

3RD Norwegian Decommissioning seminar

Virtual inventory and Loop – create a more transparent market potential

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Services in Inventory and Equipment



- **virtual inventory** Service for sharing of inventory across all operators on NCS
- **critical** Service for requesting critical material
- **loop** Service for sales handling of surplus material
- **eqhub** Common repository for gathering and sharing of equipment data and documentation
- **eqhubnorm** Common standards for information and document gathering
- **spir** Common handling of recommended spare part

Inventory & Equipment Services

Our ambitions



Sustainable and Green Industry



Billion of NOK total savings

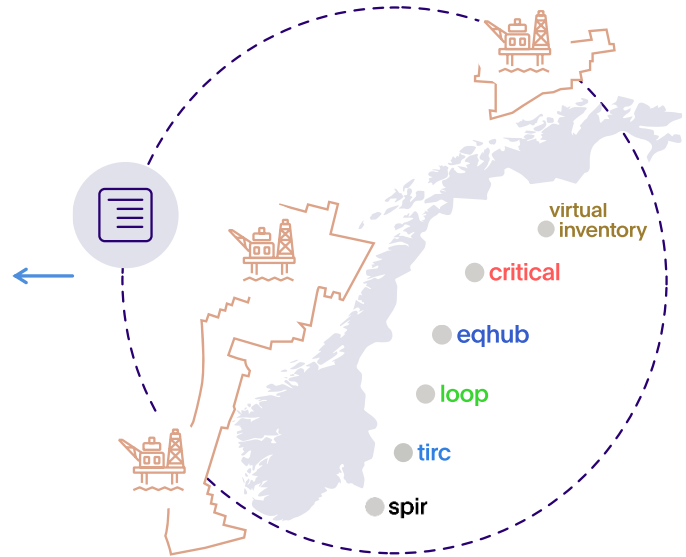


100% Industry digitalization



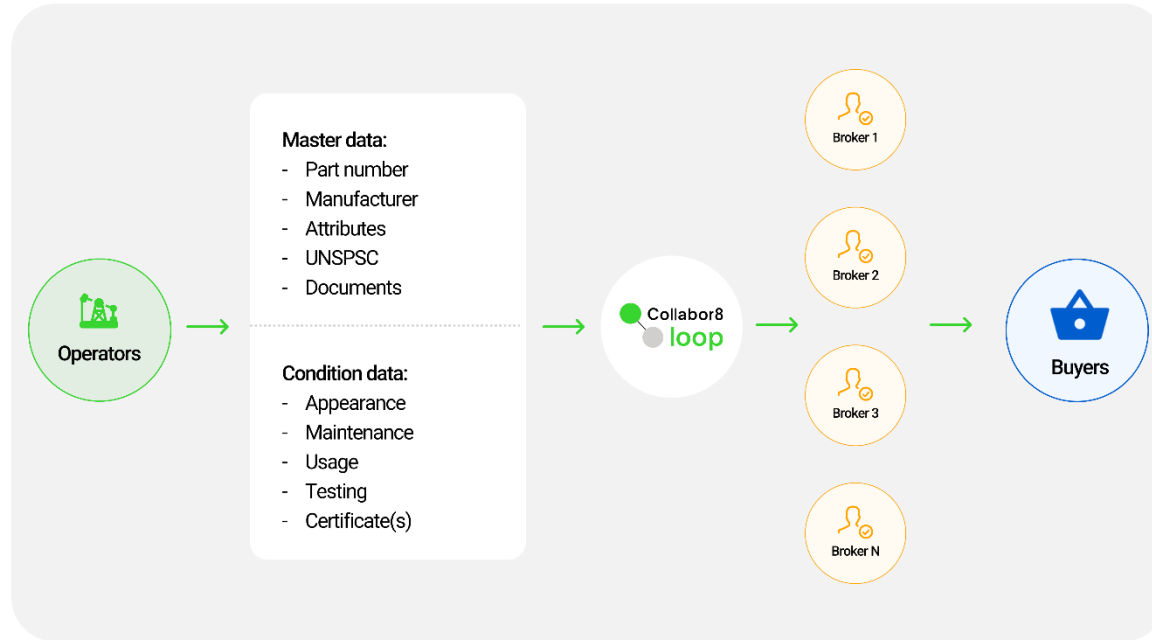
Decreased overlap of equipment in stock

Offshore Norge
Contribution
towards the
competitiveness
of NCS



Loop

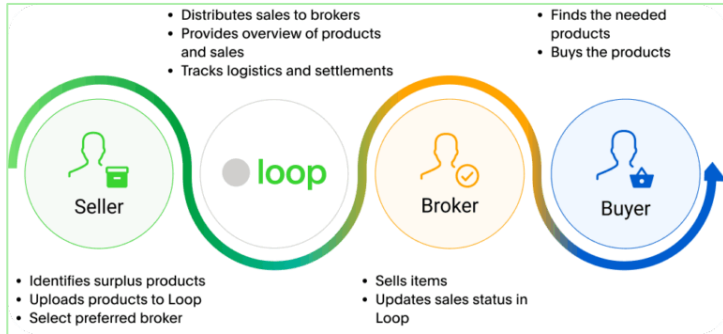
the principles



- Common process for handling surplus material
- Common way of showing the industry's sustainability responsibility
- Trusted brokers using common agreement
- Avoid data quality issues utilizing other common industry solutions

Brokers in Loop

- Standard agreement with brokers
- Agreement with four brokers
- Ongoing dialogue with broker candidates



Retrade
Online auction since 2007

STENA
RECYCLING

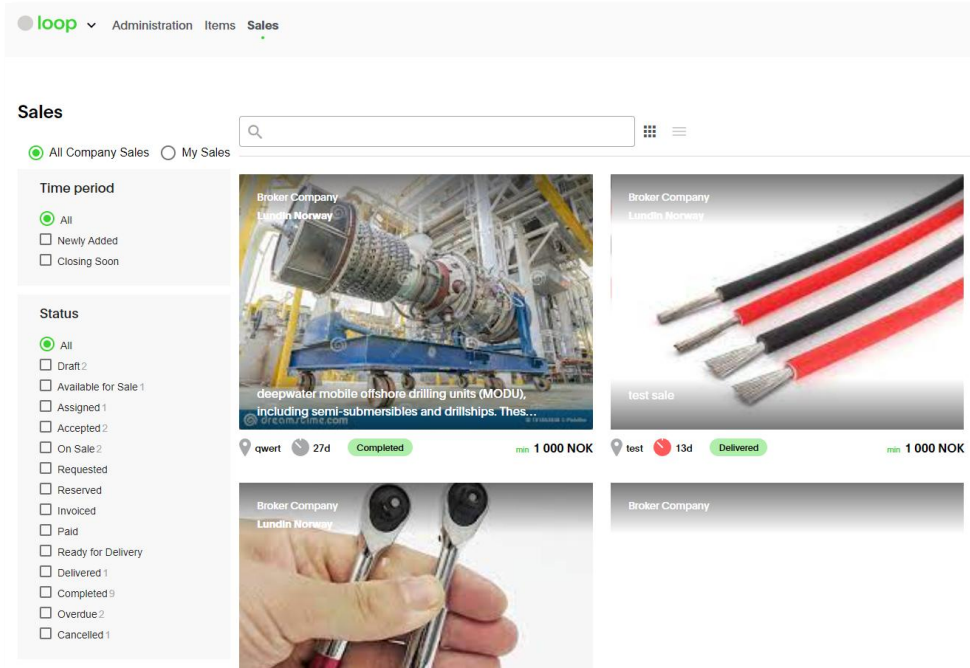
rigfinder.

Tubus

SALVEX
EQUIPMENT

PRO-QUIÇ

Loop – Application

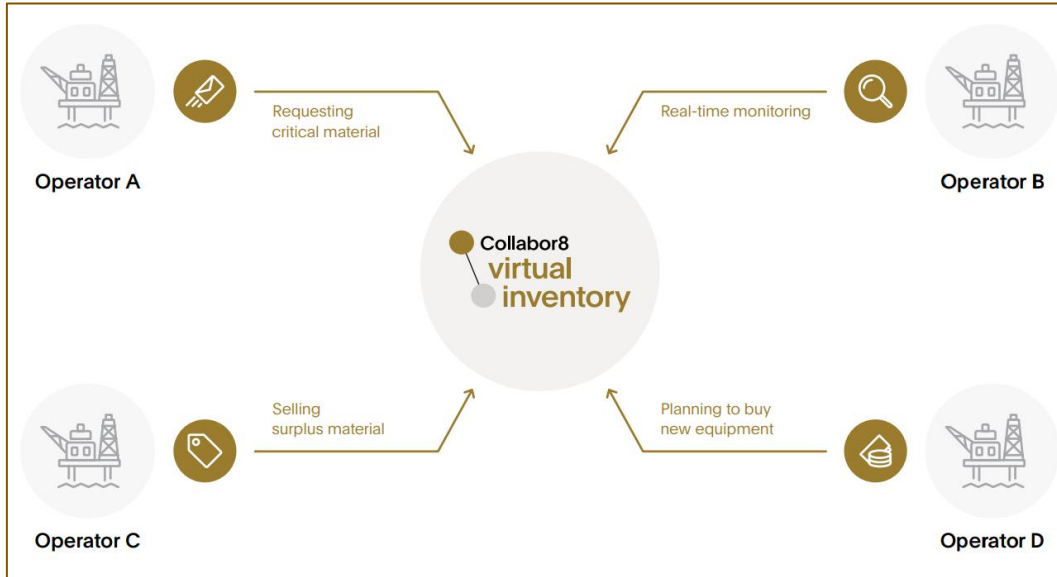


The screenshot displays the Loop application interface. At the top, there is a navigation bar with a 'loop' logo and menu items for 'Administration', 'Items', and 'Sales'. Below this, the 'Sales' section is active, featuring a search bar and radio buttons for 'All Company Sales' (selected) and 'My Sales'. On the left, there are two filter panels: 'Time period' with options for 'All' (selected), 'Newly Added', and 'Closing Soon'; and 'Status' with a long list of options including 'All' (selected), 'Draft 2', 'Available for Sale 1', 'Assigned 1', 'Accepted 2', 'On Sale 2', 'Requested', 'Reserved', 'Invoiced', 'Paid', 'Ready for Delivery', 'Delivered 1', 'Completed 9', 'Overdue 2', and 'Cancelled 1'. The main content area shows a grid of product listings. The top-left listing features an image of a deepwater mobile offshore drilling unit (MODU) and includes text: 'Broker Company Lundin Norway', 'deepwater mobile offshore drilling units (MODU), including semi-submersibles and drillships. This...', a location pin 'qwert', a clock icon '27d', a green 'Completed' badge, and a price '1 000 NOK'. The top-right listing shows an image of cables and includes text: 'Broker Company Lundin Norway', 'test sale', a location pin 'test', a clock icon '13d', a green 'Delivered' badge, and a price '1 000 NOK'. The bottom-left listing shows an image of a hand holding a tool and includes text: 'Broker Company Lundin Norway'. The bottom-right listing is currently empty and includes text: 'Broker Company'.

- Available for all operators on NCS
- Ongoing development and adjustment based on need from users and roadmap












Virtual Inventory

the principles



- 12 operators sharing inventories across NCS and UKCS
- >6 million unique equipment and spare parts registered
- Share across operatorship

Virtual Inventory - Application

 	Multiple: 16	DETECTOR, FIRE PROT:OPTICAL SMOKE, -20-70D	116-BHH-500/EX/SPARE	AUTRONICA FIRE AND SECURITY	Multiple: 3	Multiple: 16	110
Material Description							
 	Multiple: 5		Multiple: 5	116-BHH-500/EX/SPARE	AKERBP ASA	Multiple: 5	45 pcs - ...
		DETECTOR, FIRE PROT:OPTICAL SMOKE, -20-70D	1000304765	Alvheim FPSO - Offshore		6 pcs	<input type="text" value="0"/>
		DETECTOR, FIRE PROT:OPTICAL SMOKE, -20-70D	1000304765	Ula Q Offshore		9 pcs	<input type="text" value="0"/>
		DETECTOR, FIRE PROT:OPTICAL SMOKE, -20-70D	1000304765	Valhall PH Offshore		19 pcs	<input type="text" value="0"/>
		DETECTOR, FIRE PROT:**USE 1000304765** SM	1000306948	Skarv FPSO - Offshore		3 pcs	<input type="text" value="0"/>
		DETECTOR, FIRE PROT:OPTICAL SMOKE, -20-70D	1000304765	Ivar Aasen Platform - Offshore		8 pcs	<input type="text" value="0"/>
>		Multiple: 8	Multiple: 8	116-BHH-500/EX/SPARE	Equinor Energy AS	Multiple: 8	57 pcs - ...
>		Multiple: 3	Multiple: 3	116-BHH-500/EX/SPARE	VAR ENERGI ASA	Multiple: 3	8 pcs - ...
See full overview SEE ON EQHUB + Critical Add to cart 							

Challenges



Industry
mindset



Change
management



Focus



Missing
documentation



Available document and equipment data

Product Details Published Approved Revision Number: 1 + New Revision

EqHub ID: 100017147 Add to my List(s)

Overview Documents Verification & Context Parts Change log

Manufacturer: ROSEMOUNT Part Number: 214CRTSMA1D3M028SLL1UAE0B0M2XA Model Number: -

Product image(s) end/or 3D model(s)

Class: Element, Temperature, Resistance TOPSIDE

Part Number Uniqueness: Unique Unique Part Number Alias(es): - UNSPSC Category: 41112225 Resistance temperature detector RTD



Description: The Rosemount 214C RTD Temperature Sensor is a Pt-100, single or dual element resistant temperature detector (RTD) that covers a wide range of temperatures, from -321 to 1112°F (-196 to 600°C). An exceptional solution, this sensor has a thin-film and wire-wound design for application flexibility. With many calibration options, including Class A or B sensor accuracy, this sensor also offers Callendar-Van Dusen constants for transmitter-sensor matching to provide the highest level of accuracy.

Properties

Connections

Process connection design: NPT Female
Process connection size: 1/2"
Thread pitch, process connection: mm/ths

Materials, Insulations and Coating

Process connection material: 316 SST
Sheath material: 321 SST

Process Condition and Function

Span limit maximum, Temperature: -50 degC
Span limit minimum, Temperature: 450 degC



Overview Documents Verification & Context Parts Change log Table view List view

Required / Additional	Category	Mandatory / Conditional	Document Id	Document Title	Document No.	Revision No.	Revision date	Part list
Required	Data sheet	Mandatory	100008823	PRODUCT DATA SHEET - 214C TEMPERATURE SENSORS	00813-0500-2654	HE	01.09.2024	
Required	Detail cross sectional drawings with parts list	Mandatory	132568	DRAWING 214C TEMPERATURE SENSOR	00214-7000	AH	19.02.2021	View
Required	EU declaration of conformity	Mandatory	132569	EU DECLARATION OF CONFORMITY 65, 85, 185 AND 214C TEMPERATURE SENSOR	RMD 1109	F	27.08.2021	
Required	General Arrangement drawing	Mandatory	132568	DRAWING 214C TEMPERATURE SENSOR	00214-7000	AH	19.02.2021	
Required	Installation, operation and maintenance instructions	Mandatory	100002787	QUICK START GUIDE	00825-0400-2654	DE	31.07.2023	
Required	Packing, storage, preservation, lifting, transportation and handling procedure	Mandatory	132376	PRESERVATION, PACKING, SHIPPING AND HANDLING	PR-QA-002	4	31.03.2017	
Required	Product description and ordering information	Mandatory	100008823	PRODUCT DATA SHEET - 214C TEMPERATURE SENSORS	00813-0500-2654	HE	01.09.2024	
Required	Termination and wiring diagram	Mandatory	100002787	QUICK START GUIDE	00825-0400-2654	DE	31.07.2023	
Required	EX certificate	Conditional	100008824	EU-TYPE EXAMINATION CERTIFICATE - BASEEFA16ATEX0101X	BASEEFA16ATEX0101X	2	22.07.2024	

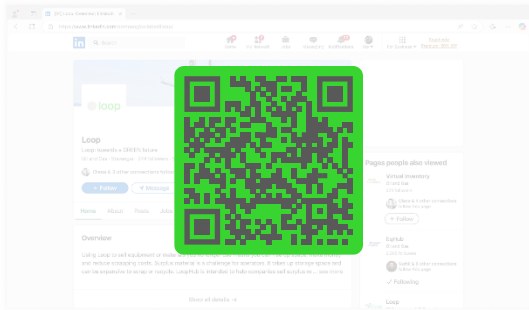
Opportunities

virtual
● inventory

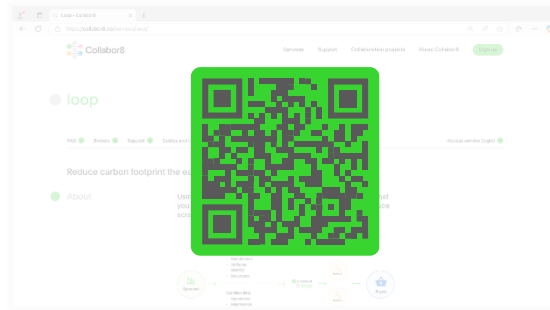
● loop

- Use Virtual Inventory and Loop as part of decommissioning processes
- Add equipment for sales early
- Document the equipment

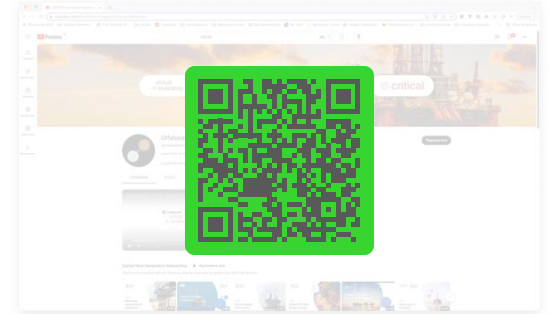
Available information at:



linkedin



<https://collabor8.no/services/loop/>



youtube

Thank you!



OFFSHORE NORGE

<https://collabor8.no/services/loop/>