

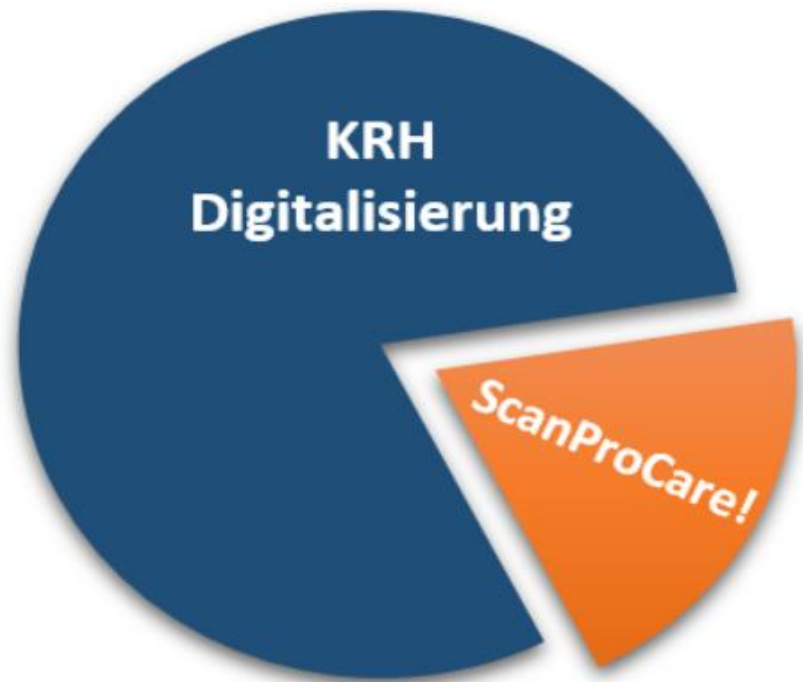


Powering Digital Transformation in Healthcare

ScanProCare!



ScanProCare! – From Vision to Reality

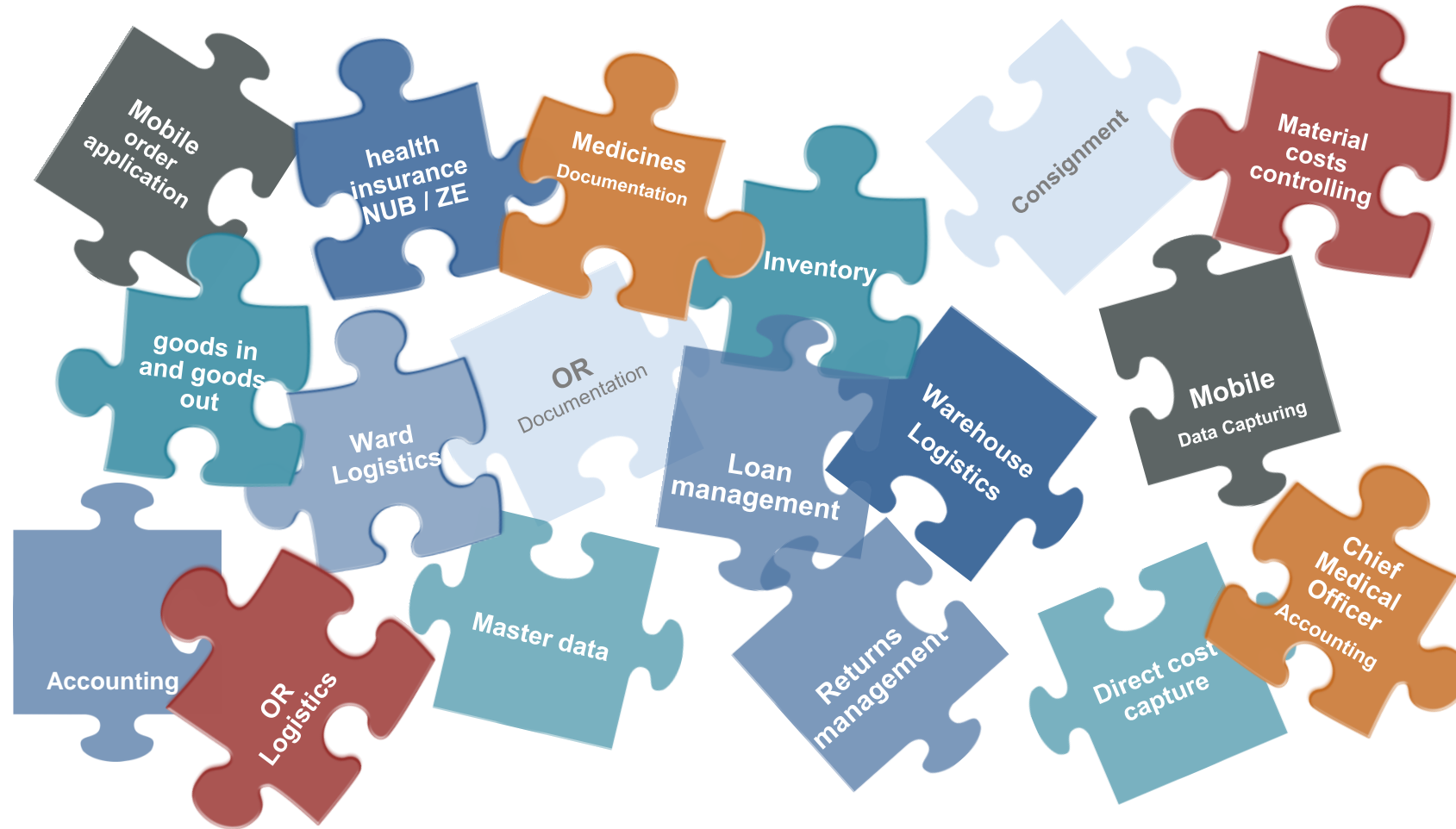


- patient in focus
- future-proof
- economical
- interconnected
- attractive
- Efficient
- **based on GS1 Standards**
- digital
- smart
- innovativ

Medical processes are the focus,
administrative processes support in the background!

Starting situation

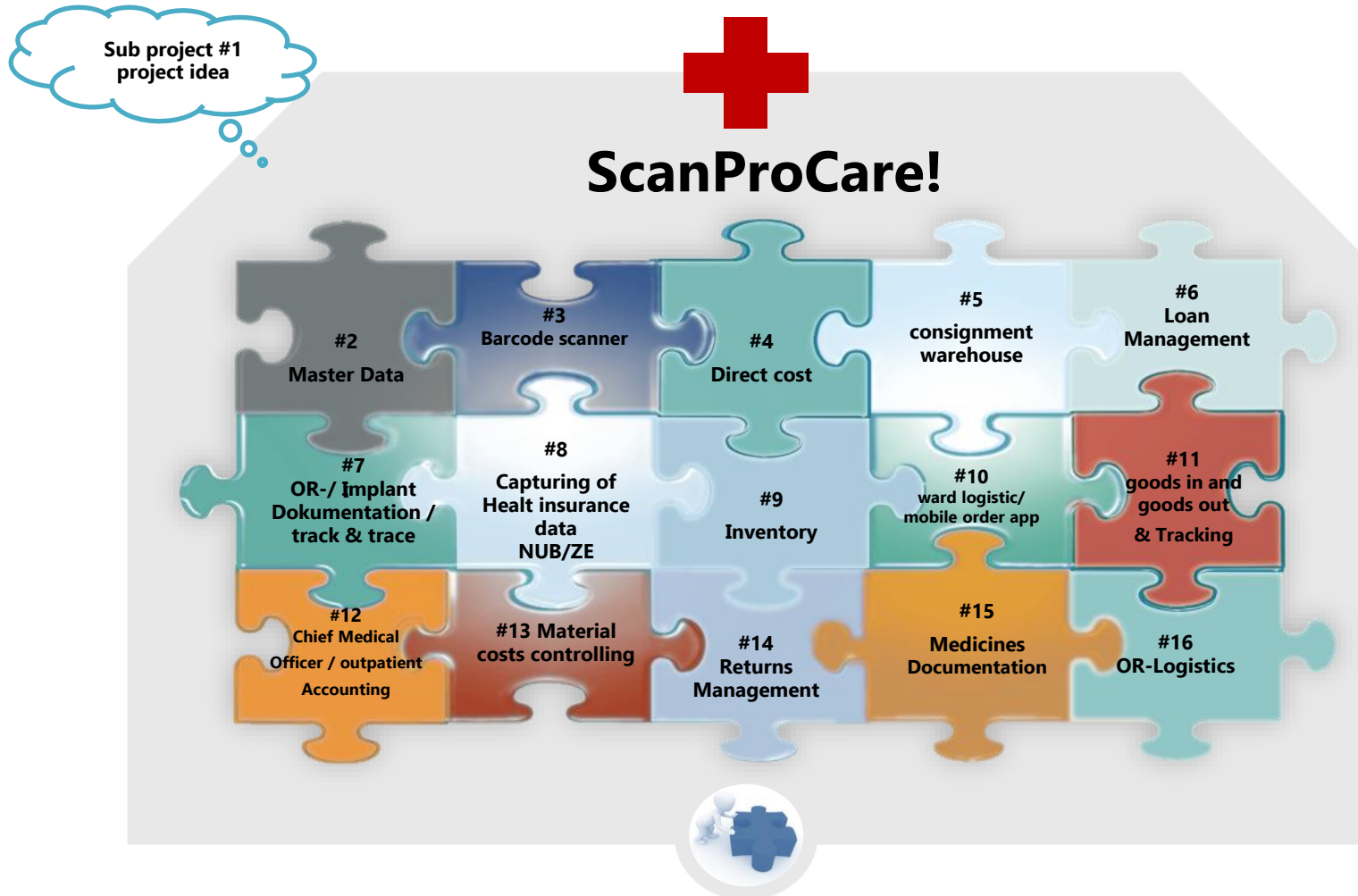
Separate manual processes resemble loose puzzle pieces!



Processes do not interlock, Systems do not exchange data with each other systematically and digitally!

Vision

modular approach to implementation Systematic, connected processes and networked data!



ScanProCare! – Insight into Practice

Slim down your processes and enhance the effectiveness of your organization

Benefit:

- Many processes can be represented on just one device

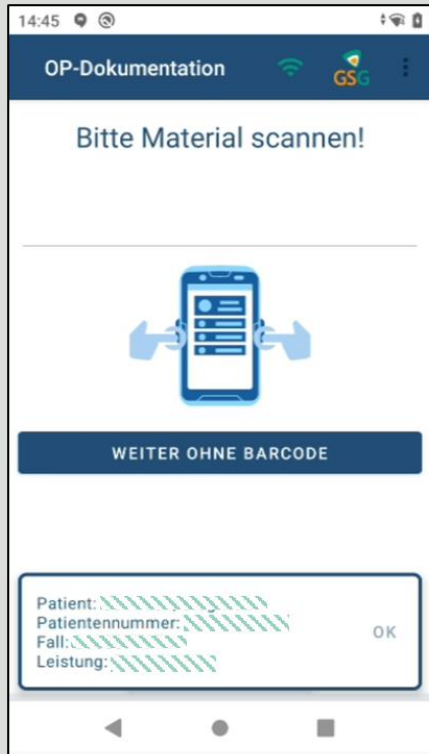


ScanProCare! – Success Story

ScanProCare! Explainer video



Smart Material Documentation for OR, Radiology, Endoscopy and HVAC



Intuitive UI &
User Experience

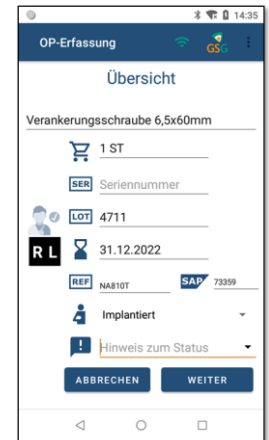
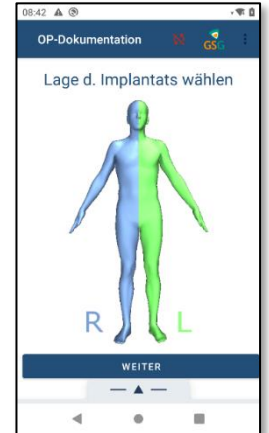
*Basically No Training
Required*

Comprehensive Analyses
*Dashboards with Real-Time Data
Feeds*

LIVE in 60+
Operation
Rooms

1800+
Scanned
Positions
*per Month
currently only
implants*

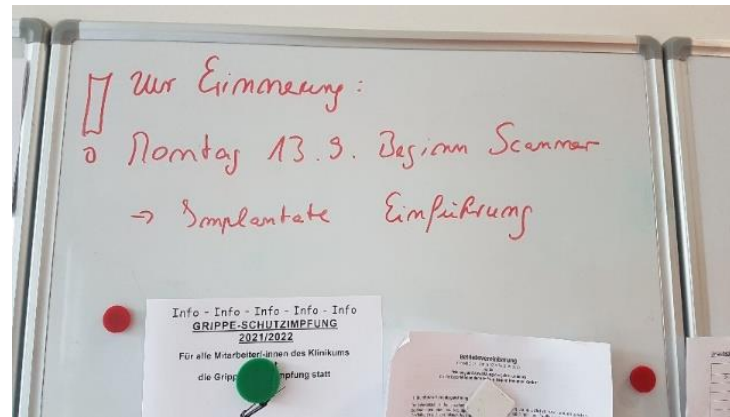
Ø 10
Minutes
Saved per
Operation
*of
Documentation
Work*



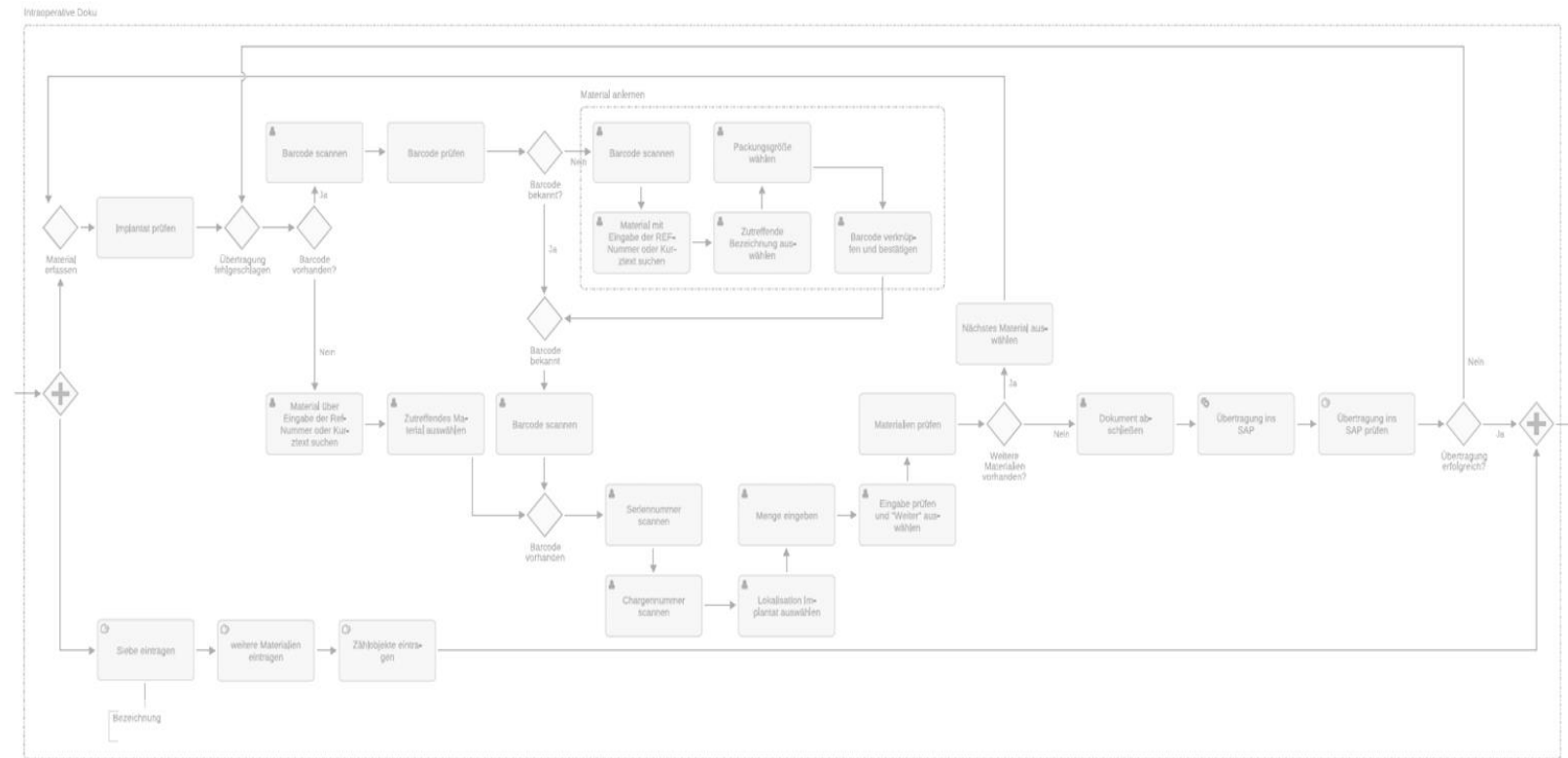
Documentation via Scanner: Fully Integrated and Automated

Impressions Rollout of OP Dokumentation

ScanProCare!
|||||

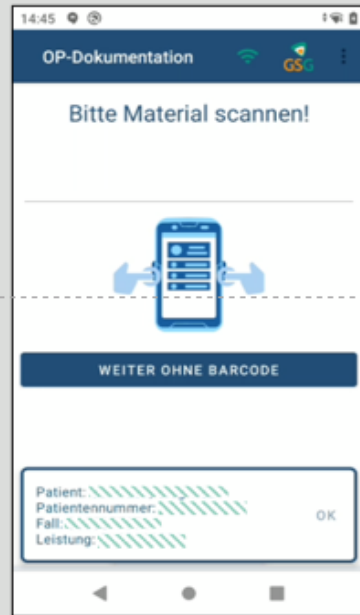
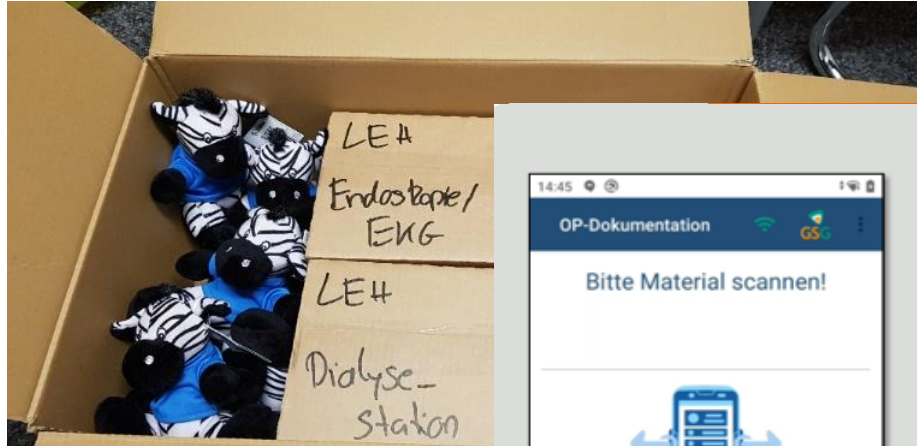


Under optimal conditions, up to **80 %** time savings in implant documentation.



(Prozesszeitmessungen)

Scanner-based inventory saves time and money



Automatic product recognition via camera using AI

Plausibility checks based on configurable rules

Suitable for station and warehouse inventory

Intuitive material input through fast scanning procedure

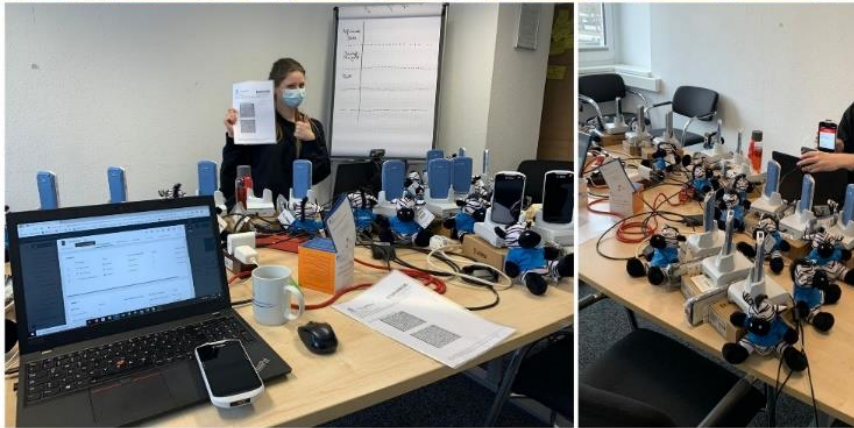
Direct SAP integration

Reduction of required users to one person (4 eye principle), coordinated with auditors

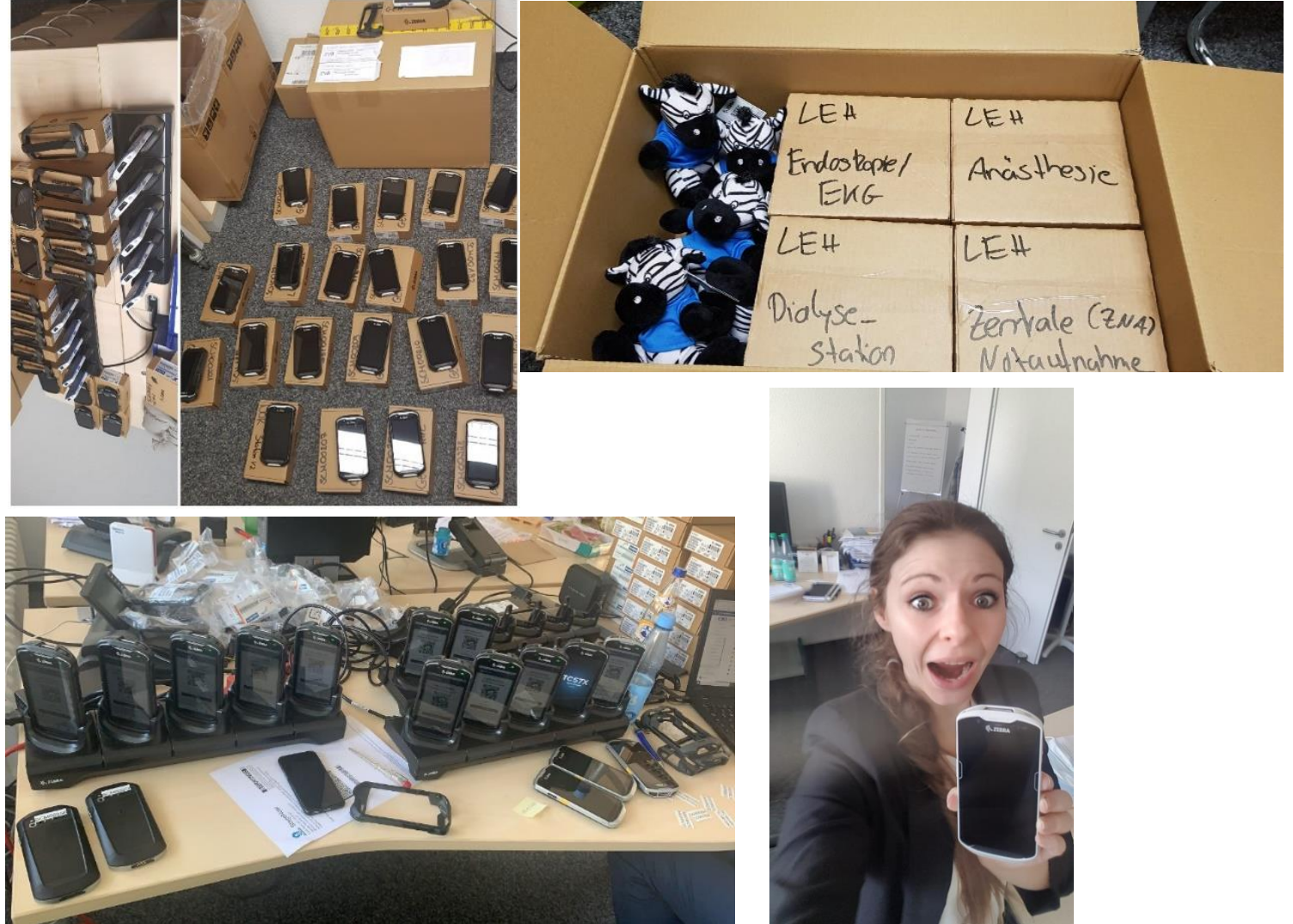
Documentation via Scanner: Fully Integrated and Automated



Behind the Scenes



First delivery of the
Scanner: 19.11.20



Material request via Scanner / WebPortal platform-independent



Direct forwarding to the GSG transaction platform with full process integration

App-based automatic reordering, for example, based on consumption

Cost center structures can be flexibly represented

Different authorization levels included

Full SAP Integration

Including module cabinet supply

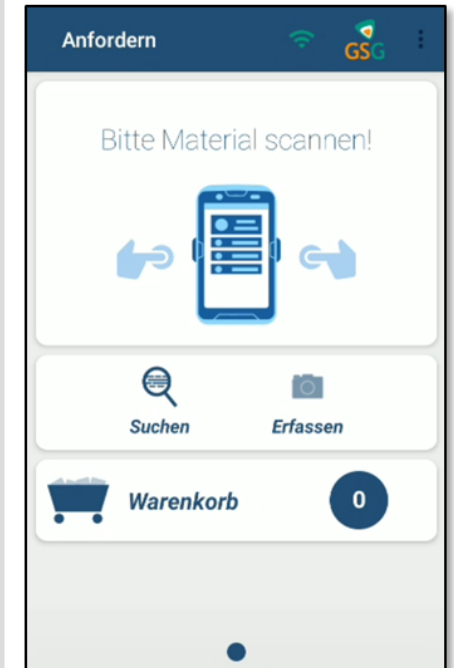
Significant simplification and acceleration of procurement processes

Bestellvorschläge für Kostenstelle 900002

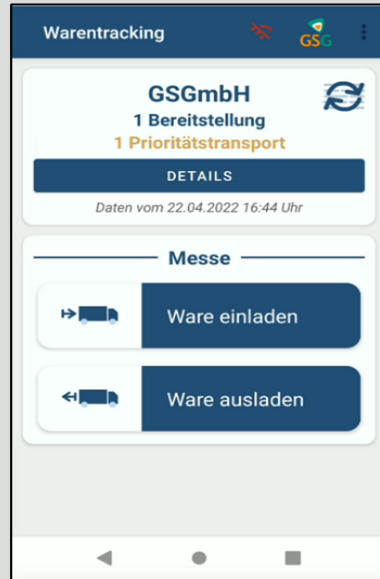
Kostenstelle: 900002

<input type="checkbox"/>	Artikelname	SAP-Nummer	Verbrauch	Basismengeneinheit	Angefordert	Bestellmengeneinheit
<input type="checkbox"/>	Binde univ.elast.Nobatel 20cmx5m	10178	2	ROL	0	ROL
<input type="checkbox"/>	Binde Mull e.(100%) 8cmx4m Raucolast	10181	2	ROL	0	ROL
<input type="checkbox"/>	Binde Mull e.(100%) 10cmx4m Raucolast	10182	2	ROL	0	ROL
<input type="checkbox"/>	Binde Mull e.(100%) 12cmx4m Raucolast	10183	2	ROL	0	ROL
<input type="checkbox"/>	Tamponade Mull steril 1cmx5m	10190	2	ROL	0	ROL
<input type="checkbox"/>	Viteline Einsatz 32mm 48/50 sym	100556	2	ST	0	ST
<input type="checkbox"/>	Binde Kompression 8cm Langzug 180%	10185	2	ROL	0	ROL

Ordering via Scanner: Fully Integrated and Automated



Optimized Supply Chain – tracking of material



Intuitive UI &
User Experience
*Basically No Training
Required*

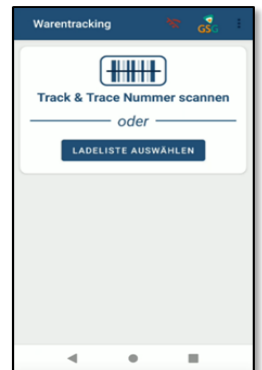
Comprehensive analyses
Real-time Dashboards

Convenient handling,
including telephone
functionality

Fully integrated
booking of material
receipt is possible

Interface integration
with Dynamed Logbuch

Tracking of inventory via Scanner: Fully Integrated and Automated



Convenient fully integrated barcode/master data management, efficiently leveraging swarm intelligence



Rapid learning of
unfamiliar barcodes

On-Device search

< 1 minute operating time
per material

Integration of mobile
printers, e.g. for GS1
DataMatrix

Correction function

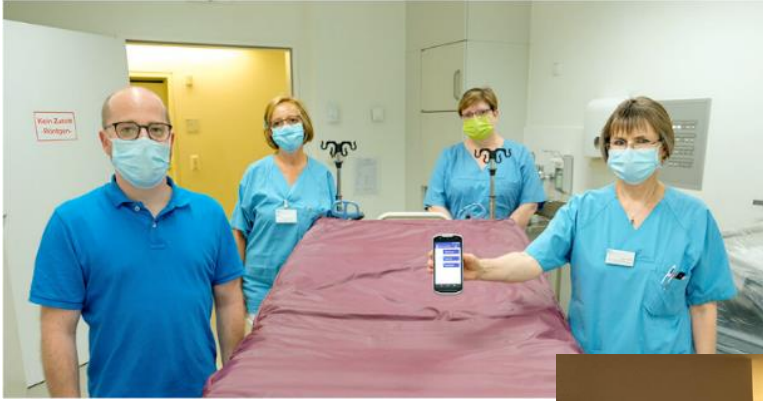
Full SAP integration

Barcode learning via Scanner



Barcodeverwaltung	
1	BOX = 100 ST
1	KAR = 1200 ST
1	PAK = 1200 ST
1	PAL = 1440 ST
	0
1	ST = 1 ST

Smart systemes with Hillrom SmartRental



Cost savings through streamlined decision-making processes

Bed requisition via scanner and electronic selection aid

Demand-based billing of beds with patient reference on a daily basis (SAP orders)

Active decision support through AI-assisted dashboard

Intuitive UI & User Experience



ScanProCare! Success Story



Significant Savings in
Process Cost
(around 1,1 Mio EUR/year)

300+
Scanners Deployed
Additional Scanners in Planning

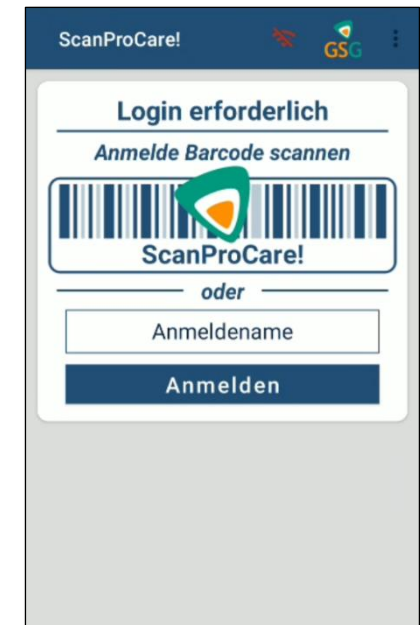
Powerful Synergy
Effects between all
Modules

16+ Modules
on One Device

Mini-Apps
e.g. Barcode Capturing

Connectivity
*WiFi and Mobile Network,
Bluetooth, NFC*

*Real-Time Data Feeds
e. g. for Procurement / Controlling
Purposes and Logistics*



Award Ceremony at the GS1 Healthcare Global Conference

KRH ScanProCare! receives the 'Healthcare Provider Case Study Award 2023' for best practice in GS1 Standards in Sao Paulo!



ScanProCare! – Success Recipe

Strong Project Partners & solid financing



Region Hannover



EUROPÄISCHE UNION
Europäischer Fonds für
regionale Entwicklung



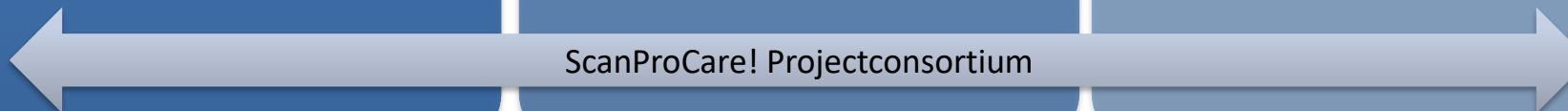
Process design
Incorporation of expert knowledge
regarding the processes
Testing of the App and processes



Softwaredevelopment



Current state analysis
Evaluation
Metric collection
Processes



Further strong Partners



GLOBOS Logistik- und Informationssysteme GmbH

- Hardware & Software Specialist / Wholesaler



ZEBRA TECHNOLOGIES GERMANY GMBH

- Barcodescanner Specialist / Manufacturer



SOTI GmbH

- Mobiledevicemanagement (MDM) Specialist



Hill-Rom GmbH
Hillrom is now a part of Baxter

- SmartRental



3M Deutschland GmbH

- VAC-Man



B. Braun Deutschland GmbH & Co. KG

- Consultation stock and operating room loan management



GS1 Germany GmbH

- Barcode Standard Specialist



DYNAMED Gesellschaft für Management und Logistik im Gesundheitswesen mbH

- Hospital Logistics Specialist - Logbuch



Zukunft Krankenhaus-Einkauf
ZUKEdigital

- Think Tank & Mediapartner

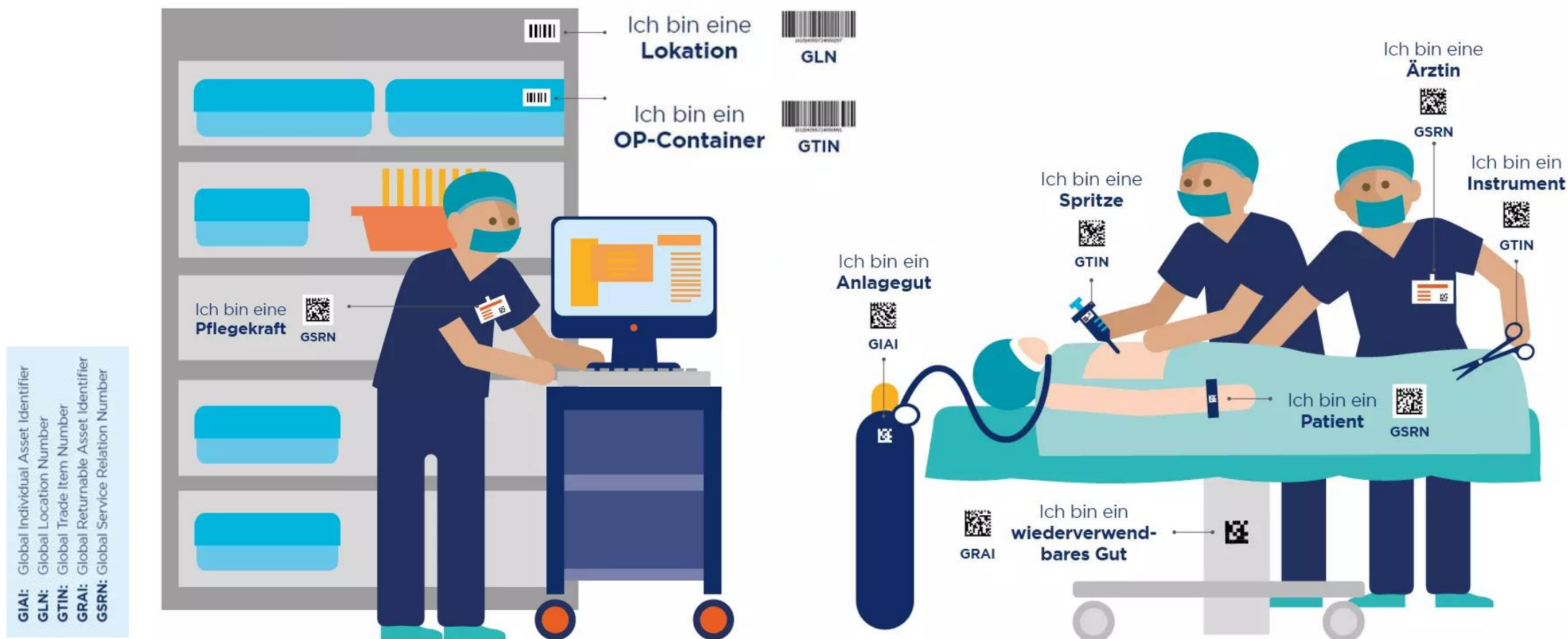


Further innovative partners are warmly welcome!

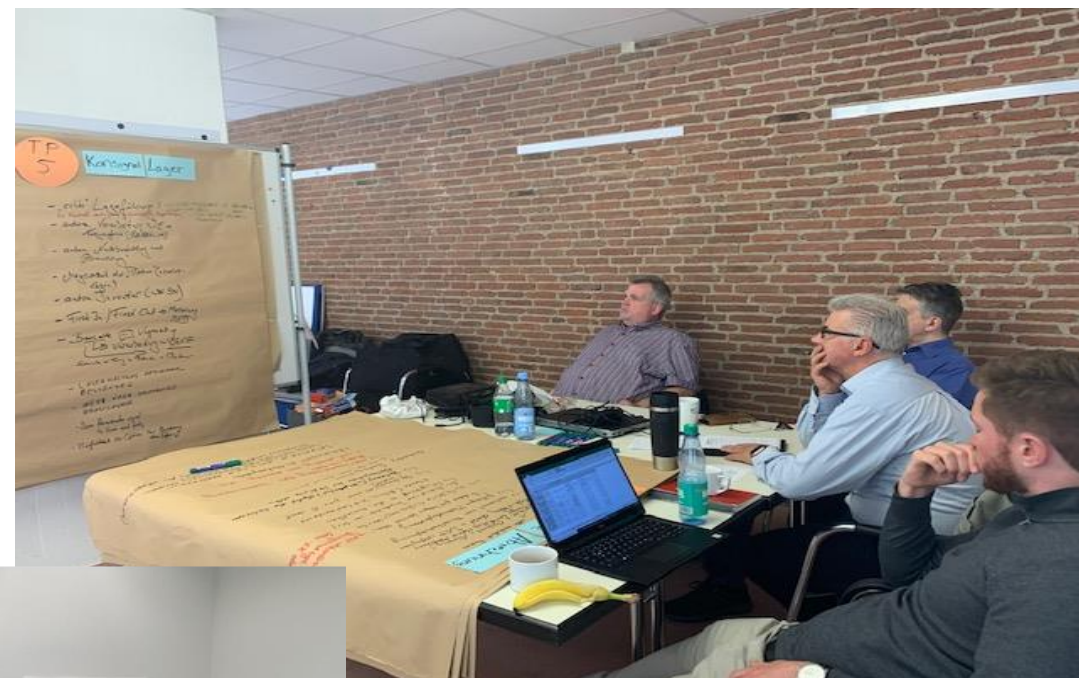
GS1 Standards in use:



That's what's embedded in GS1 standards and implemented at hospital KRH:



Crafted by experts for experts



Communication and Change

#scannerliebe -> #scannerlove

ScanProCare!



Action, please!



ScanProCare! Best Practice event, June 2023 – organised by Klinikum Region Hannover

Sustainable success and satisfied users



The effort required for tasks such as inventory is quite high. This time could be better utilized for patient care at the bedside.

During the creation of the implant passport, errors can easily occur due to the manual input of long numbers.

User-friendly scanners can save a significant amount of time.

A barcode scanner would not only improve the returns process but also fundamentally (almost entirely) prevent incorrect orders or overages.



We would like to be a pilot site.

When can we start?

Time for your questions





Thank You For Your Attention!