Powering Digital Transformation in Healthcare
ScanProCare! – From Vision to Reality
ScanProCare!

Vision

- 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!

#2 Master Data
#3 Barcode scanner
#4 Direct cost
#5 Consignment warehouse
#6 Loan management
#7 OR-/Implant documentation / track & trace
#8 Capturing of health insurance data NUB/ZE
#9 Inventory
#10 Ward logistics / mobile order app
#11 Goods in and goods out & Tracking
#12 Chief Medical Officer / Outpatient Accounting
#13 Material costs controlling
#14 Returns Management
#15 Medicines Documentation
#16 OR-Logistics

Sub project #1 project idea

ScanProCare!
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

Tim Bauer / KRH / IT
Impressions Rollout of OP Dokumentation
Under optimal conditions, up to 80% time savings in implant documentation.
Scanner-based inventory saves time and money

- Automatic product recognition via camera using AI
- Suitable for station and warehouse inventory
- Direct SAP integration
- Plausibility checks based on configurable rules
- Intuitive material input through fast scanning procedure
- 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

Including module cabinet supply

Significant simplification and acceleration of procurement processes

Full SAP Integration

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

Tim Bauer und Vanessa Herbst – ScanProCare!
Convenient fully integrated barcode/master data management, efficiently leveraging swarm intelligence

- Rapid learning of unfamiliar barcodes
- Integration of mobile printers, e.g. for GS1 DataMatrix
- On-Device search
- Correction function
- Full SAP integration
- < 1 minute operating time *per material*

Barcode learning via Scanner
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

Tim Bauer und Vanessa Herbst – ScanProCare!
ScanProCare! Success Story

**Significant Savings in Process Cost**
(around 1.1 Mio EUR/year)

**Powerful Synergy Effects between all Modules**

**Connectivity**
WIFI and Mobile Network, Bluetooth, NFC

**16+ Modules on One Device**

**Mini-Apps**
e.g. Barcode Capturing

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

**300+ Scanners Deployed**
Additional Scanners in Planning
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

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

Software development

Current state analysis
Evaluation
Metric collection
Processes

ScanProCare! Projectconsortium
Further strong Partners

GLOBOS Logistik- und Informationssysteme GmbH
• Hardware & Software Specialist / Wholesaler

ZEBRA TECHNOLOGIES GERMANY GMBH
• Barcodescanner Specialist / Manufacturer

SOTI GmbH
• Mobile device management (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
ScanProCare! Best Practive 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.

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

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.

We would like to be a pilot site.

When can we start?
Time for your questions
Thank You For Your Attention!