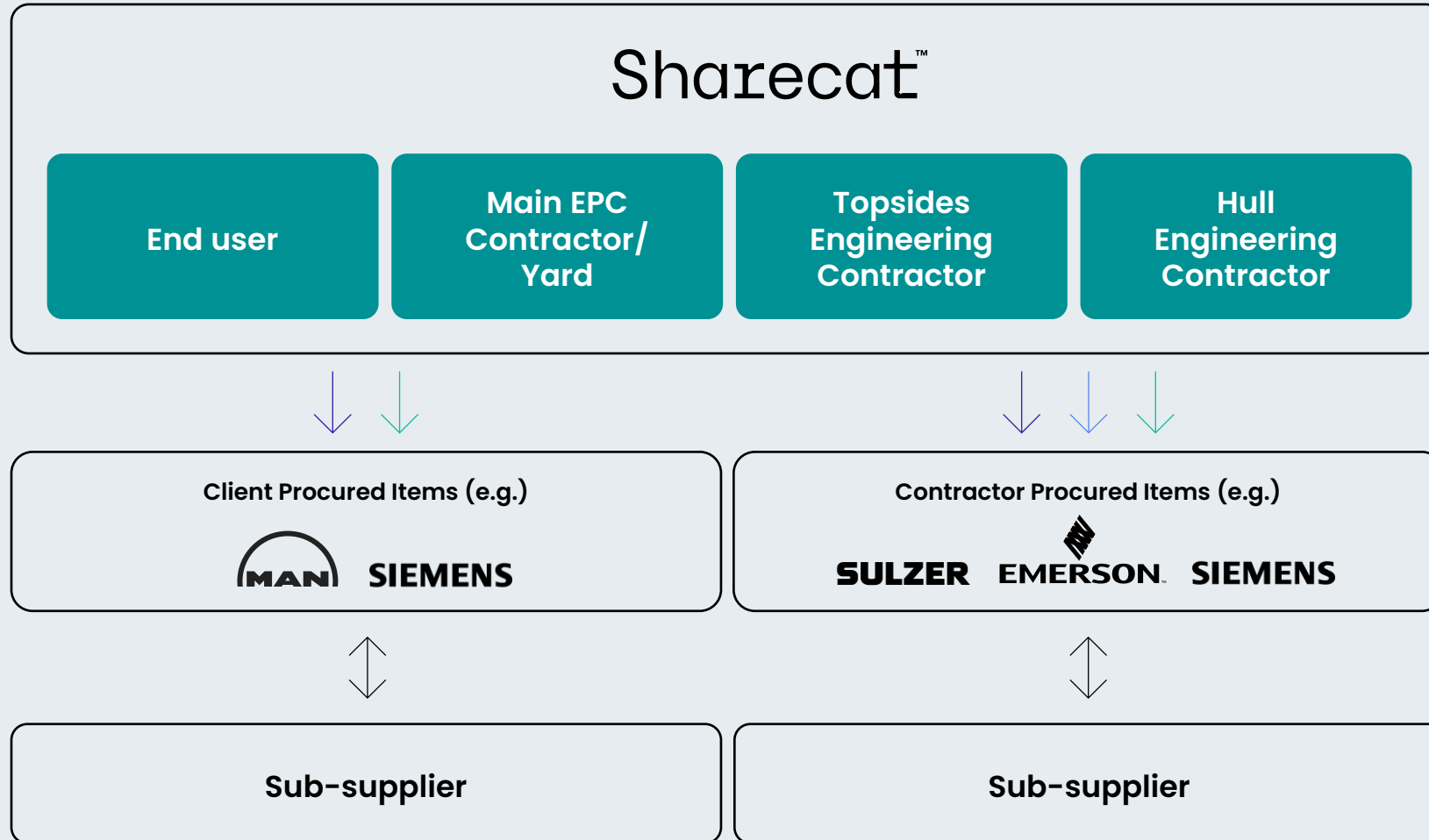
# Traditional project info flow (offshore example)



# Traditional project info flow (offshore example)



# Sharecat project info flow (offshore example)



## Single Cloud Based System for all parties =


- Data and documents from a single solution
- Only one version of data/documents
- No transmittals
- Control and visibility of information
- Efficient distribution of information
- Automated validation, processes, API
- Live data reporting
- Segregation between parties
- Enables Work Share across locations
- Ready to use (and re-use) information

# Re-usable product information

## RDL Viewer

### Catalog - Electro - Electric Motor - Motor, Electric, Ex


Start typing a class name..




#### Definition

**Class:** Motor, Electric, Ex  
**Description:** An electric motor which is designed to be installed in hazardous areas.  
**Def. Source:** PCA  
**Source Reference:** RDS5772282  
[Download Excel template file.](#)


#### Document Requirements




Installation and removal procedures




Operation and maintenance instructions




Product description and ordering information



Measurement and arrangements drawing



EX certificate



EC Declaration of Conformity

#### Properties

Property	Sample	Guidelines	Reference
<b>ELECTRICAL</b>			
Supply voltage, star connection	690 V AC	The nominal or rated voltage which is the voltage supplied to an electrical machine when star connected	
Supply voltage, delta connection	380 V AC	The nominal or rated voltage which is the voltage supplied to an electrical machine when delta connected	

- ✓ The reference data library (RDL) i.e. what data in what format is required per type of equipment, can be set up, maintained and expanded to use any standard for structuring the data linked to an item
- ✓ There are several existing class libraries/ standards already in the platform e.g. CFIHOS combined with references to ISO15926.
- ✓ Custom standards for individual clients or groups of clients e.g. NORSOK z-18
- ✓ Mapping between standards

# Re-usable product information

The screenshot shows a web application interface for product management. At the top, a search bar contains 'pressure transmitter', resulting in 1796 items. Below the search bar, there are filters for 'Class' and 'Manufacturer'. The 'Class' filter shows options like 'Transmitter, Pressure, Electric' (996) and 'Transmitter, Diff. Pressure, Electric' (542). The 'Manufacturer' filter shows 'ROSEMOUNT' (32). A green arrow points from the 'Properties' tab in the 'View TEKno™: TEK-00783817 - Revision: 1 (Approved)' window to the 'Properties' tab in the 'View TEKno™: TEK-00783817 - Revision: 1 (Approved)' window.

**View TEKno™: TEK-00783817 - Revision: 1 (Approved)**

Overview | **Properties** | Documents | Parts | Verification | Revisions

**TEKno™: TEK-00783817**

TEKno™: TEK-00783817  
TEKno™ status: Active  
Model: 3051  
Manufacturer: ROSEMOUNT  
PartNo: 3051CD3A03A1KSS11M6  
PartNo Alias:  
Class: Transmitter, Pressure, Electric  
UNSPSC:  
GTIN:  
Company: EMERSON PROCESS MANAGEMENT A/S  
Activated: Yes  
Activated by: Turid Flaatten  
Verification: Approved  
Description: Smart Diff.pressure transmitter with HART protocol. Measures differential pressures from 0.1inH2O to 2000psi (0.02 to 13 800kPa) with superior performance including 0.075% accuracy and 100:1 rangeability. Code S5 : Assemble to Model 305 Integral Manifold

Edit TEKno™ | Import TEKno™ | Deactivate

**View TEKno™: TEK-00783817 - Revision: 1 (Approved)**

Overview | **Properties** | Documents | Parts | Verification

**TEKno™: TEK-00783817**  
Part No: 3051CD3A03A1KSS11M6

**Connections**

Description	Value
Process connection design	Screwed termination
Process connection size	1/2"
Thread pitch, process connection	14 thread

**General**

Description	Value
Body material	316
Approximate operating weight	7.5 kg
Ambient temperature	-46 ~ 149 °C

**Hazardous Area**

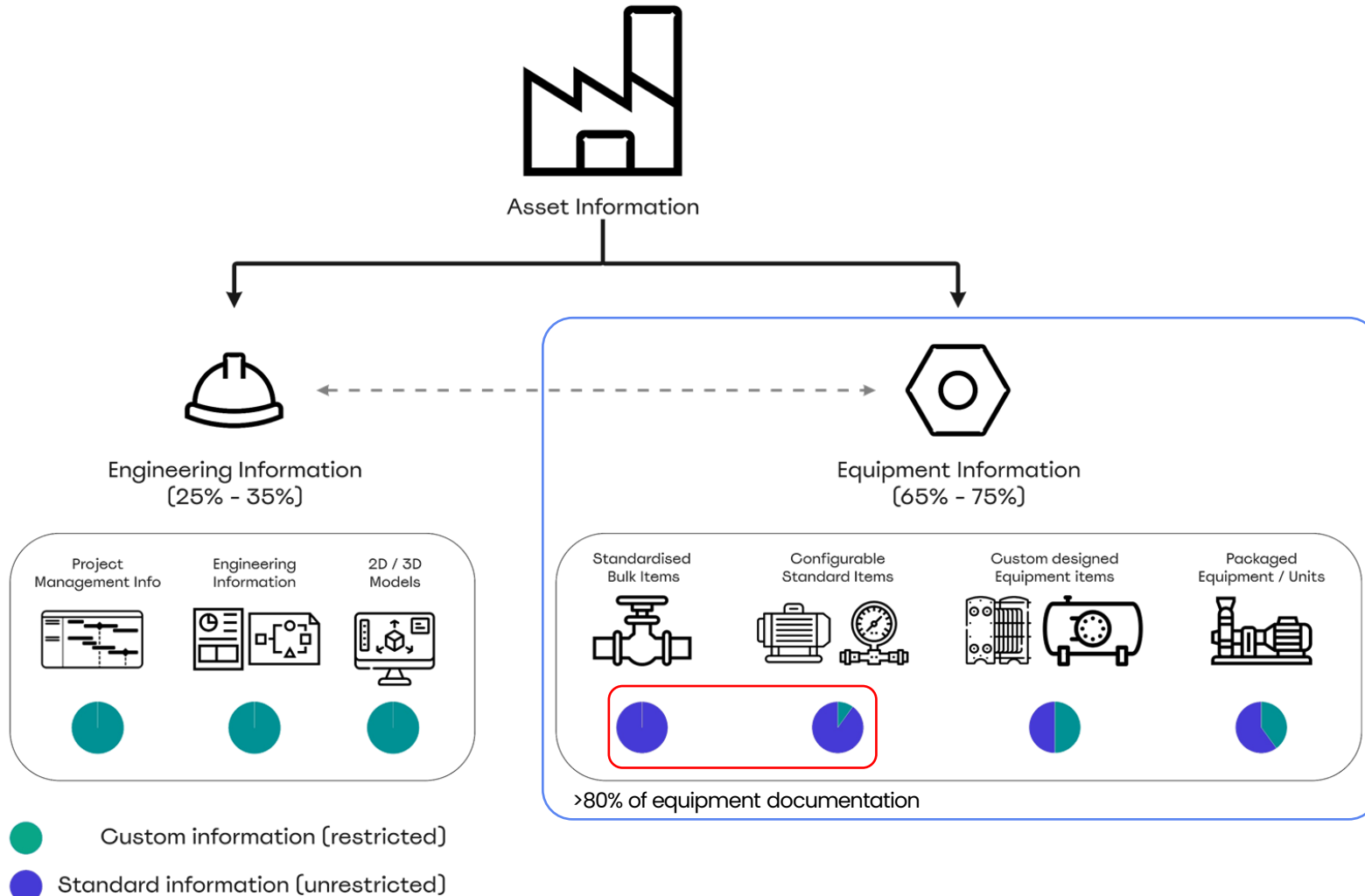
Description	Value
CE marking	CE1580
ATEX group	II
ATEX category	1
ATEX explosive atmosphere	GD
Explosion protection	Ex [I]a
Gas group	IIC

Access to a large pool of products already in the platform

- ✓ Simple, efficient search and filtering
- ✓ Structured characteristics & documents per item
- ✓ Bulk upload, automated structuring and verification of data
- ✓ Automated check and validation
- ✓ Connecting data (API) to other systems e.g. ERP or design tools

# Significant potential value

## Improved handling of equipment information



**The potential value by improving handling equipment information through digital technology is considerable:**

- The majority of information linked to an asset is equipment information (>65%)
- Being able to reuse model part information will reduce volumes of information required from suppliers by an average of 60% per equipment item bought.
- Improved handling of equipment lifecycle information will result in improved productivity for owner/operators, suppliers and engineering contractors across the entire life of an asset.

**Handling information, documents, digital ready objects and attributes, builds the foundation for improved information flow and integrations with other systems.**



# Sharecat™

An abstract 3D graphic featuring a blue rod that passes through two grey circular discs. Green rings are positioned on the rod, one on each side of the discs. The rod and rings have a slight gradient and shadow, giving them a three-dimensional appearance. The background is a light, neutral color.

Thank you!

Dag Pettersen, CEO

[dag.pettersen@sharecat.com](mailto:dag.pettersen@sharecat.com)

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