




FROM STERILE PROCESSING TO A SMART CSSD

DAS Sterilisation Conference Birmingham | 29th April 2026



Brief introduction



Erik Lindner
Nexus - Business Consultant



Marian Schlüter
Enamentis - CEO



Agenda

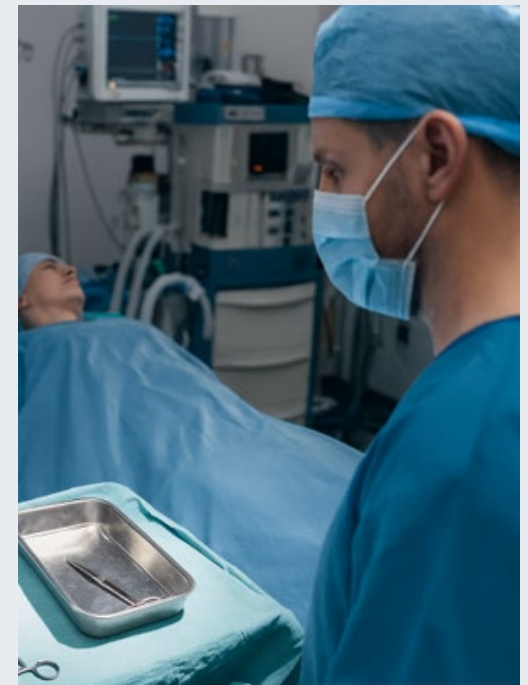
- 1 The Challenge in CSSD Today
- 2 Regulatory Requirements & Expectations
- 3 From Documentation to Reality
- 4 Building a Connected CSSD
- 5 Connecting CSSD and OR Workflows
- 6 From Digital to Intelligent CSSD

1 / From Documentation to Reality

07:12 AM. First surgery of the day.

- + Patient anesthetized.
- + Tray opened.
- + Surgeon asks for an instrument.
- + Silence.
- + It is missing.

- + **Everything was documented.**
- + **Everything was released.**
- + **Still, it failed.**



1 / CSSD – The Heart of Patient Safety

**Critical role
in every
surgery**

**Regulatory
pressure**



**Increasing
complexity**

**Staff
shortages**

2 / Evolution of CSSD in the UK

Towards Smart CSSD

- + Paper-Based Compliance
- + Manual records
- + Limited traceability



1990s

2 / Evolution of CSSD in the UK

Towards Smart CSSD

- + Digital Documentation
- + First systems
- + Device integration
- + HTM standards



2000-2010

2 / Evolution of CSSD in the UK

Towards Smart CSSD

- + System Expansion
- + More data
- + **Lack of end-to-end visibility**



2010-2020

2 / Evolution of CSSD in the UK

Towards Smart CSSD

- + Interoperability
- + Connected systems
- + Operational transparency
- + Process optimization

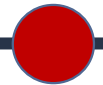


2020-Today

2 / Evolution of CSSD in the UK

Towards Smart CSSD

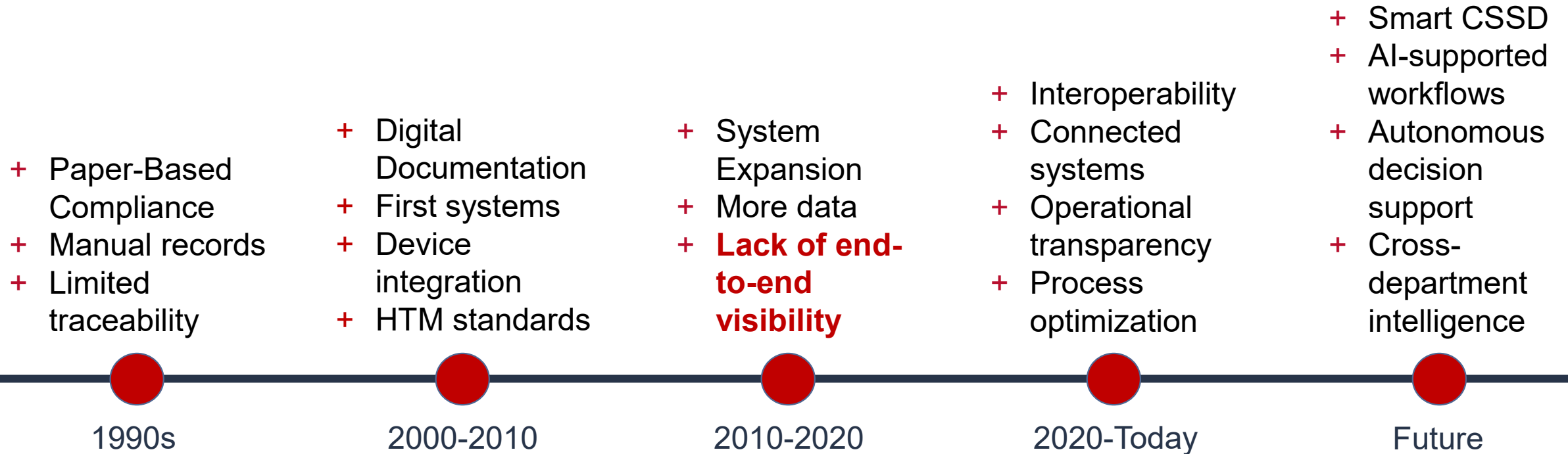
- + Smart CSSD
- + AI-supported workflows
- + Autonomous decision support
- + Cross-department intelligence



Future

2 / Evolution of CSSD in the UK

Towards Smart CSSD



2 / Requirements of the documentation



Health Technical Memorandum 01-01:

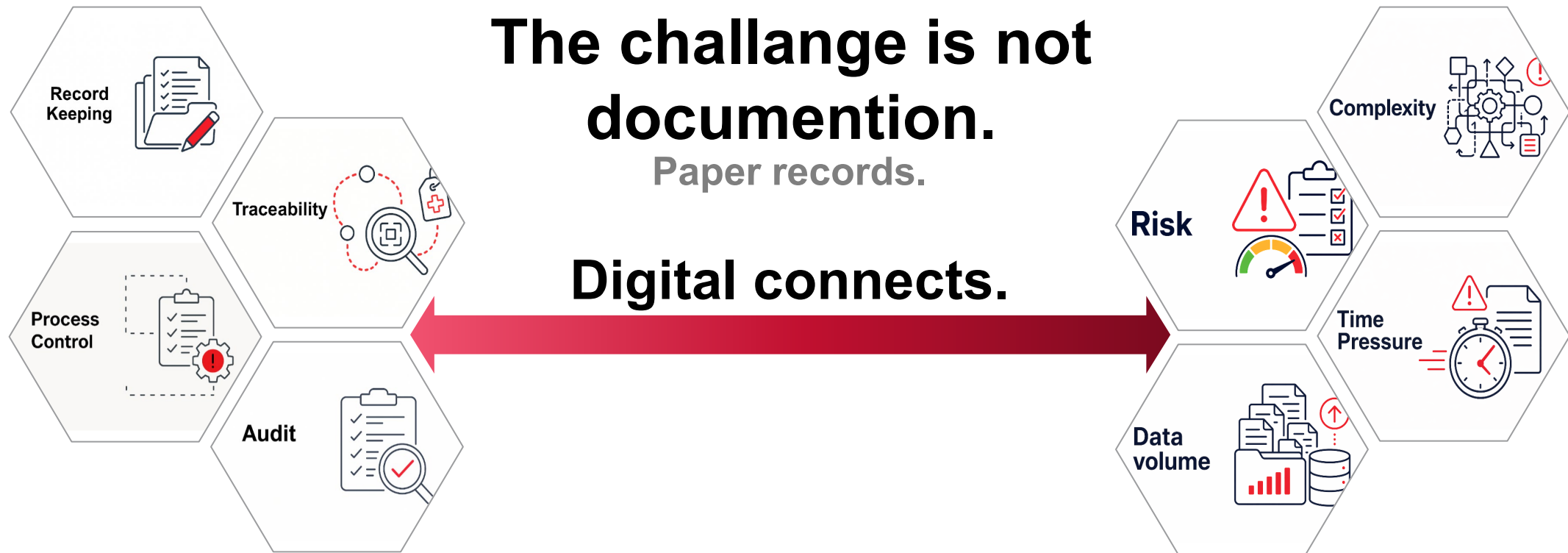
Part A: Management and provision

- + **Essential Quality Requirements** (EQR), for the purposes of this best practice guidance, is a term that encompasses all existing statutory and regulatory requirements.
- + In 01-01 and 01-06 DH will be retaining the Essential Quality Requirements and Best Practice format, this maintains their alignment with HTM 01-05 and the requirement of ‘The Health and Social Care Act 2008: Code of Practice on the prevention and **control** of infections and related guidance’ which requires that “decontamination policy should demonstrate that it complies with guidance establishing essential quality requirements and a plan is in place for progression to best practice”.
- + 6.17 There is a need to **track** and **trace** reusable surgical instruments throughout their use and reprocessing. This is to avoid instrument migration and is an essential requirement of the MDR and the Code of Practice.
- + 6.18 **Records** should be maintained for all the instrument sets (and supplementaries for high risk procedures) identifying:
- + 4.29 ...a **record-keeping regime** is in place to ensure that decontamination processes are fit for purpose and use the required quality systems.

Part B: Common elements

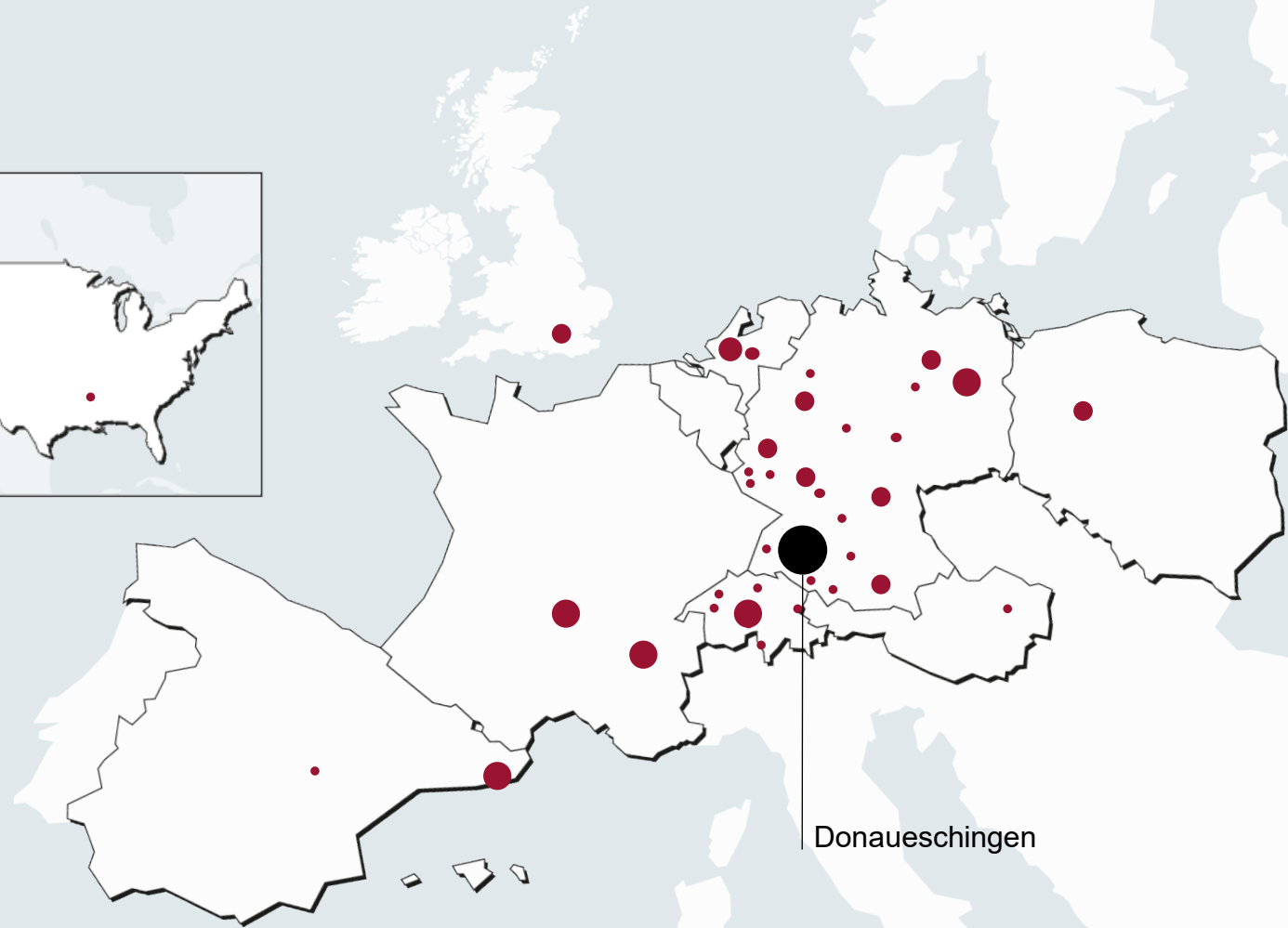
- + 4.109 The User, in consultation with the AE(D), should **establish** and **document procedures** to ensure that loads are not released for use until the User is satisfied that the product has been processed within permitted equipment cycle parameters established during validation/ performance qualification, for each stage of the decontamination process.

3 / From requirements to reality



4 / Office Locations

- 25 employees
- 50 employees
- 100 employees
- 150 employees
- Headquarter



4 / Business overview

Overview



NEXUS develops **e-health solutions** for **national and international** health care providers.



NEXUS offers the most **complete product-suite** of the industry as a **modular system**:

- + Hospital
- + Diagnostic Solutions
- + Communication platform



NEXUS concentrates on the **European market** and sells diagnostic solutions through sales-partners in 42 countries.



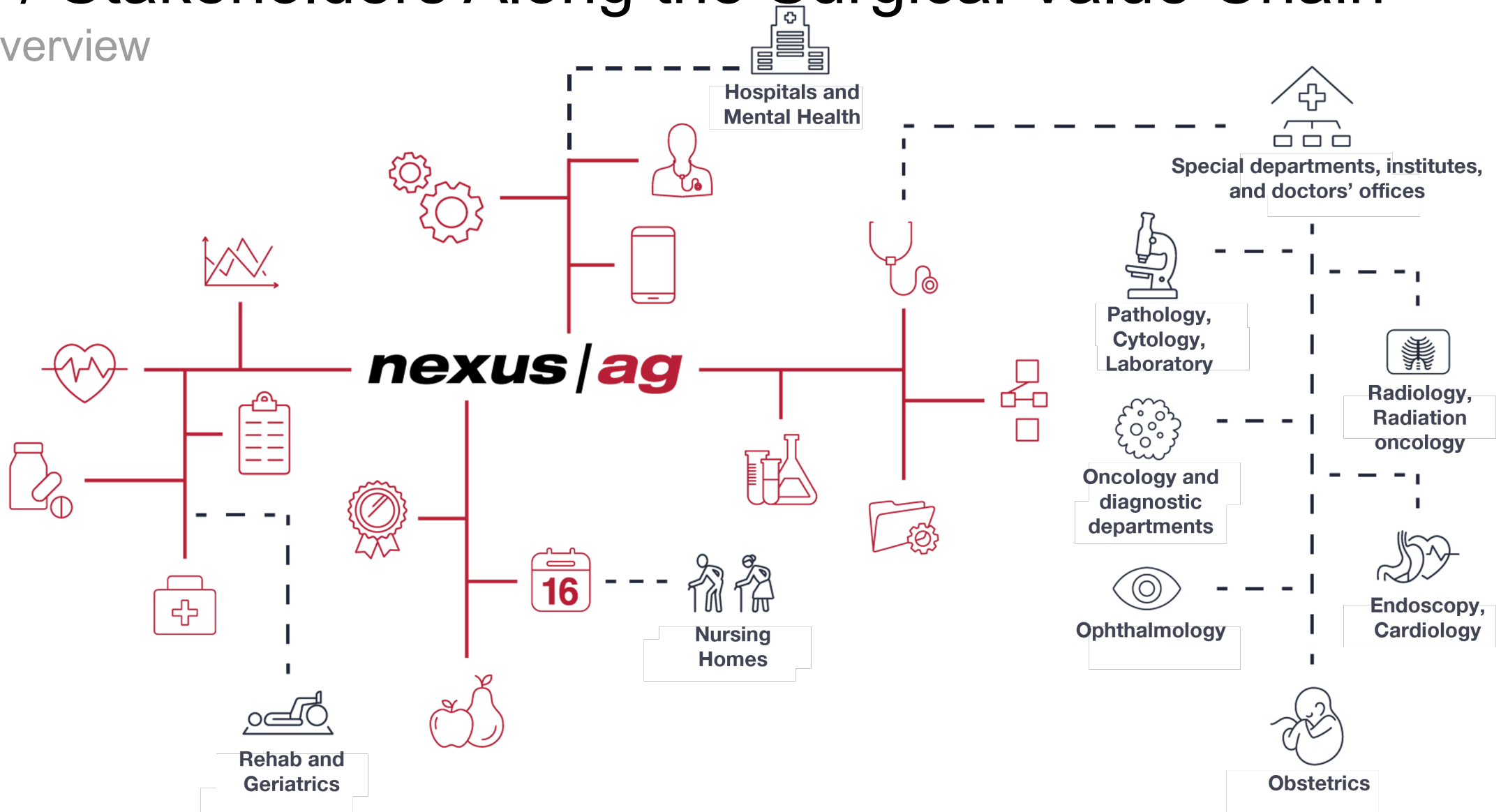
NEXUS **develops** its software solutions mainly **in-house**, using **14 international development centers** to attract personnel and exchange best practice methods.



NEXUS pursues a **buy and build strategy**, integrating new teams and companies regularly.










4 / Stakeholders Along the Surgical Value Chain

Overview

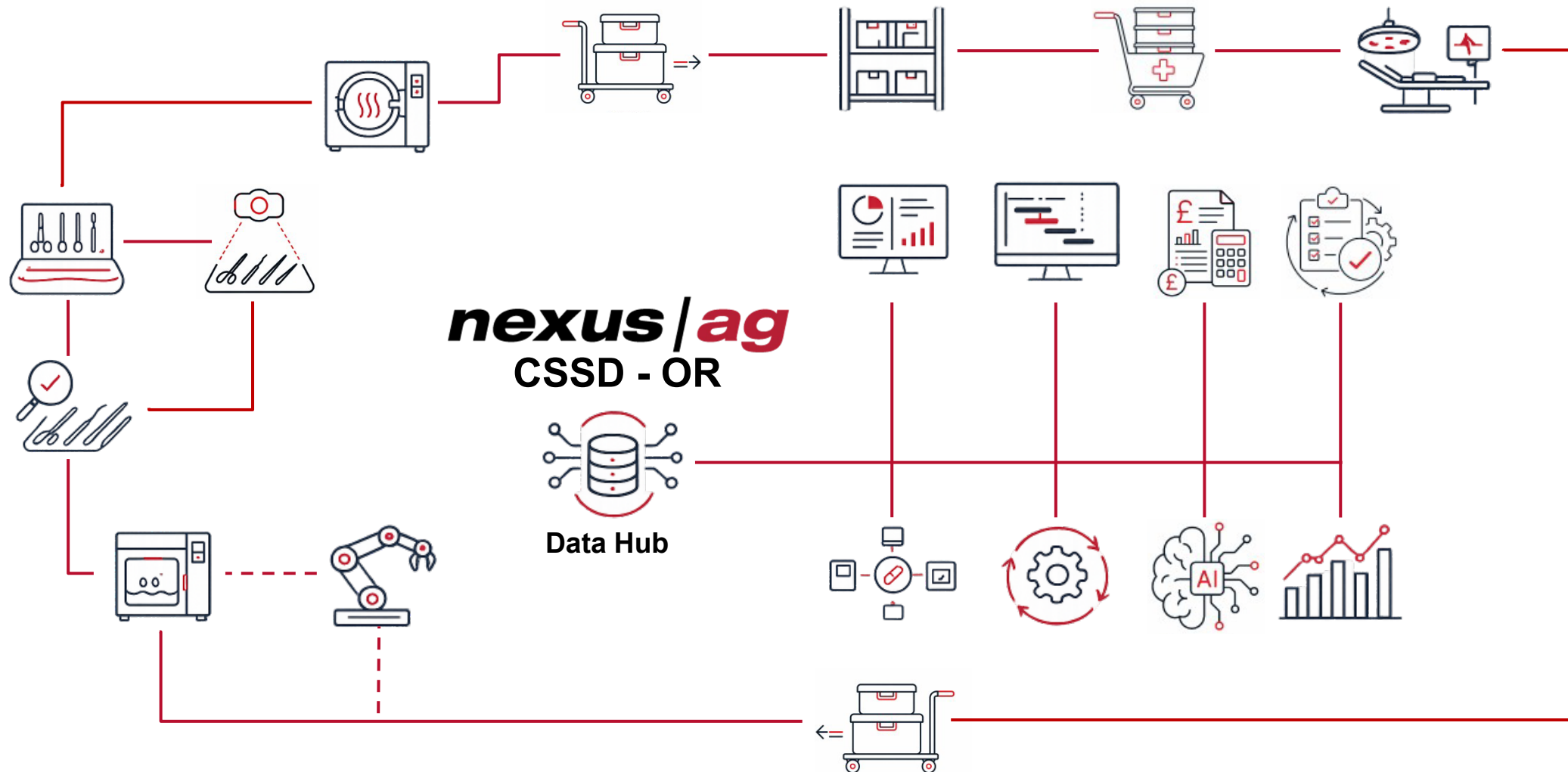


4 / Economy, Purpose, Sustainability

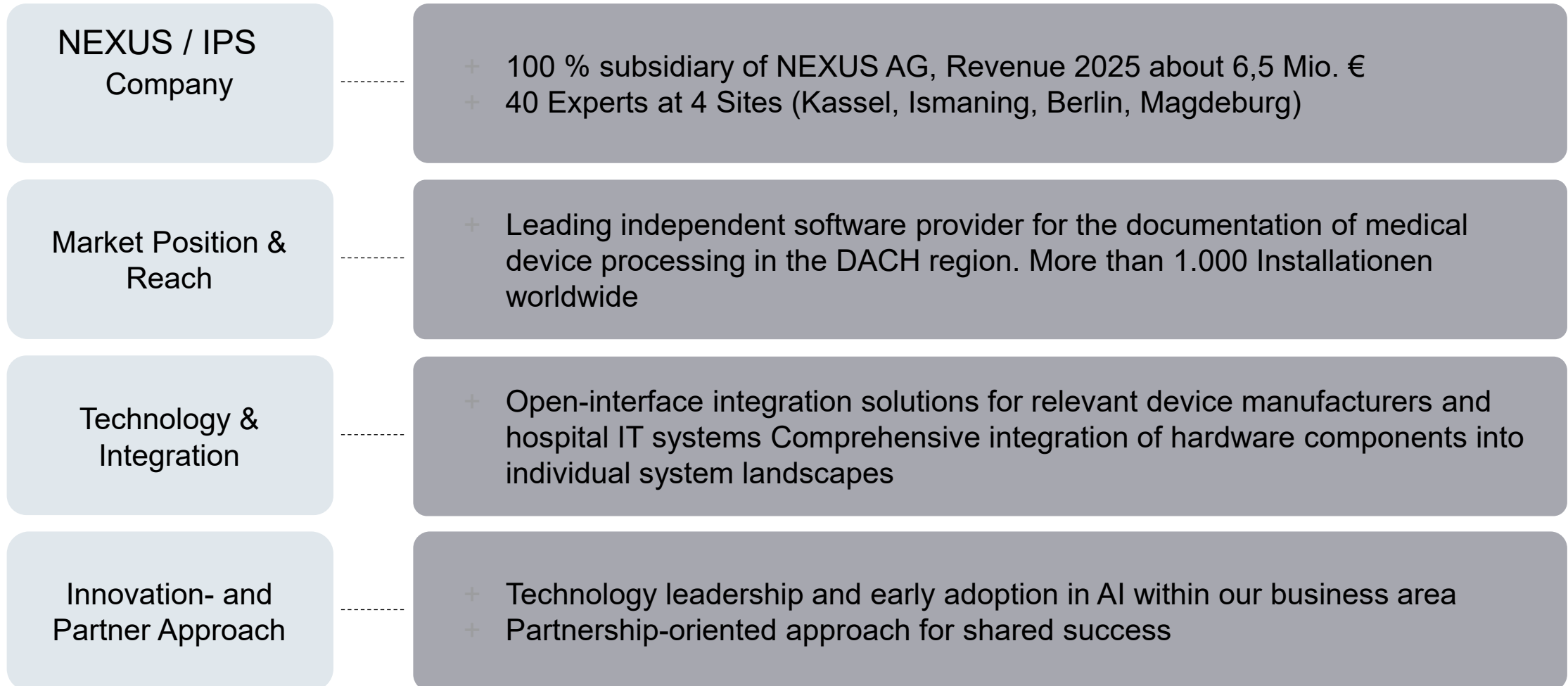
Overview

<p>EUR 261.5 M SALES</p> <p>EUR 57.6 M EBITDA</p> <p>EUR 114 M LIQUID ASSETS</p> 	<p>11,000 CUSTOMERS IN > 42 COUNTRIES USE THE SOLUTIONS OF NEXUS</p>  <p>THEREOF</p> <table border="0"> <tr> <td data-bbox="751 592 1210 678">> 2,500 CUSTOMERS RADIOLOGY</td> <td data-bbox="1235 592 1643 678">> 500 CUSTOMERS PATHOLOGY</td> <td data-bbox="1668 592 2153 678">> 1,800 CUSTOMERS GYNECOLOGY AND OBSTETRICS</td> <td data-bbox="2178 592 2433 706">> 900 RETIREMENT HOMES</td> </tr> <tr> <td data-bbox="751 699 1210 785">> 500 CUSTOMERS ENDOSCOPY</td> <td data-bbox="1235 699 1643 785">> 600 CUSTOMERS OPHTHALMOLOGY</td> <td data-bbox="1668 699 2153 821">> 1000 CUSTOMERS CSSD Central Sterile Supply Department</td> <td data-bbox="2178 699 2433 792">> 300 LABORATORIES</td> </tr> </table>				> 2,500 CUSTOMERS RADIOLOGY	> 500 CUSTOMERS PATHOLOGY	> 1,800 CUSTOMERS GYNECOLOGY AND OBSTETRICS	> 900 RETIREMENT HOMES	> 500 CUSTOMERS ENDOSCOPY	> 600 CUSTOMERS OPHTHALMOLOGY	> 1000 CUSTOMERS CSSD Central Sterile Supply Department	> 300 LABORATORIES
> 2,500 CUSTOMERS RADIOLOGY	> 500 CUSTOMERS PATHOLOGY	> 1,800 CUSTOMERS GYNECOLOGY AND OBSTETRICS	> 900 RETIREMENT HOMES									
> 500 CUSTOMERS ENDOSCOPY	> 600 CUSTOMERS OPHTHALMOLOGY	> 1000 CUSTOMERS CSSD Central Sterile Supply Department	> 300 LABORATORIES									
<p>1,909 EMPLOYEES WORK AT NEXUS AS OF 31.12.24 ON</p> <p>51 SITES</p> <p>646 THEREOF IN DEVELOPMENT</p>  	<p>EUR 50.4 M DEVELOPMENT INVESTMENTS</p> 	<p>-5 % FUEL CONSUMPTION PER M€ IN SALES IN 2023</p> 	<p>TOP 4 IN SUSTAINABILITY ASSESSMENT (GAIA RATING)</p> 									
<p>SHARE PRICE DEVELOPMENT</p> 	<p>-9 % POWER CONSUMPTION PER M€ IN SALES IN 2023</p> 											

4 / The Digital Backbone of Surgical Care

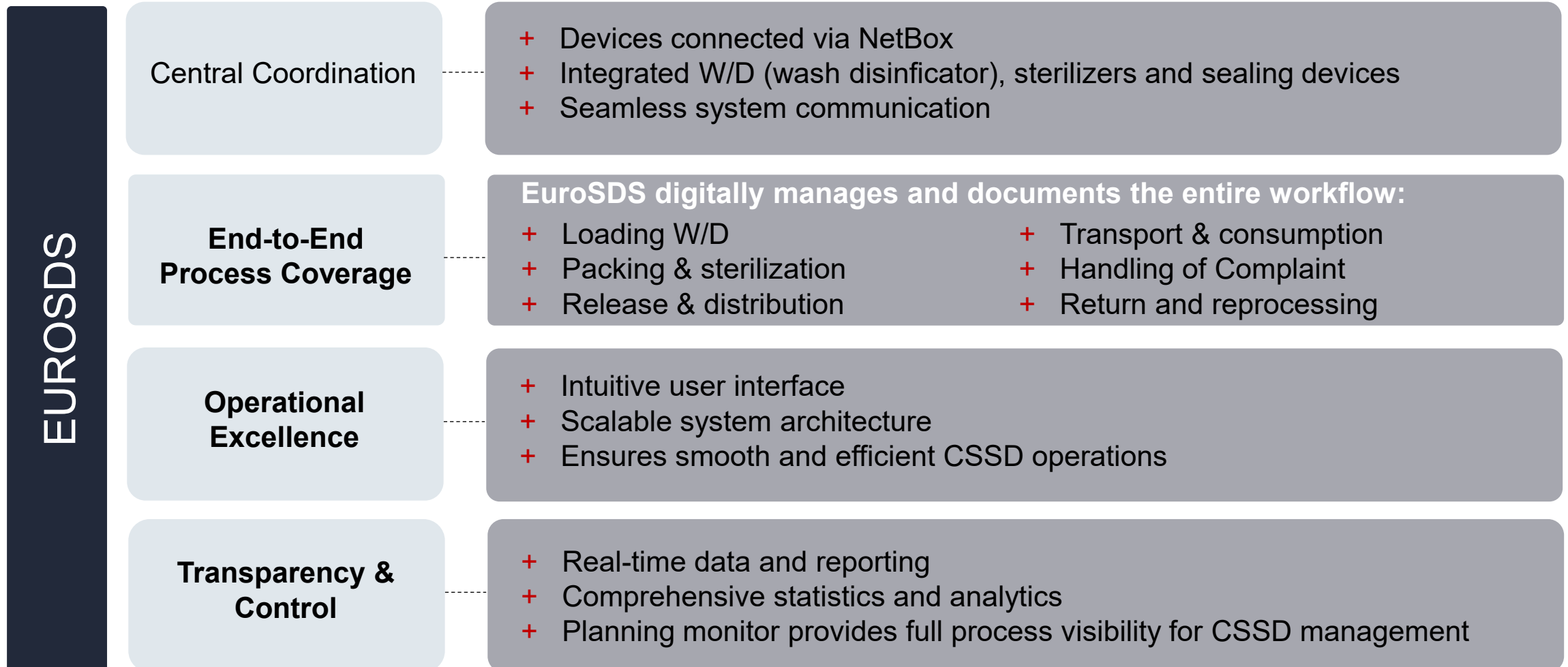


5 / Figures, data, facts NEXUS / IPS



5 / Nexus – Connecting CSSD & OR Workflows

EuroSDS – Enabling Seamless CSSD Operations



EuroSDS Menu - standard



Master Data



Instrument management



QM



Statistics



Planning Monitor



Planning monitor (OR)



OR



Booking Modules



Packing Desk



Case Cart Menu



Document Control

«

»



Machines (ALL)



Machines (W/D)



Machines (W/D-E)



Machines (Steri)



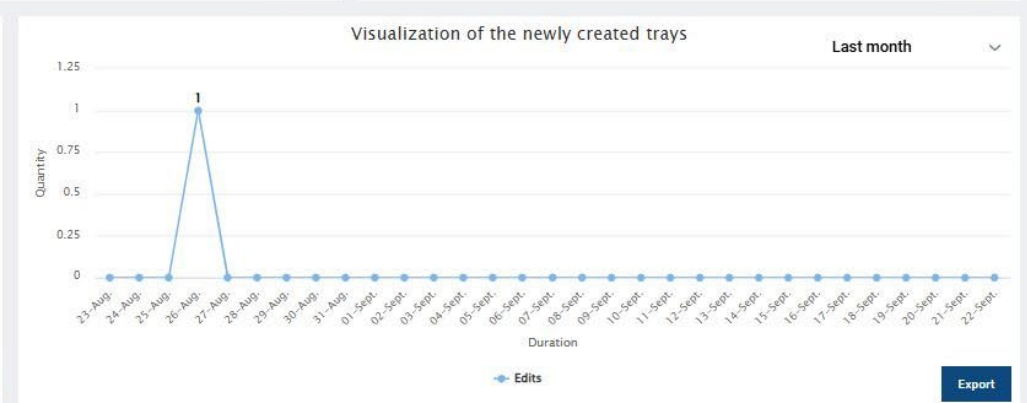
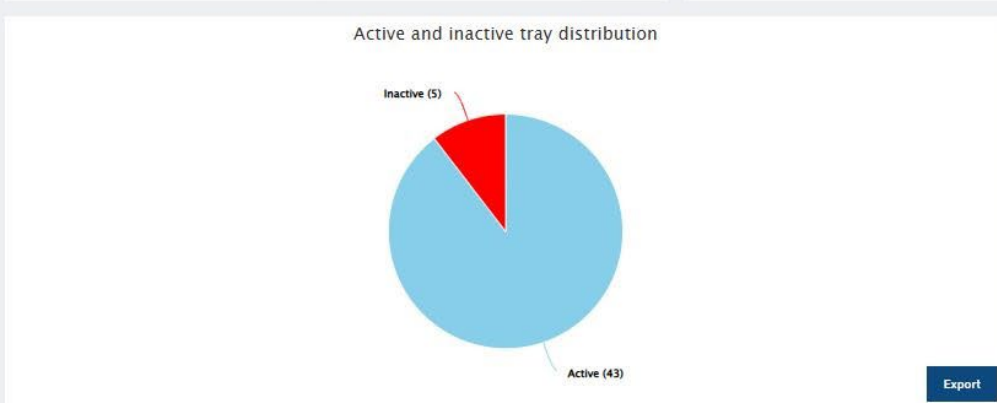
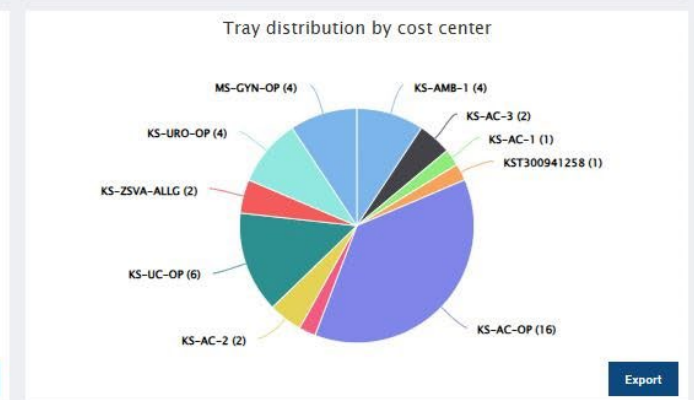
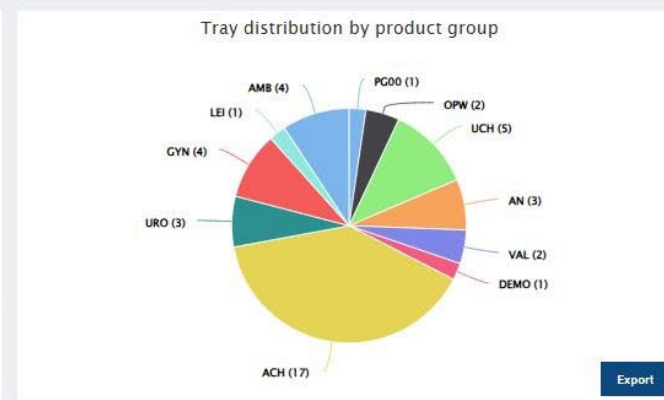
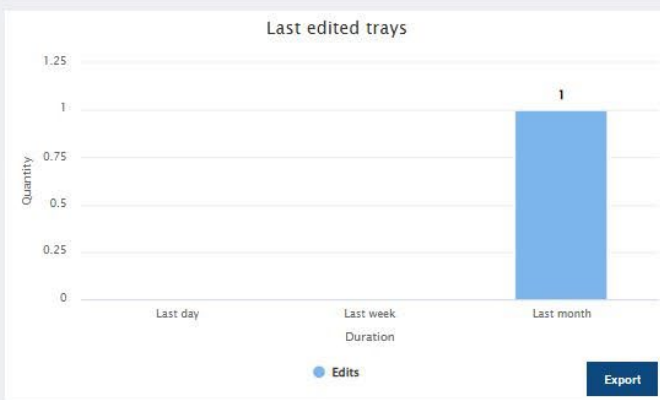
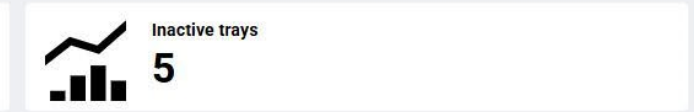
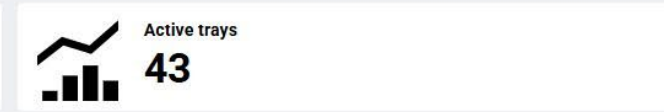
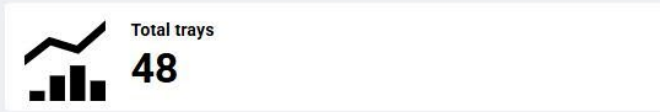
Machines (Dryer)



Machines (sealing devices)



- Master Data**
- Dashboard
- Analysis
- Mandators & Users
- Clinic
- Ward
- Cost centre
- User
- Instruments & Trays
- Instruments
- Trays
- Tray Dashboard
- Control comments
- Packing list comments
- Type of packaging
- Product Groups
- Manufacturer
- Storage Locations
- Repair
- Cause of repair
- Status after repair
- QM
- Complaint reasons
- Immediate measures
- Assignment
- Other
- Cart
- Cancellation reasons
- Program types
- Service level agreements
- Priority
- Comments



Search

Monitor

List View

Process

Unclean

W/D

Clean

Sterilization

Dispatch & Storage

OR/Ward

Other

Tray availability

Transportcart tracking

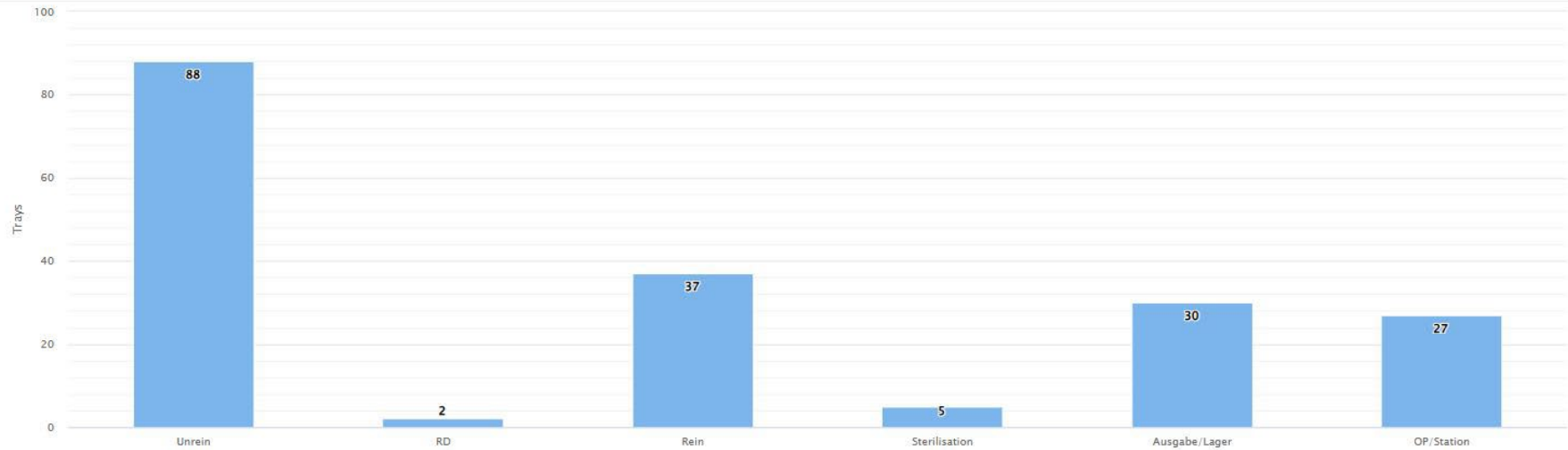
Orders

Filter / Eingabe

No filter added

Help

Navigation icons: menu, search, zoom, settings, user profile (ww)



Name	Unclean	W/D	Clean	Sterilization	Dispatch & Storage	OR/Ward
UCH-010-03		May 20 2025 1:43 PM	Aug 29 2025 12:44 PM	Aug 29 2025 12:48 PM	Aug 29 2025 12:49 PM	
URO-100-02			Aug 29 2025 12:37 PM			
UCH-200-05			Aug 29 2025 12:37 PM			
ACH-200-03			Aug 29 2025 12:37 PM			
UCH-300-01		May 20 2025 1:43 PM	Aug 28 2025 1:28 PM	Aug 28 2025 1:31 PM	Aug 28 2025 1:31 PM	Aug 28 2025 1:34 PM
ACH-012					Jun 17 2025 10:32 AM	Jun 25 2025 9:48 AM
STAT-01-02		May 20 2025 1:43 PM	May 20 2025 3:25 PM	May 20 2025 3:29 PM	Jun 23 2025 11:29 AM	
W-URO-01			May 14 2025 3:13 PM	May 14 2025 3:19 PM	Jun 23 2025 11:29 AM	
AN-002					Jun 23 2025 11:29 AM	
ACH-010-09					Jun 13 2025 10:07 AM	Jun 13 2025 10:07 AM
STAT-04-01			Jun 6 2025 8:12 AM			
IMP-100-01			Jun 6 2025 8:12 AM			

Packing Desk

Navigation icons: search, filter, trash, list, print, zoom, refresh, star, settings, user 'ww', and share.

ID ^	Name ^	Disinfection only ^
ACH-010	Wundversorgung CHIR	Yes
ACH-012	Wundversorgung CHIR	Yes
ACH-013LANGESKUE	Wundversorgung CHIR	Yes
ACH-100	Wundversorgung CHIR (Klein)	No
ACH-200	Grundsieb I	Yes
ACH-300	Grundsieb II	No
ACH-400	Kindersieb AC	No
AMB-010	Wundversorgung klein	No
AMB-011	Wundversorgung klein	No
AMB-200	Wundversorgung groß	No
AMB-301	Fingeramputation	No
AN-001	Schlauch	Yes
AN-002	Stauschlauch	Yes
AN-003	Saugschlauch	Yes
GYN-010	Sectio	No
GYN-200	Nabelvenen Set	No
GYN-300	Epi-Naht	No
GYN-400	Nahtbesteck Portio	No
IMP-100	Implantate UC	No
INS-100	Bleihände	No
INS-200	Laborschale (SERIE)	No
LEI-100	Leihset Bohrer und Säge	No
STAT-01	Stationsset	No
41 Items	41 Items	

ACH-300 Grundsieb II

Version: 1
valid since: 11.01.11

- Tray
- Packing List
- Packing list (PDF)



Tray Group ACH (Allgemein Chirurgie)
Risk Group Critical A
Article No. 4839
W/D Program 15 - DES-VAR-TD - DES-VAR-TD
Steriliser Program 02 - UNI134C - Universalprogramm, 134 °C
Comment
Instruction keine besonderen Hinweise
Packaging CONTAINER - Container mit Filter
Cost Center (Owner) KS-AC-OP (KS AC OP)
Cost Centre (Dispatch to) KS-AC-OP (KS AC OP)
Storage Location ZSVA-L1-R1-A1
Production Quantity 1
Label count 1

WD view Orders disinfection

Barcode Input Info about Grundsieb II Search Packing Report Label History Individual History Packing

I	Pos.	ID	Name	Req.	Actual
✓	14	BM067R	DUROGRIP-NADELHALTER N.HEGAR-MAYO, 205MM	1	1
✓	15	BM065R	DUROGRIP-NADELHALTER N.HEGAR-MAYO, 150MM	1	1
✓	16	BC283R	DUROTIP-PRAEP.SCHERE,LEXER, GEB., 165 MM	1	1
✓	17	BC177R	PRAEP.SCHERE N.JAMESON, GEB.,150 MM	1	1
✓	18	BC259R	DUROTIP-PRAEP.SCHERE,METZENBAUM,GEB,145	1	1
✓	19	BC234R	DUROTIP CHIR.SCHERE, GEB.SP/ST, 145 MM	1	1
✓	20	BC224R	DUROTIP CHIR.SCHERE, GER.SP/ST, 145 MM	1	1
☰			von oben rechts:		
✓	22	BH618R	ARTERIENKLEMME,ROCHESTER-OCHSN.,GER,1X2Z	4	4
✓	23	BH167R	ARTERIENKLEMME N.CRILE, GEB., 160 MM	4	4
✓	24	BH111R	MOSQUITOKLEMME N.HALSTED, GEB., 125 MM	4	4
✗	25	BF466R	TUCHKLEMME CA. 135 MM LANG	4	0

Was complete Stock in trays / packing lists Repair pool Repair pool Missing-parts-pool Missing-parts-pool ✓ + -

Notice:

Characteristics:


✗	26	BF461R	TUCHKLEMME N.LORNA, 95 MM	4	0
✗	27	BB084R	SKALPELLGRIFF NR.4	4	0
✗	28	BN903R	REDONSPIESS,CHAR.10,SCHW.GEB.,MESSERSP.	1	0
✗	29	BN905R	REDONSPIESS,CHAR.14,SCHW.GEB.,MESSERSP.	1	0

ach-300.jpg

29 Items

»

Tray - Media library



Other Files

Tray - Information

Instrument - Information

Alternative Name

Article No.

Productgroup
KLE (Klemmen)

Risk Group
Critical A

Storage Location
ZSVA

Manufacturer

Capture immediate measures



ACH-300

ACH-300-03

Grundsieb II

Version: 1

valid since: 11.01.11

Complaint

Comment / note

Complained articles

BT320R - WUNDHAKEN N.LANGENBECK, 28X10MM, 210MM (1x Instrument defective)
MBBS-01 - MediTAG Entsorgungsmarke (1x Instrument defective)

Packaging

defekt

Delivery

nicht termingerecht

Complained by

WW

Complained on

23.09.2025



Immediate Measure

Comment

Capture immediate measures

BT320R - WUNDHAKEN N.LANGENBECK, 28X10MM, 210MM (1x Return instrument for repair)
MBBS-01 - MediTAG Entsorgungsmarke (1x Return instrument for repair)



Immediate measure completed.



last edited by

last edited at



Cancel

Save

Strg+H
Loaded 11000052

WW


Pos. (4)	Article	ID	Name	Qty (4)	
1	GYN-200-04	GYN-200	Nabelvenen Set	1	🗑
2	ACH-010-06	ACH-010	Wundversorgung CHIR	1	🗑
3	URO-200-03	URO-200	Wundversorgung	1	🗑
4	ACH-300-05	ACH-300	Grundsieb II	1	🗑 <small>Strg+Entf</small>

Productgroup: Allgemein Chirurgie

Risk Group: Critical A ⚠

W/D Program: DES-VAR-TD

Article:



Comment [Strg+C]

Esc
?

Barcode Input

F8



11000052

11 - DES-VAR-TD

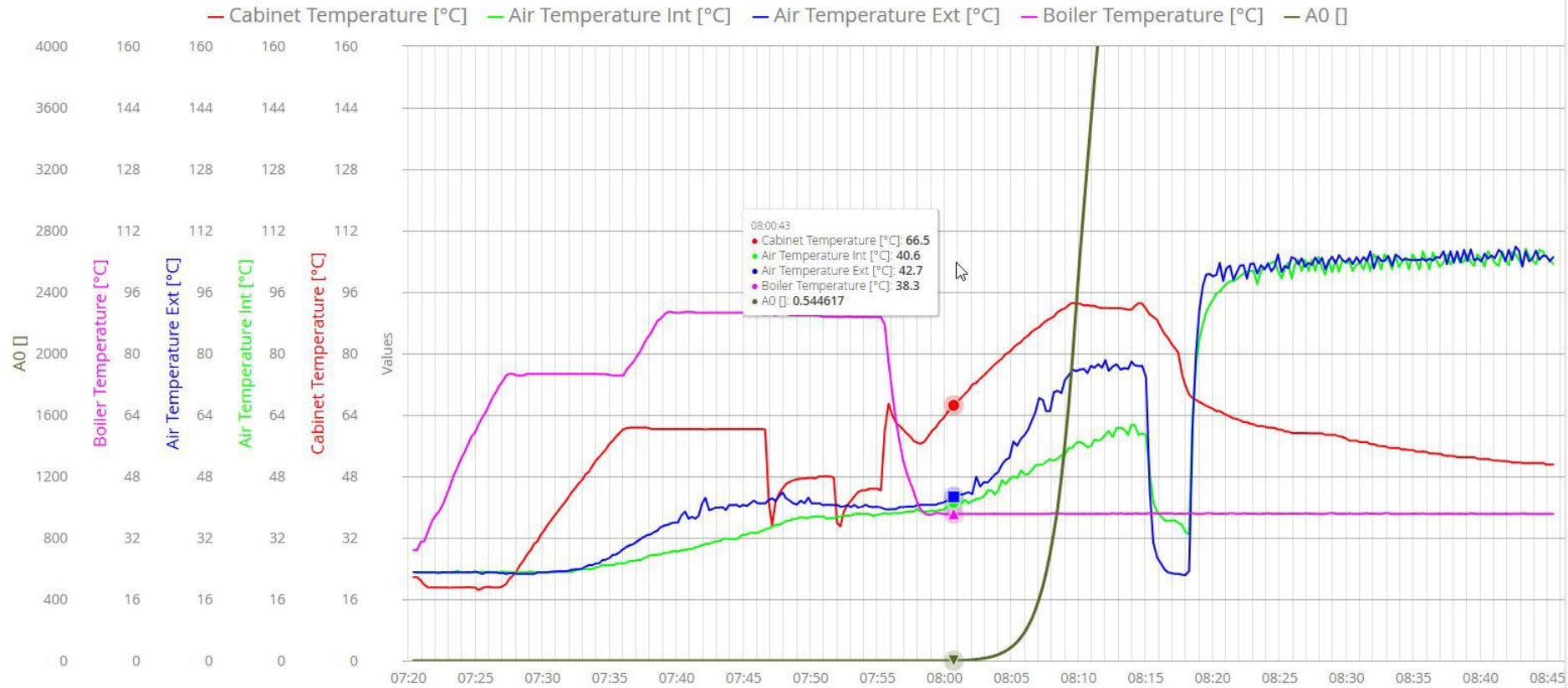
Ok (New)

Print

Strg+J

GRAPHS

Options ▾



Esc



F1

Graphs

Key

Loadup

Comment

Plain Text

Plain Report

Errors

Consumption

Release

Strg+E

Strg+R

Booking Modules

- 🕒 Dashboard
- 📄 Delivery Note
- 🛒 Transportcart tracking
- 📄 Dispatch
- 📄 A1 Standard
- 📄 A2 Cart
- 📄 Transport
- 📄 T1 Standard
- 📄 T2 Cart
- 📄 T3 Cart reception
- 📄 Consumption
- 📄 V1 Standard
- 📄 Return Transport
- 📄 U1 Standard
- 📄 U2 Cart
- 📄 Return
- 📄 R1 Standard
- 📄 R2 Cart

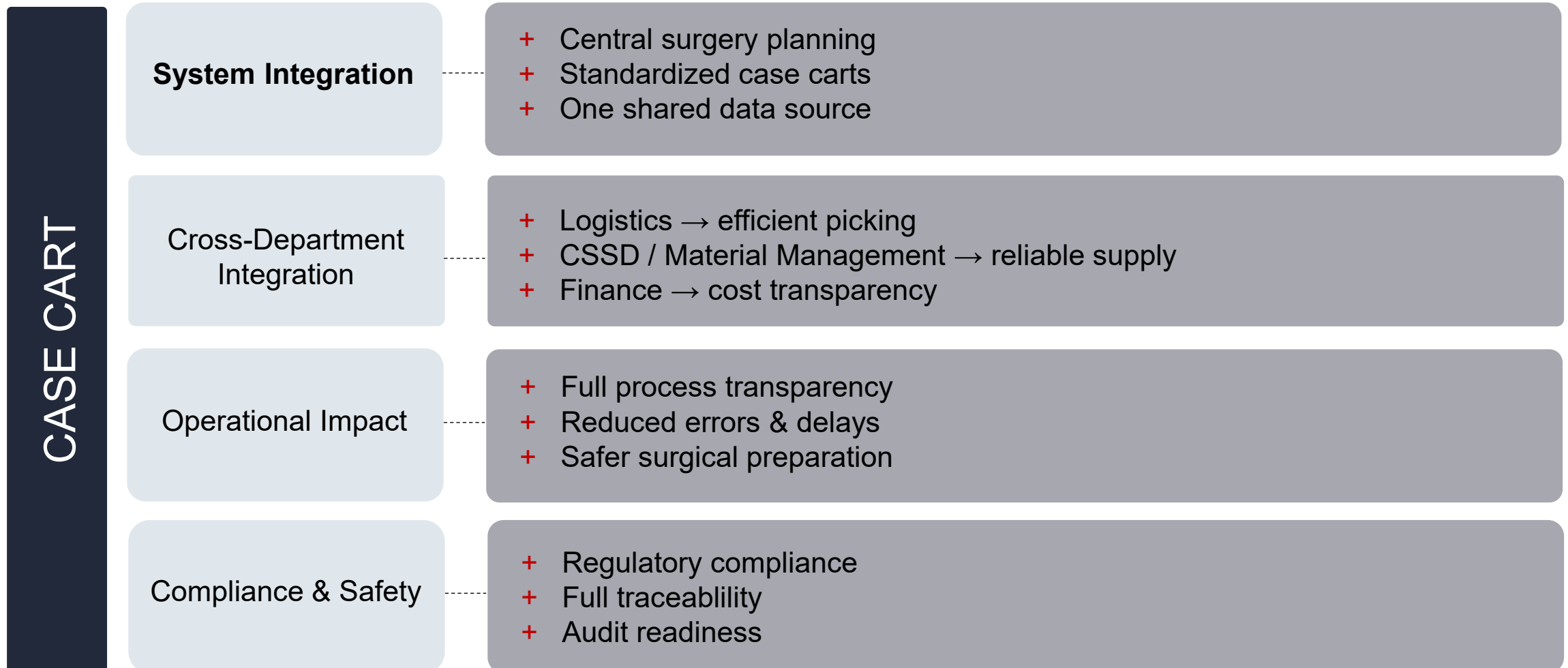
Print delivery note Collection mode

Patient No.: 556 Comment: Please note: AA-5487

Quan...	Article	Individual No.	Name	MP	Options					
				-						
1	00002556	ACH-300-05	Grundsieb II	No				🔒	🔒	
Tray info Packing Report Delete										
1	00002560	URO-100-02	Nierensieb	No				🔒	🔒	
1	00002557	AMB-200-03	Wundversorgung groß	Yes	i			🔒	🔒	

5 / Nexus – Connecting CSSD & OR Workflows

Nexus Case Cart – Enabling Seamless CSSD Operations



Case Request

Case Cart

- [Home](#)
- [Case Request](#)
- [Master Data](#)
- [Booking Modules](#)
 - F1 Picking
 - F2 Release
 - F3 Transport
 - F4 Acceptance
 - S2 Restocking
 - S3 Cart restorage
- [Monitors](#)
- [Statistics](#)

	🔒	Arrival til ^	OP ID ↕	OP-Case ↕	Item count ↕	Status ↕	Time of order ↕	Created by ↕	Comment ↕
<input type="checkbox"/>	📅					▼	📅		
<input type="checkbox"/>		Nov 13 2025 6:28 PM 🚚		Polytrauma	13	Order planned		ELI - Erik Lindner	
<input type="checkbox"/>		Nov 13 2025 6:28 PM 🚚	34626	Knee-Tep	14	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 5 2025 10:45 AM	34786	Arthoskopie	10	Order released	Nov 13 2025 6:23 PM	WW - W. Weber	
<input type="checkbox"/>		Dec 8 2025 1:30 PM	48362	Knee-Tep	14	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 9 2025 1:45 PM	47356	Whipple	14	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 10 2025 12:45 PM	48351	Polytrauma	13	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 10 2025 1:37 PM	4711	Emergenza CC	7	Order planned		ELI - Erik Lindner	
<input type="checkbox"/>		Dec 11 2025 8:00 AM	47594	Arthoskopie	13	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 11 2025 5:00 PM	45896	Arthoskopie	12	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 15 2025 1:37 PM		Emergenza CC	7	Order planned		ELI - Erik Lindner	
<input type="checkbox"/>		Dec 16 2025 8:00 AM	46152	Polytrauma	13	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 16 2025 10:00 AM	47856	Arthoskopie	13	Order planned	Jun 21 2025 6:07 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 23 2025 1:30 PM	46048	Knee-Tep	14	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Dec 23 2025 4:27 PM	46025	Laparoskopie	12	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Jan 6 2026 4:29 PM	46059	Laparoskopie	12	Order planned	Jul 23 2025 1:41 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Jan 7 2026 2:00 PM	47587	Arthoskopie	10	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Jan 8 2026 9:45 AM	47481	Arthoskopie	10	Order released	Nov 13 2025 6:31 PM	ELI - Erik Lindner	
<input type="checkbox"/>		Jan 22 2026 11:30 AM	46134	Laparoskopie	12	Order planned	Jun 21 2025 4:48 PM	ELI - Erik Lindner	
18 Items									

Help

+ New
Duplicate
Edit
Delete
Info
Print Delivery Note
Request ready
Export

✕

Create new - Case Request

Emergency

Case Cart Standards
Trays
Consumables

Arrival til •

05.12.2025

📅

10:45 AM

🕒

🔍

OP ID

34786

Code

56824

OP-Case

Arthroskopie

Surgeon

Dr. Fleming
✕ ▾

Operating Theatre

ORT OP 1
✕ ▾

Created by

WW - W. Weber
▾

Setup Zone •

RUEST1 - Rüstzone 1
▾

OP cost centre •

KS-AC-OP - KS AC OP
▾

i	APPEN - Appendektomie
i	ARTHRO - Arthroskopie
i	BYPA - Bypass
i	EMERGENCACASECART - Emergenca CC
i	HANDSURGERY - Hand Surgery
i	KNEET - Knee-Tep
i	LAP - Laparoskopie
i	POLYT - Polytrauma
i	WHIPPLE - Whipple

⬆
⬇
⬅
⬇

1x ACH-300 - Grundsieb II

1x ACH-100 - Wundversorgung CHIR (Klein)

1x BETA - Betaisodona 50ml

1x TABLECOVER - Table cover

2x ORMASK-FFP2 - OR Mask FFP 2

4x GAUZEP - Gauze pads 15x15

✕ Cancel

✔ Save
✔ Save & Continue

Case Cart

- Home
- Case Request
- Master Data >
- Booking Modules >
 - F1 Picking
 - F2 Release
 - F3 Transport
 - F4 Acceptance
 - S2 Restocking
 - S3 Cart restorage
- Monitors >
- Statistics >

Select case request.

<p> 0/14</p> <p>Arrival til 18:28</p> <p>OP-Case Knee-Tep</p> <p>Operating Theatre ACH OP 2</p> <p>OP cost centre KS-AC-OP - KS AC OP</p> <p>Surgeon Dr. Johanson</p>	<p> 0/14</p> <p>Arrival til 09.12.25, 13:45</p> <p>To be completed til 09.12.25, 13:45</p> <p>OP-Case Whipple</p> <p>Operating Theatre ACH OP 2</p> <p>OP cost centre KS-AC-OP - KS AC OP</p> <p>Surgeon Dr. Potter</p>
<p> 0/13</p> <p>Arrival til 10.12.25, 12:45</p> <p>To be completed til 10.12.25, 12:45</p> <p>OP-Case Polytrauma</p> <p>Operating Theatre ACH OP 2</p> <p>OP cost centre KS-AC-OP - KS AC OP</p> <p>Surgeon Dr. Fleming</p>	<p> 0/12</p> <p>Arrival til 11.12.25, 17:00</p> <p>To be completed til 11.12.25, 17:00</p> <p>OP-Case Arthoskopie</p> <p>Operating Theatre ACH OP 1</p> <p>OP cost centre KS-AC-OP - KS AC OP</p> <p>Surgeon Dr. Fleming</p>

Scan barcode

Booking Modules

WW

Case request

F1 Picking

F2 Release

F3 Transport

F4 Acceptance

Storage

S2 Restocking

S3 Cart restorage

Scan barcode

Picking

WW

Select case order:



Arrival til

18:28

OP-Case

Knee-Tep

OP cost centre

KS-AC-OP



Arrival til

05.12.25, 10:45

To be completed til

05.12.25, 10:45

OP-Case

Arthoskopie

OP cost centre

KS-AC-OP



Arrival til

08.12.25, 13:30



Scan barcode



Picking

WW

ACH-200 - Grundsieb I
-> 00002535
ACH-200-15
AEMP Kassel

ACH-300 - Grundsieb II
-> 00002536

ACH-010 - Wundversorgung CHIR
-> 00002537

BETA - Betaisodona 50ml

ORMASK-FFP2 - OR Mask FFP 2

ORMASK-FFP2 - OR Mask FFP 2

ORMASK-FFP2 - OR Mask FFP 2

GLXL - Gloves Size XL

GLXL - Gloves Size XL

GLM - Gloves Size M



Scan item



Case Cart

- 🏠 Home
- 🕒 Case Request
- 📄 Master Data >
- 📅 Booking Modules >
 - F1 Picking
 - F2 Release
 - F3 Transport
 - F4 Acceptance
 - S2 Restocking
 - S3 Cart restorage
- 🖥 Monitors >
- 📊 Statistics >

Status	Arrival til ^	Tray available ▾	Process ▾	OP ID ▾	Case Cart ▾	OP-Case ▾	Operating Theatre ▾	Surgeon ▾	Item count ▾	Time of order ▾	Comment ▾
●	Nov 13 2025 6:28 PM 🚚	Nov 13 2025 6:54 PM	Order released	34626		Knee-Tep	ACH OP 2	Dr. Johanson	0/14	Nov 13 2025 6:31 PM	
●	Dec 5 2025 10:45 AM	Nov 13 2025 6:54 PM	Picked	34786	FALL-01 - Fall-Transportwagen 01	Arthoskopie	ORT OP 1	Dr. Fleming	10/10	Nov 13 2025 6:23 PM	
●	Dec 8 2025 1:30 PM	Nov 13 2025 6:54 PM	Picked	48362	FALL-03 - Fall-Transportwagen 03	Knee-Tep	ACH OP 2	Dr. Johanson	11/14	Nov 13 2025 6:31 PM	
●	Dec 9 2025 1:45 PM		Order released	47356		Whipple	ACH OP 2	Dr. Potter	0/14	Nov 13 2025 6:31 PM	
●	Dec 10 2025 12:45 PM		Order released	48351		Polytrauma	ACH OP 2	Dr. Fleming	0/13	Nov 13 2025 6:31 PM	
●	Dec 11 2025 8:00 AM	Nov 13 2025 6:54 PM	Picked	47594	FALL-02 - Fall-Transportwagen 02	Arthoskopie	ACH OP 1	Dr. Fleming	13/13	Nov 13 2025 6:31 PM	
●	Dec 11 2025 5:00 PM		Order released	45896		Arthoskopie	ACH OP 1	Dr. Fleming	0/12	Nov 13 2025 6:31 PM	
●	Dec 16 2025 8:00 AM		Order released	46152	FALL-01 - Fall-Transportwagen 01	Polytrauma	ACH OP 2	Dr. Murray	13/13	Nov 13 2025 6:31 PM	
●	Dec 23 2025 1:30 PM		Order released	46048	FALL-02 - Fall-Transportwagen 02	Knee-Tep	ACH OP 2	Dr. Gibson	13/14	Nov 13 2025 6:31 PM	
●	Dec 23 2025 4:27 PM		Order released	46025		Laparoskopie	ZOP OP 1	Dr. Charot	0/12	Nov 13 2025 6:31 PM	
●	Jan 7 2026 2:00 PM		Order released	47587		Arthoskopie	ACH OP 1	Dr. Fleming	0/10	Nov 13 2025 6:31 PM	
●	Jan 8 2026 9:45 AM		Order released	47481		Arthoskopie	ACH OP 1	Dr. Kahn	0/10	Nov 13 2025 6:31 PM	

Help

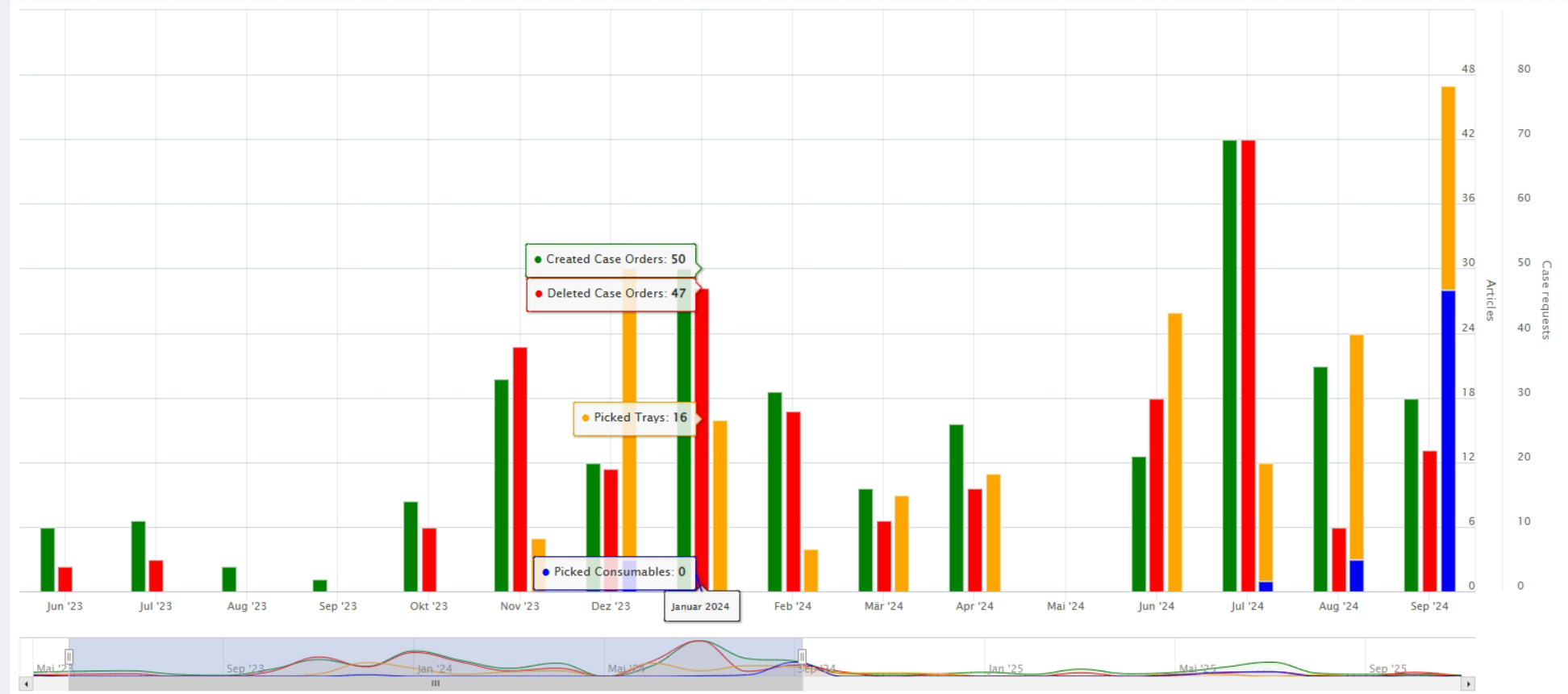
- 📘 Info
- 🔪 Prepared
- ➡ In Theatre

Case Cart

- Home
- Case Request
- Master Data
- Booking Modules
- Monitors
- Statistics
- Production Data
- Case Order History
- Restorage History

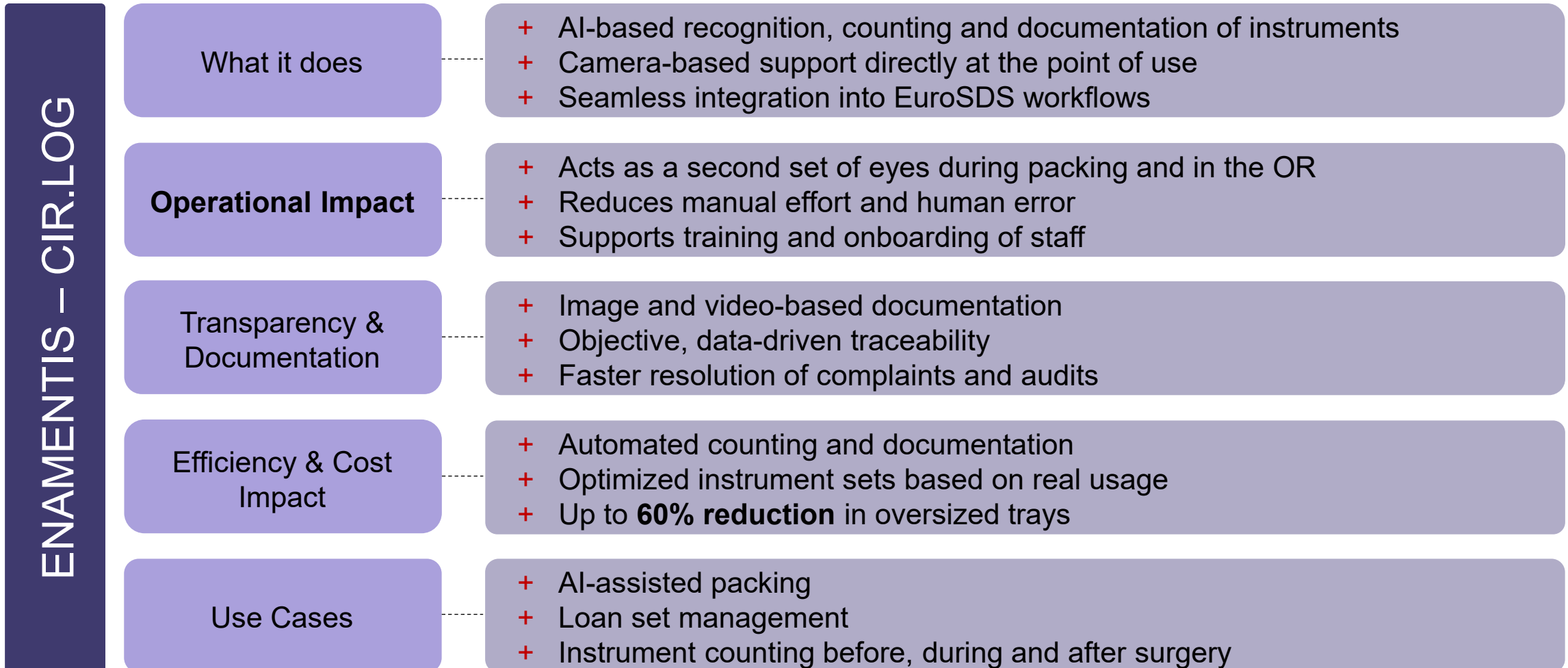
Production Data

Period: Month x v Display: Combined x v



6 / Nexus – Connecting CSSD & OR Workflows

Cir.Log brings Artificial Intelligence directly into CSSD and OR processes.



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Cir.Log brings Artificial Intelligence directly into CSSD and OR processes.

Cir.Log – Every Instrument Counts



Cir.Log® is an AI-powered camera solution for seamless instrument recognition and documentation in sterile supply workflows.

Easily retrofit a camera at the packing station and connect it to existing CSSD software.

100% Complete Sets



Markerless AI automatically detects and documents every instrument in real time – eliminating missing items and mix-ups.

90% Less Manual Booking



Delivery notes for loan and repair instruments are captured in seconds via scan function. Data Matrix codes and labels are automatically read for clear identification and tracking.



6 / Nexus – Connecting CSSD & OR Workflows

Cir.Log brings Artificial Intelligence directly into CSSD and OR processes.



80% Faster Integration

Master data generation via delivery note scanning and transfer to EuroSDS



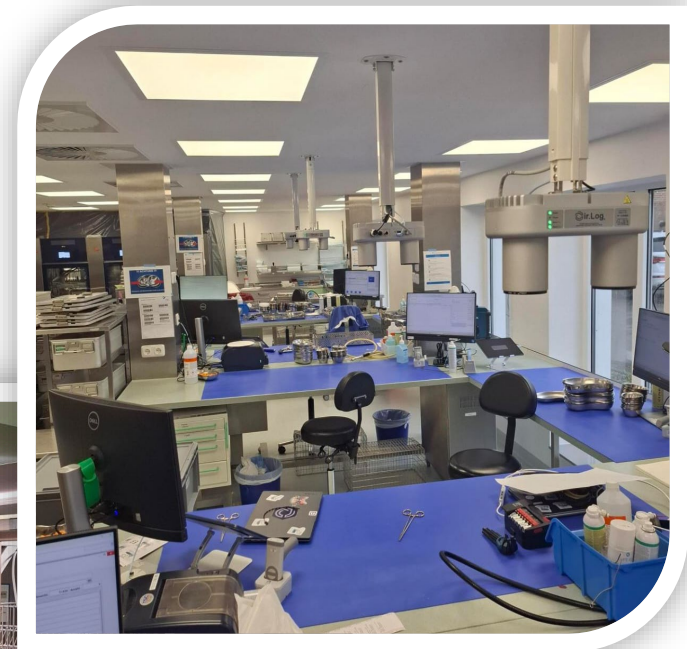
50% Faster Onboarding

Step-by-step guidance, video tutorials, and learning features reduce training time and enable process reliability from day one.



40% Fewer Instruments per Set

Transparent usage and reprocessing data reveal overstocked trays and enable lean, data-driven optimization.



6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log

IPS < EuroSDS-Menü - Packplatz

Packplatz

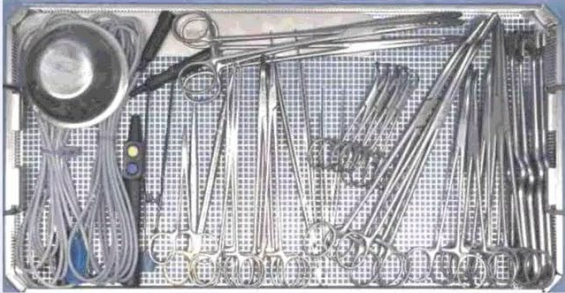
Version: 2
gültig seit: 24.09.25

Kürzel ^	Vorgang ^		
PRA-500-001	Gepackt		
PRA-500-002	Etikett storniert		
PRA-500-003	Etikett storniert		
PRA-500-004	Etikett storniert		
PRA-500-005	Etikett storniert		
PRA-500-006			

6 Einträge

RD-Ansicht Anforderungen Nur Desinfektion Set-Ansicht

Set Packliste Packliste (PDF)

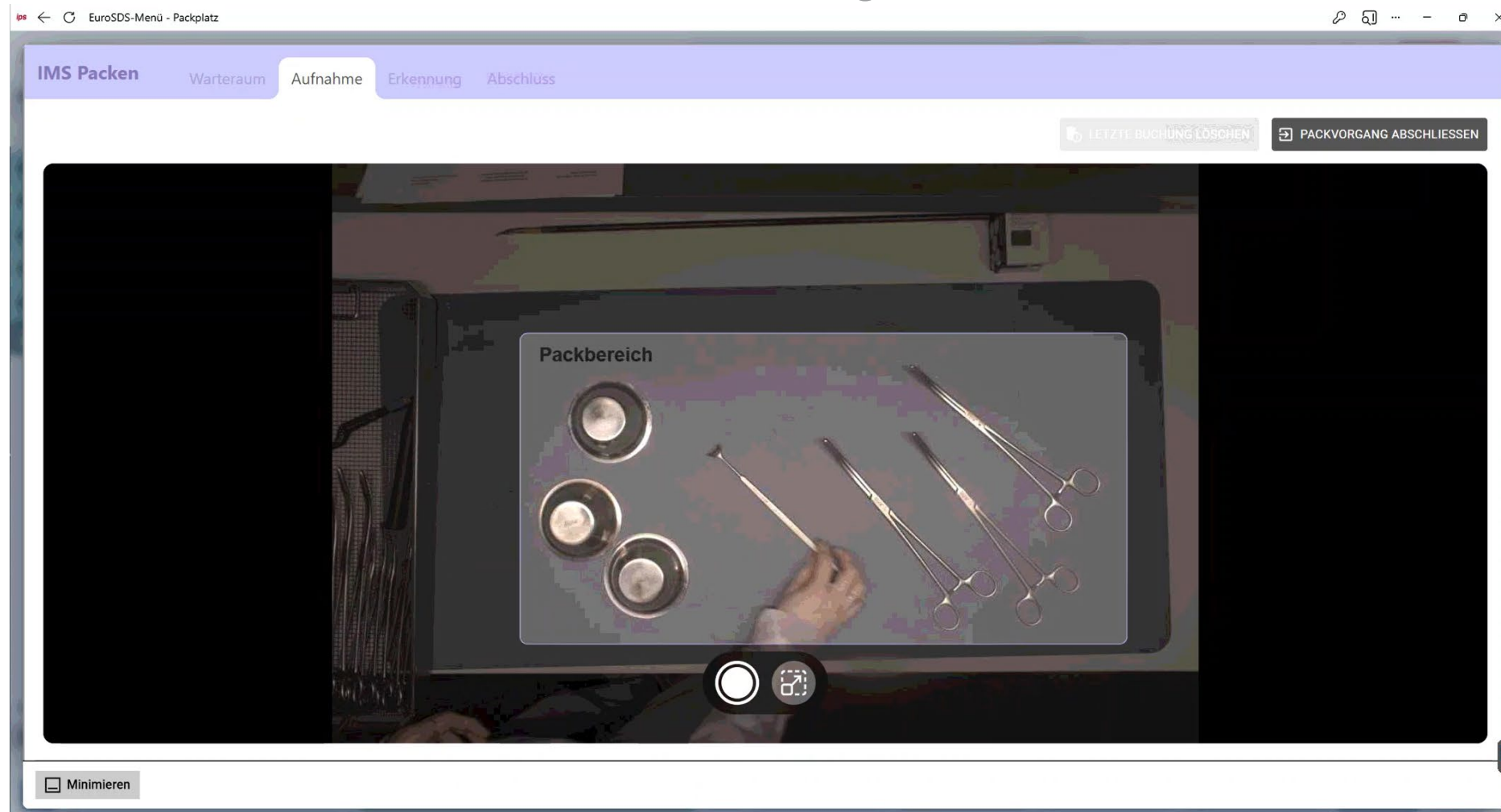


Produktgruppe PRA (Präsentation)
 Risiko-Gruppe **Kritisch A**
 Artikel-Nr.
 RDG-Programm 11 - THERMDES - Therm. Desinfektion
 Sterilisatorprogramm 02 - UNI134C - Universalprogramm, 134 °C
 Kommentar
 Arbeitsanweisung
 Verpackungsart
 Kostenstelle (Eigentümer) KS-AC-OP (KS AC OP)
 Kostenstelle (Ausgabe an) KS-AC-OP (KS AC OP)
 Lagerort AEMP
 Zykluszähler - (bis Service) / - (bis Aussonderung)

? Barcodeeingabe Individualnummer auswählen! Q Dokumentenlenkung Pack-Protokoll Etiketten-Historie Individual-Historie Packen CirLog

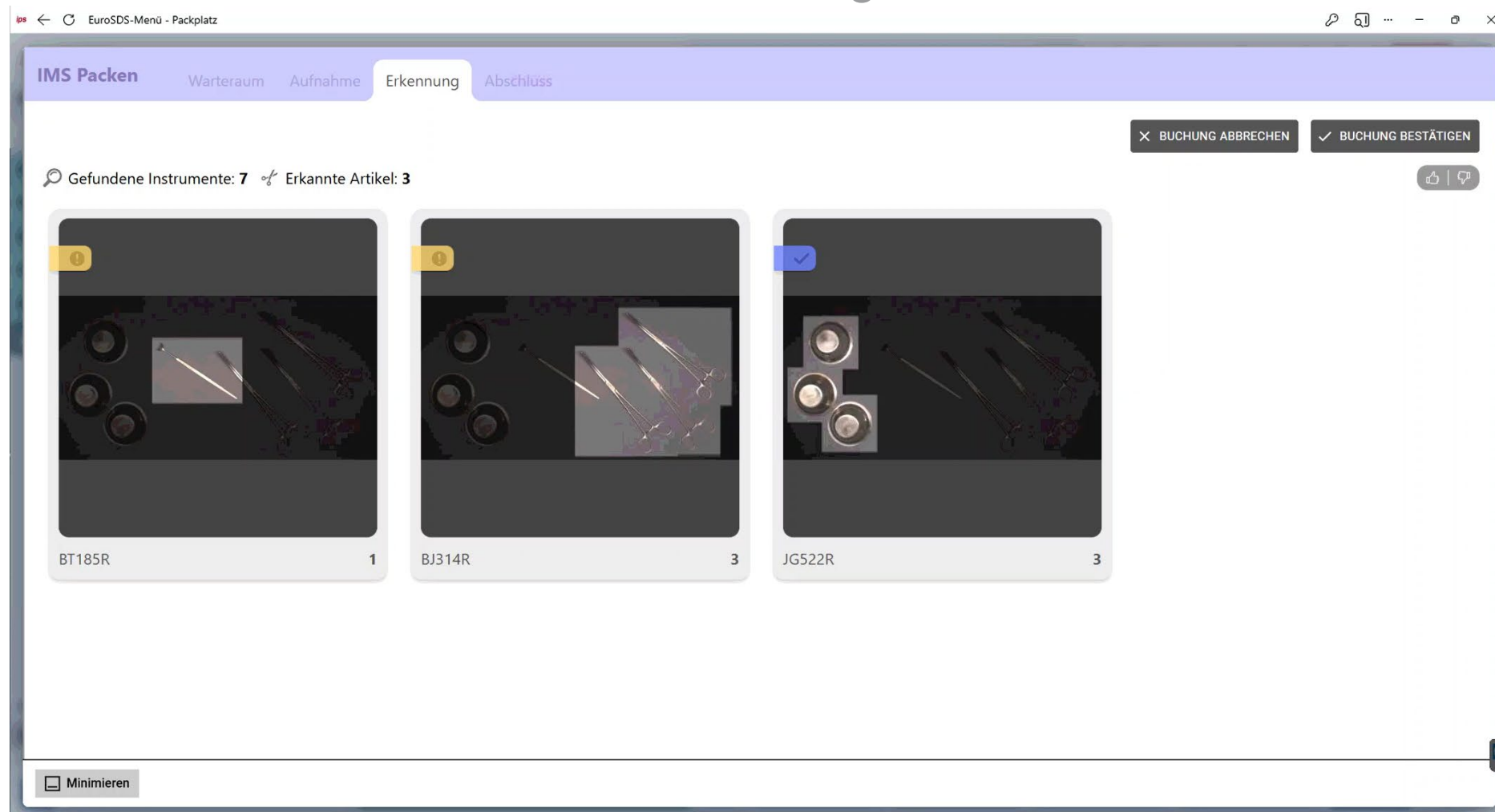
6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log



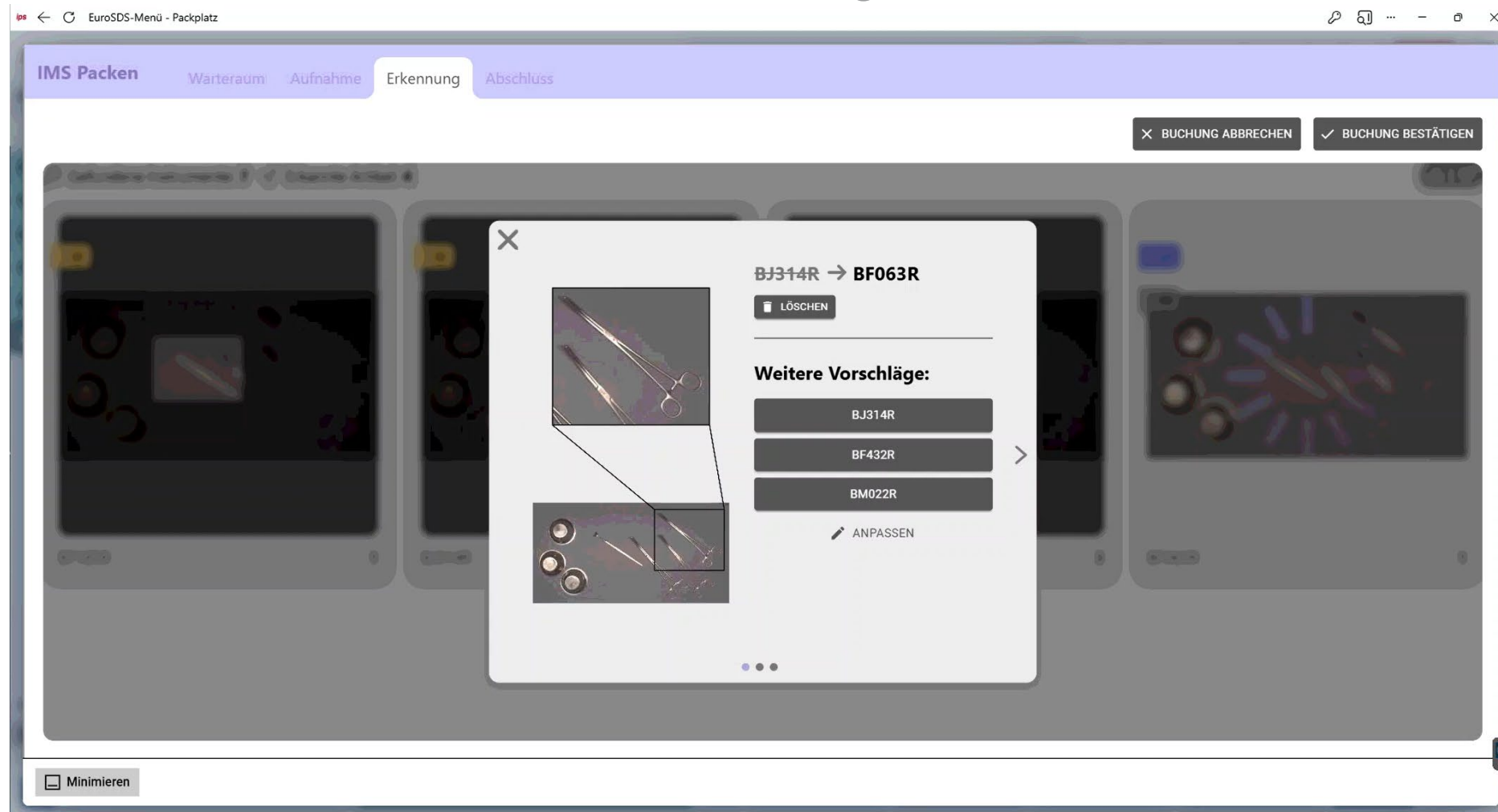
6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log



6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log



6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log

Browser: EuroSDS-Menü - Packplatz

Version: 2
gültig seit: 24.09.25

Cirlog-01

I	Pos.	Kürzel	Bezeichnung	Soll	Ist
✗	7	BM022R	DUROGRIP-NADELHALTER N.HEGAR-MAYO-SEELEY	1	0
✗	8	BC283R	DUROTIP-PRAEP.SCHERE,LEXER, GEB., 165 MM	1	0
✗	9	BC275R	DUROTIP-PRAEP.SCHERE,METZENBAUM,GEB,200	1	0
✗	10	BH110R	MOSQUITOKLEMME N.HALSTED, GER., 125 MM	2	0
✗	11	EA020R	Darmfasszange, 200mm, 6x7 Zähne, nach ALLIS-THOMS	2	0
✗	12	BF432R	TUCHKLEMME N.BACKHAUS, 110 MM	4	0
↔		BF433R	TUCHKLEMME N.BACKHAUS, 135 MM	0	0
↔		BF431R	TUCHKLEMME N.BACKHAUS, 90 MM	0	0
✗	13	BD561R	CHIR.PINZETTE, 1X2Z., 200 MM	1	0
✗	14	BD029R	Pinzette, 160mm, anatomisch, mittelbreit	1	0
✗	15	BD547R	chirurgische Pinzette, 145mm, 1x2 Zähne	1	0
✓	16	BT185R	Wundhaken, 14x18mm, nach CUSHING	1	1
✗	17	BT260R	VOLKMANN Wundhaken (mit Zinken), 220 mm (8 3/4"), 4 Zinken, halbscharf, Tiefe: 8,5 mm, Breite: 19 mm, unsteril, wiederverwendbar	2	0
✗	18	BT261R	VOLKMANN Wundhaken (mit Zinken), 220 mm (8 3/4"), 6 Zinken, halbscharf, Tiefe: 8,5 mm, Breite: 29 mm, unsteril, wiederverwendbar	2	0
✓	19	JG522R	LABORSCHALE 0,16 LTR. B4	3	3

Bestand In Sets / Packlisten Reparaturpool - Reparaturpool Fehlteilepool - Fehlteilepool

Hinweis:

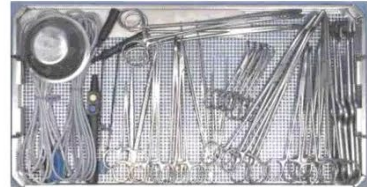
Besonderheiten:

✗	20	GK930R	bipolare Pinzette, isoliert, Aesculap-Flachstecker nach CASPAR, 195mm, 0,5mm	1	0
✗	21	GM100R	DISPOSABLER KABEL 0,4MM	1	0

25 Einträge


33 fehlende Positionen

Set - Mediathek



Set - Informationen

Instrument - Mediathek



Weitere Dateien

Abbrechen Barcodeeingabe In Revision setzen Individual-Historie Auf die Plätze. Fertig. Packt! Packen

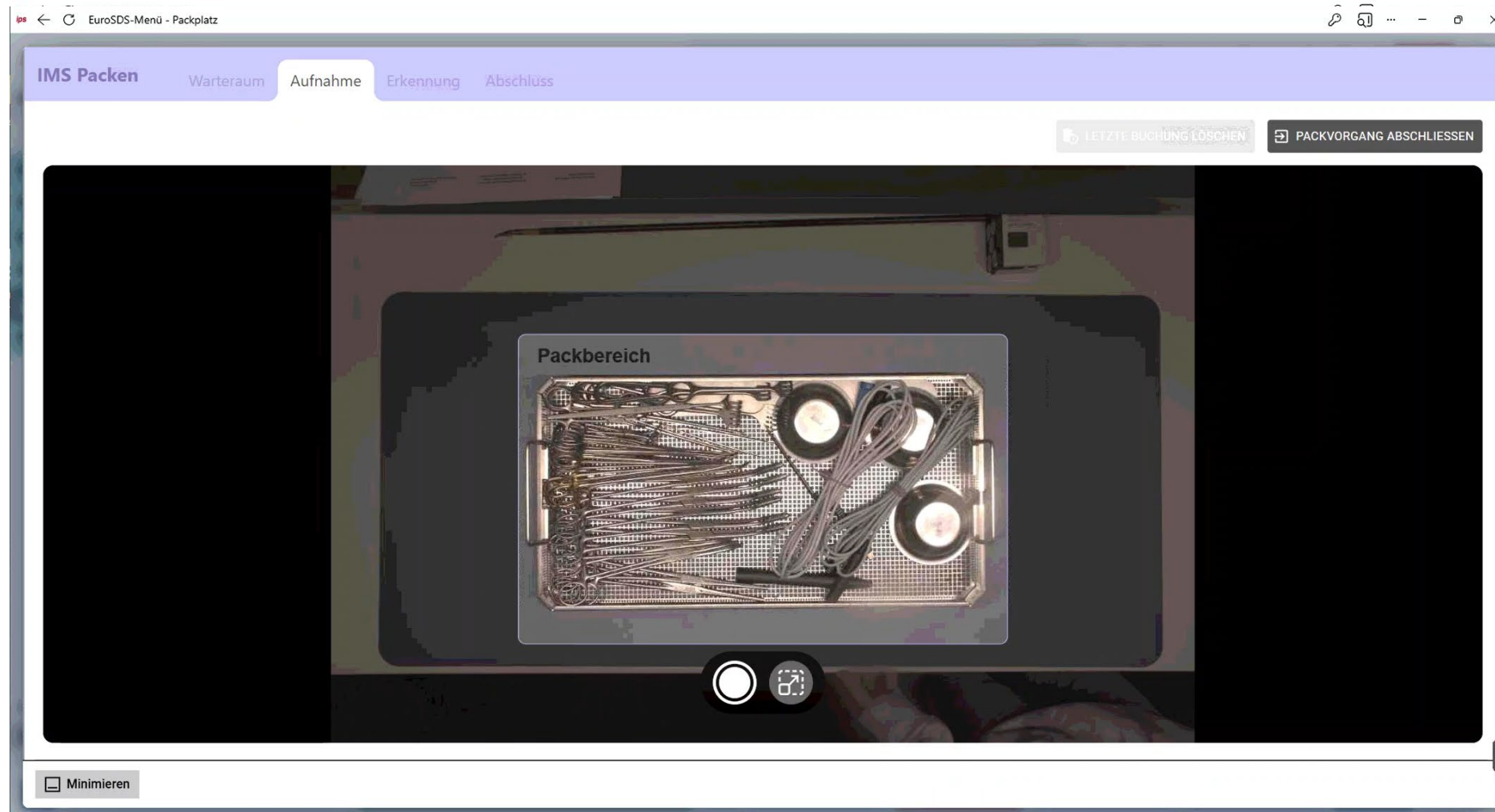
6 / Nexus – Connecting CSSD & OR Workflows

Seamless Workflow of EuroSDS and Cir.Log



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Seamless Workflow of EuroSDS and Cir.Log



6 / Nexus – Connecting CSSD & OR Workflows

Vision for EuroSDS and Cir.Log



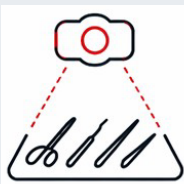
UNCLEAN SIDE

- + SteriBot: A flexible, intelligent robotic assistant that supports and relieves CSSD staff – making hospital operations safer, more efficient, and future-ready.



PACKING DESK AUTOMATION

- + Integrated packing desk automation combining EuroSDS, Cir.Log, and robotics



INSTRUMENT QUALITY

- + Early detection of quality issues and instrument damage



TRAY OPTIMIZATION

- + Data-driven tray optimization based on real OR usage

6 / Nexus – The Future Starts Now

Vision for Nexus

Time is critical.

Automation, AI, connectivity, and adaptability are key to the future of CSSD and OR. We are driving this transformation – for patients, for healthcare professionals, and for better outcomes.

Automation

Automating manual tasks across CSSD and OR workflows

Artificial Intelligence

Leveraging AI for smarter decisions and optimized processes

Connectivity

Seamless integration across systems, devices, and workflows

Adaptability

Flexible solutions that evolve with changing healthcare demands

Thank you.

For questions or demonstration visit us at Compton Suite (Ground Floor)
C19

