

LIBERO Cloud: Monitoring Solutions for Products in Transit.

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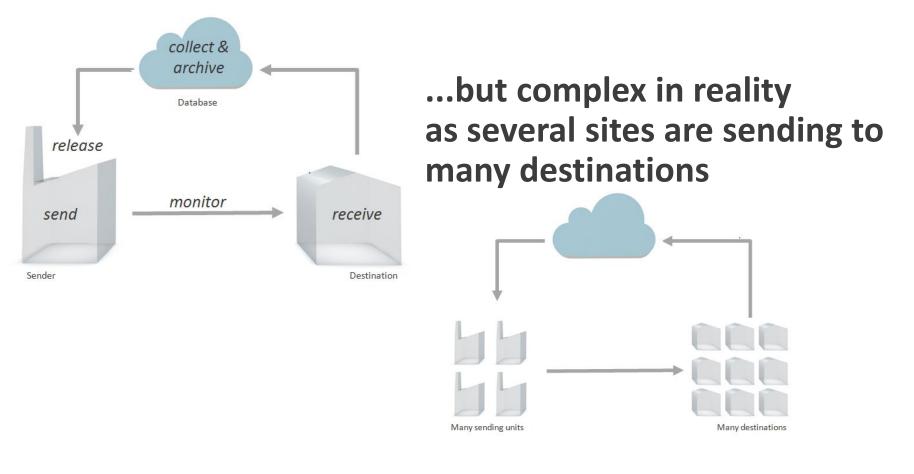


Challenge of Temperature Monitoring in Distribution

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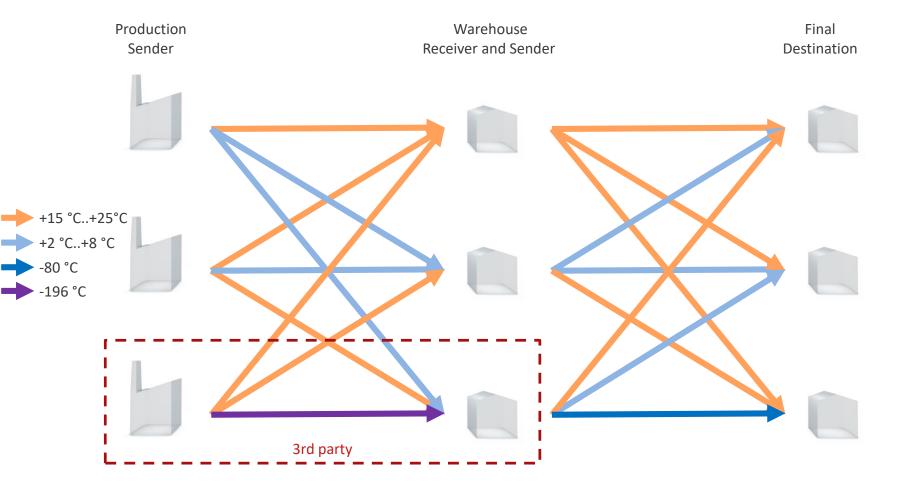
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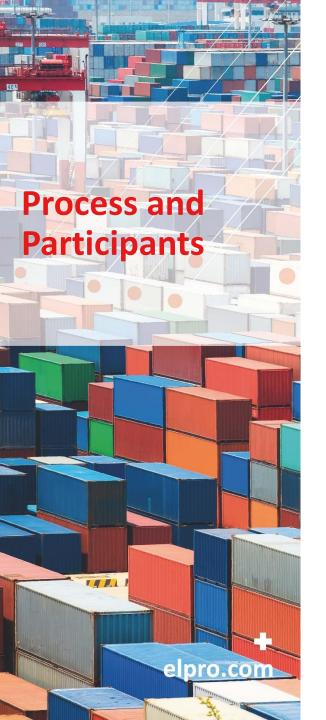
Cold Chain Monitoring is simple in its core

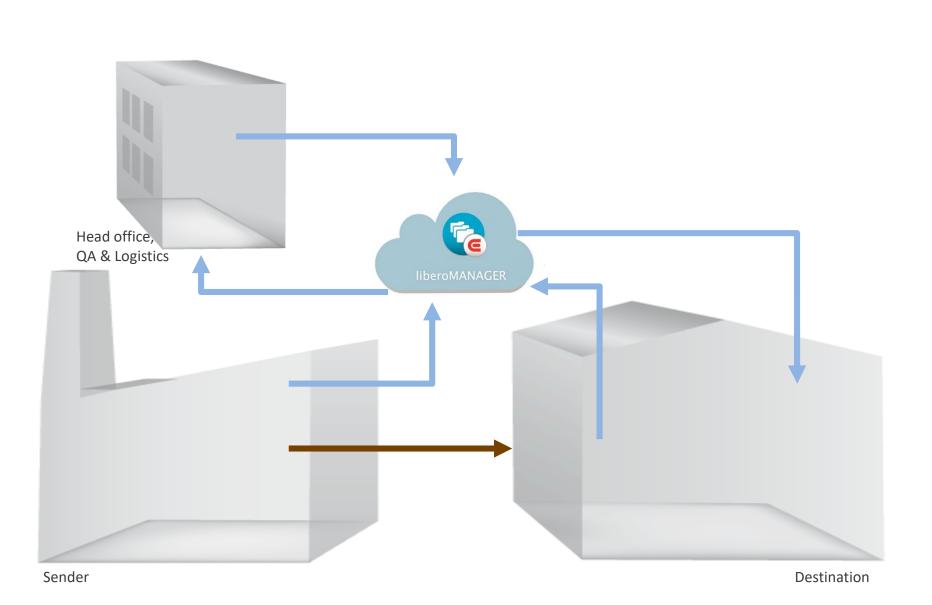


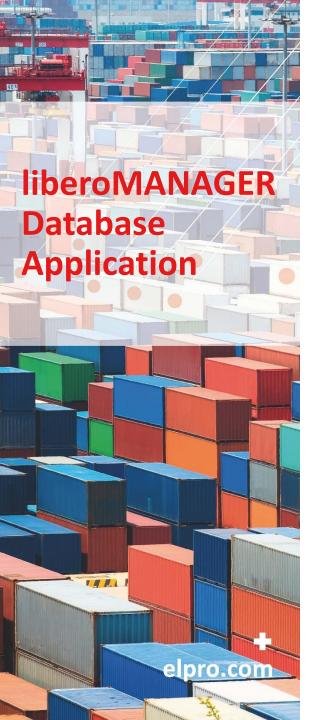
Challenge of Temperature Monitoring in Distribution

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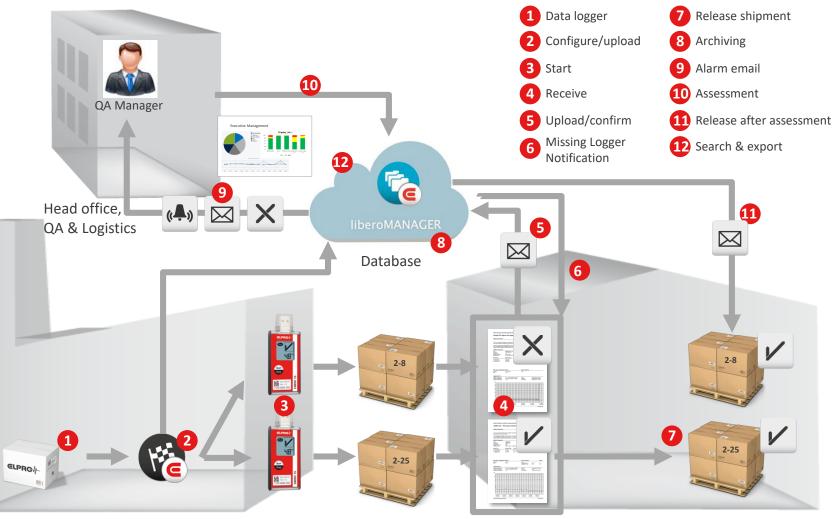




Global accessible tool (SaaS) to send, collect, archive, release, analyze and manage temperature data along the supply chain.

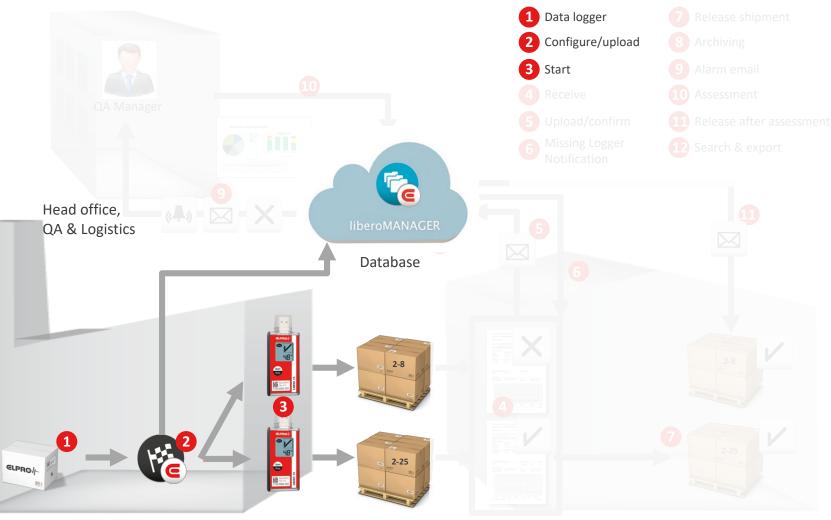
- hosted in a highly secure data center
- Accessible via web browser (no software installation)
- FDA 21 CFR Part 11 compliant and GAMP5 validated





Sender





Sender







	LIBERO PDF Report - to be sent to demo10	@liberomanager.com		
Ac	dditional Information			
1]
2				
3	Sender §	select	~	ŀ
4	Study No. §			
5	Transportation No. §			1
6	Origin §	-select	~	ŀ
7	Destination §	select	~	ŀ
8	Courier §	select	~	
Ы)F Filename			
	Demo1_2-8_			1







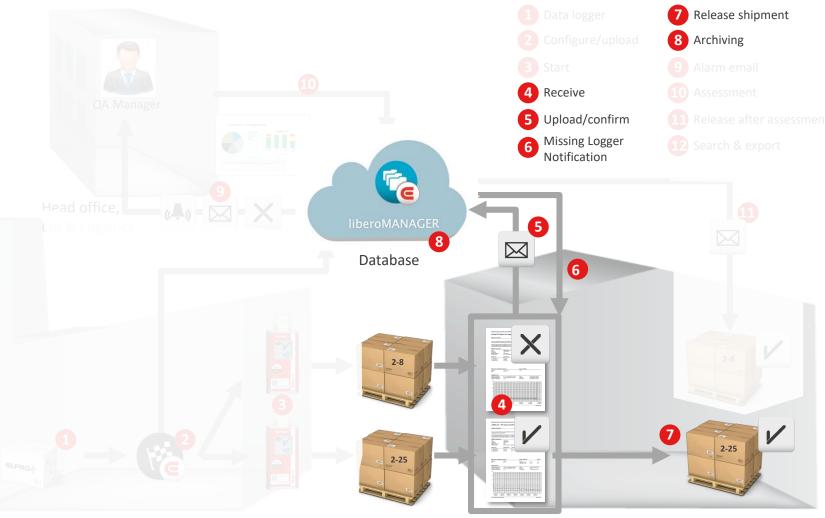


liberoMANAGER Shipment Overview

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02 Last Week	□ 100004	Site XYZ	SUI	Site ABC	<empty></empty>	Air	DHL	Swiss	EF2700	<empty></empty>	<empty></empty>	Complete	(1/1)		All OK	Released
3 This Month	100005	Site123	USA	Site ABC	Italy	Sea	K+N	<empty></empty>	Insulbox 35	<empty></empty>	<empty></empty>	Complete	(1/1)		All OK	Released
14 Last Month	100007	Site123	<empty></empty>	Site 007	<empty></empty>	Sea	Kautetski	<empty></empty>	Peli Xtra Cold	<empty></empty>	<empty></empty>	Complete	(1/1)		All OK	Released
	100013	Site UVW	USA	Site ABC	<empty></empty>	Rail	Panalpina	United Airlin	Insulbox 35	<empty></empty>	B123x	Complete	(2/2)		All OK	Released
Open Shipments	100014	Site 007	SUI	Site ABC	<empty></empty>	Air	DHL	Swiss	Va-Q-Tcon	<empty></empty>	<empty></empty>	Complete	(1/1)		All OK	Released
Complete Shipments	100015	Site ABC	<empty></empty>	Site XYZ	<empty></empty>	Rail	Panalpina	<empty></empty>	Va-Q-Tcon	<empty></empty>	<empty></empty>	Complete	(2/2)		All OK	Released
Released Shipments	100016	Site 000	USA	Site 007	<empty></empty>	Road	Panalpina	<empty></empty>	EF2700	<empty></empty>	<empty></empty>	Complete	(2/2)		All OK	Released
Rejected Shipments	100017	Site 007	USA	Site 000	<empty></empty>	Air	UPS	United	Envirotainer RAP	<empty></empty>	<empty></empty>	Incomplete	(1/2)		Work in Progress	Open
Obsolete Shipments	100018	Site123	SUI	Site ABC	<empty></empty>	Air	DHL	Swiss	Insulbox 35	<empty></empty>	<empty></empty>	Incomplete	(3/5)		All OK	Open
	100019	Site 007	USA	Site 000	FRA	Air	UPS	AirFrance	EF2700	Exiliris	BN 184-654	Complete	(1/1)		Not All OK	Rejected
insport Mode	□ 100020	Site 000	SUI	Site 007	<empty></empty>	Air	DHL	Swiss	EF2700	<empty></empty>	<empty></empty>	Incomplete	(4/5)		All OK	Open
reenal Maure	100021	Site XYZ	<empty></empty>	Site ABC	<empty></empty>	Rail	Panalpina	<empty></empty>	Insulbox 35	<empty></empty>	<empty></empty>	Incomplete	(1/2)		Work in Progress	Open
ersonal Views	100050	Site 007	USA	Site XYZ	ARG	Air	TNT	American Ai	Insulbox 35	Pulmalium	B123987	Complete	(2/2)		All OK	Released
All Shipments	100051	Site 007	USA	Site ABC	CAN	Air	Panalpina	United	Insulbox 35	Pulmalium	B321789	Complete	(1/1)		All OK	Released
Test	100052	Site 007	USA	Site123	GER	Air	UPS	Lufthansa	Einvirotainer RK	Parallax	B456987	Complete	(2/2)		All OK	Released
	100097	Site XYZ	SUI	Site 987	USA	Air	UPS	Delta	Envirotainer RAP	Tropal	B333	Complete	(2/2)		Not All OK	Rejected
	100099	Site123	<empty></empty>	Site 007	<empty></empty>	Sea	Kautetski	<empty></empty>	Peli Xtra Cold	<empty></empty>	<empty></empty>	Incomplete	(0/1)		All OK	Open
	1005	Site ABC	SUI	Site123	<empty></empty>	Sea	DHL	-	EF2700	<empty></empty>	<empty></empty>	Complete	(3/3)		All OK	Released
	1005	Site XYZ	SUI	Site 987	USA	Air	UPS	Delta	Envirotainer RAP	Tropal	B333	Complete	(2/2)		Not All OK	Rejected
	123586	Site XYZ	SUI	Site 987	<empty></empty>	Sea	DHL	<empty></empty>	Va-Q-Tcon	<empty></empty>	<empty></empty>	Complete	(1/1)		All OK	Released
	18115896	Site ABC	SUI	Site UVW	USA	Air	TNT	American Ai	Va-Q-Tcon	Tropal	784	Complete	(4/4)		Work in Progress	Open
	1986-2016	Buchs SG	SUI	Boston	USA	Air	K+N	Swiss	Envirotainer RAP	Xantium	RS-0095-1	Incomplete	(5/10)		All OK	Open
	20161011	Site ABC	SUI	Site 007	FRA	Air	DB-Schenker	Swiss	EF2700	Dormicum	01	Complete	(1/1)		Work in Progress	Open
	21458874	Site XYZ	USA	Site 007	FRA	Sea	Panalpina	United	Va-Q-Tcon	Xantium	2254-5548W2	Complete	(1/1)		Work in Progress	Open
	4589633	Site 007	SUI	Site123	SUI	Air	DHL	Lufthansa	Insulbox 35	Pulmalium	2AX34	Complete	(4/4)		Work in Progress	Open
	45898658	Site 987	SUI	Site123	ARG	Sea	K+N	Swiss	Va-Q-Tainer XL	Exiliris	CSCSCSCStrt	Complete	(1/1)		All OK	Released
	52498541	Site 987	SUI	Site ABC	GER	Air	K+N	Swiss	Envirotainer RAP	Tropal	456-5541Q1	Incomplete	(0/1)		All OK	Open
	71230001	Site UVW	USA	Site ABC	ARG	Road	Panalpina	<empty></empty>	Insulbox 35	Tropal	B7586	Incomplete	(1/2)		Work in Progress	0.000

liberoMANAGER Process at Destination TEL elpro.com

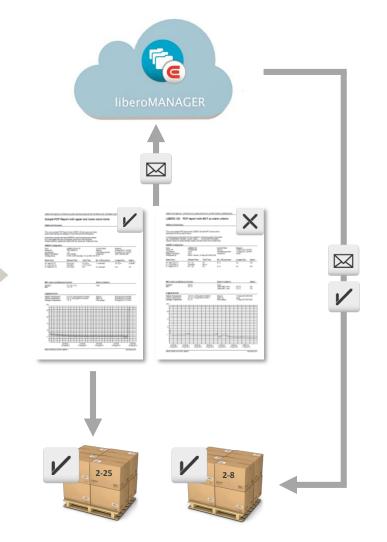


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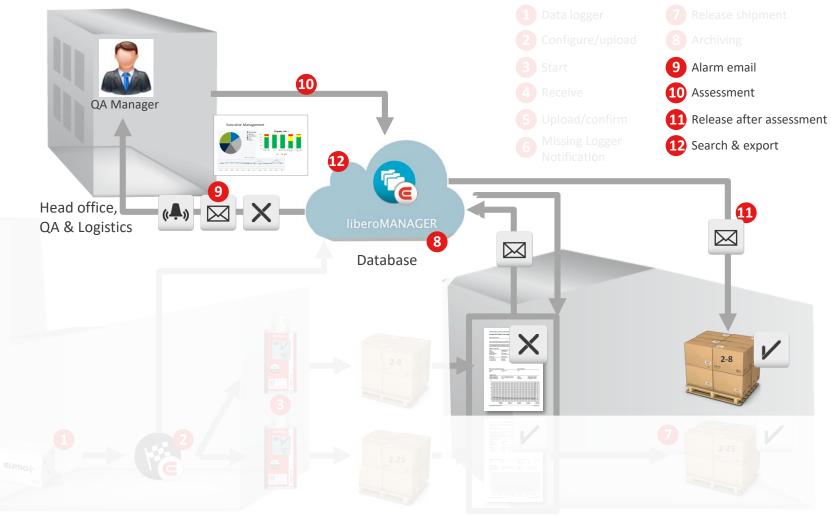




	ISSUES SET	TTINGS										UTC	+ 02:00 Logout (demo/elpro
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liberoMANAGER

Process at Head Office TEL elpro.com





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Asses	sment*					REC	ALCULATE	AVE APPROVE	CANCEL
Shipm	ent Alarm Status								-
Signi	ficance	Shipment De	viation	Amount Relevant L.	. Amount Logg	er OK Shipm	ent Completion	Shipment Comple	eti
Actual	and approved	All OK		0	0/0	0 / 0		Complete	
Recald	ulated w/o appro	All OK		0	0/0	0/0		Complete	
Not re	assessed	All OK		3	3/0	3/3		Complete	
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from	19.Dec.2016 🗮	08:18:42	() to	26.Dec.2016 🗮	02:43:48	SHOW RANG	E SHOW ALL	ALL VALUES	
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- efficient assessment of alarms
- efficient release of products



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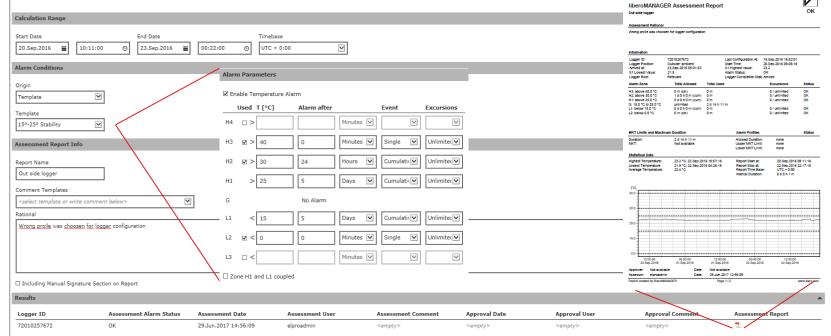
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Shipment Nr.	Shipment Alarm Status					
4589633	Significance	Shipment Deviation Status	Amount Relevant Logger	Amount Logger OK / ALARM	Shipment Completion	Shipment Completion Status
4589633	Actual and approved	All OK	0	0 / 0	0 / 0	Complete
589633	Recalculated w/o approval	Not All OK	1	1/0	1/1	Complete
1589633	Not reassessed	All OK	0	0/0	0 / 0	Complete
45898658						

UTC + 02:00 Logout (demo/elproadmin)

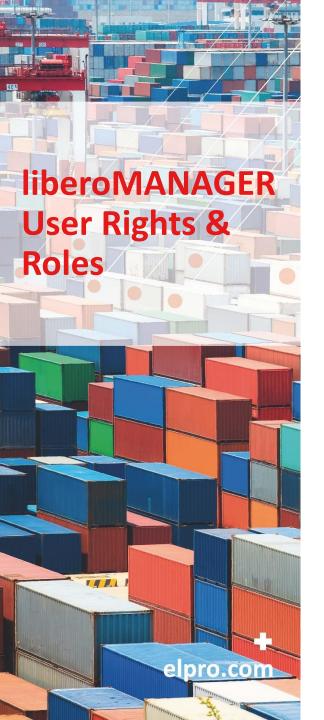








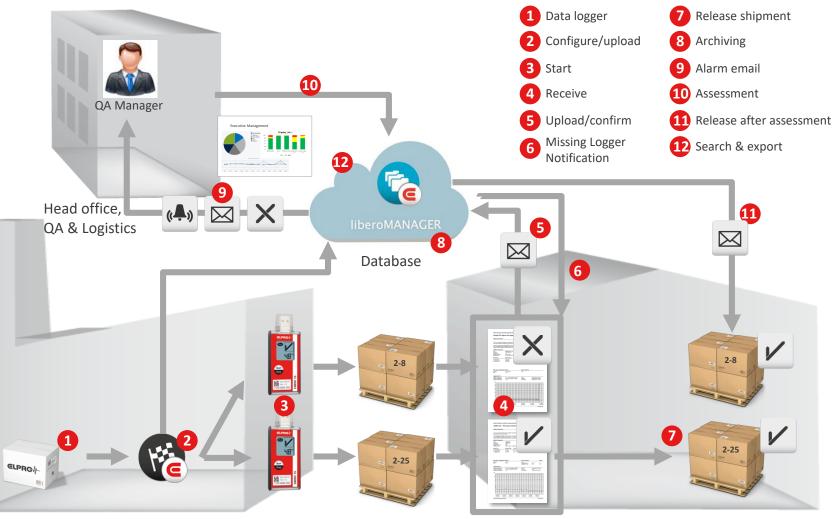




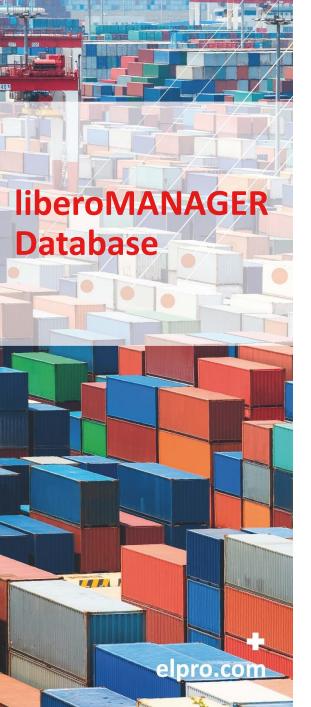
- Rights of a User-Group are administered per Resource (e.g. Destination)
- One User can be in more than one User Groups
- A User Group can have one or several rights (roles) on each Resource
- Combine rights to roles
- Down-/Upload (Sender, Recipient)
- View (Management, Sender, Recipient)
- Edit & Update Status (Operator)
- Assess & Approve (QA)
- Configure-User (System Administrator)

Upload SSCR	Upload PDF						
Upload SSCR	Upload PDF	View					
Upload SSCR	Upload PDF	View	Edit	Update Status			
Upload SSCR	Upload PDF	View	Edit	Update Status	Assess	Approve	
Upload	Upload	View	Edit	Update	Assess	Approve	Configur





Sender



What makes liberoMANAGER unique?

- intuitive software with enhanced visualization
- Shipment logic
- Powerful workflows (collect, assess, release, notify)
- Multi-workflow in one account (e.g. different behaviour / sending site)
- integrated assessment functionality (time span, extended temperature limits, remaining stability budget)
- Flexible export and periodic reporting possibilities (e.g. missing logger notification, weekly export, alarm mail)
- No software to send, no software to receive No DB-user to send, no DB-user to receive
- Advanced User Management (Role- and resource-based)
- Open interfaces (receive & send from/to ERP, IVRS, FW-systems)
- GxP compliance (Audit Trail, Authority checks for sensitive manual tasks)