GS1

GS1 Healthcare Provider Advisory Council Webinar

Use cases of successful GS1 implementations in German, Austrian and Swiss healthcare

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Product Management and Development, Agfa HealthCare
November 2017

Welcome and thank you for attending!

- Welcome to our November 2017 webinar. Thank you to our guest speaker Mr. Martin Reitstaetter, MSc. Product Manager and Developer at Agfa HealthCare

- Some housekeeping for today:
  - All attendees will be on mute
  - If you have questions during the presentation, please type them into the questions area and these will be monitored then answered at the end of the call

- After the webinar:
  - Within a week, the recording will be posted to: http://www.gs1.org/healthcare/hpac_webinars
  - All previous webinars are also posted to this location, so please feel free to use this resource and share the link

The GS1 Healthcare Provider Advisory Council (HPAC)

Focus is on thought leaders and adopters of GS1 Healthcare Standards from the global clinical provider environment. Their final goal is to improve patient safety, cost efficiency and staff productivity through implementation of GS1 standards.

A forum for sharing and discussion	• About the practical realities of implementation of GS1 Standards in the care giving environment in regards to the impact on clinical care and patient interaction
Identification of projects and case studies	• That support the adoption of GS1 Standards in healthcare providers and retail pharmacies • For publication, presentation and sharing
A source of expertise and advice	• To those involved in GS1 standards development, the wider Healthcare stakeholder community and senior executives/decision-makers to gain their buy-in and support for implementation of GS1 Standards

HPAC Activities

Webinars

- Monthly webinars open to all stakeholders interested in learning about GS1 standards implementation in the care giving environment.
- http://www.gs1.org/healthcare/hpac_webinars

Awards

- Twice per year
- Provider Best Case Study Award
- Provider Recognition Award
- The prize is travel / accommodation to attend the next GS1 Healthcare conference
- http://www.gs1.org/healthcare/hpac

GS1 Healthcare also holds two global conferences per year. The next conference will be in Bogota from April 10-12, 2018, with significant Healthcare Provider participation on the agenda.
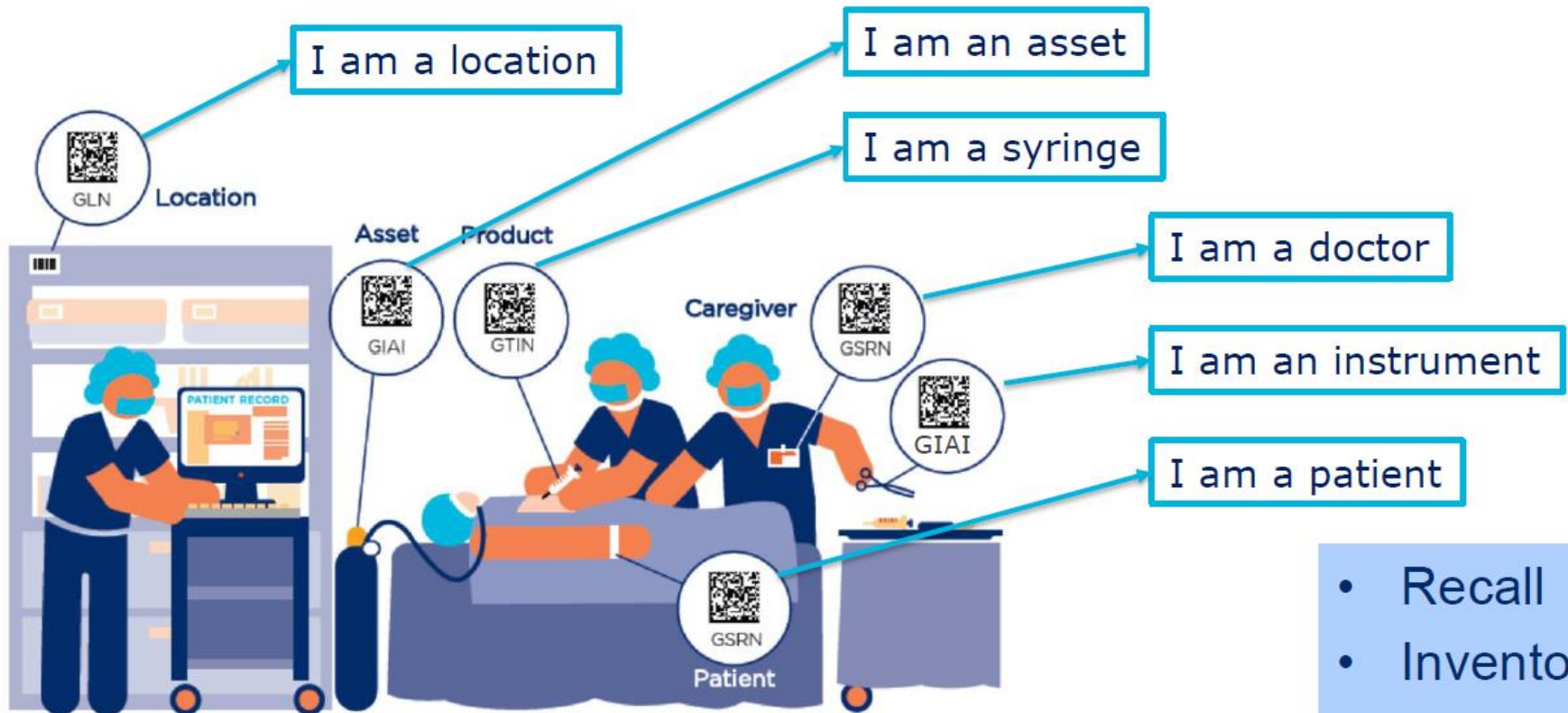
Presenting today

Who am I

- Martin Reitstätter, MSc

- In the healthcare IT business for more than 20 years

- Since 10 years responsible for development of cardiological documentation systems both as team lead and developer

- Since 8 years as product manager and developer also responsible for the AIDC integration in medical documentation systems.

- Prior to that knowledge engineer for expert systems and knowledge based decision support systems at the Technical and the Medical University of Vienna.

AGFA *Agfa*
HealthCare

What happens when....
a GS1 barcode is scanned?

With thanks to
GS1 Ireland

I am a location

I am an asset

I am a syringe

I am a doctor

I am an instrument

I am a patient

- Recall
- Inventory
- Payment

GS1 Standards enable many applications and uses within industry sectors

Example 1 – Cardiac Catheterisation

- Documents (GDTI)
- Articles (GTIN)
- Medication (GTIN)
- Trays (GTIN)
- Employee (GSRN)
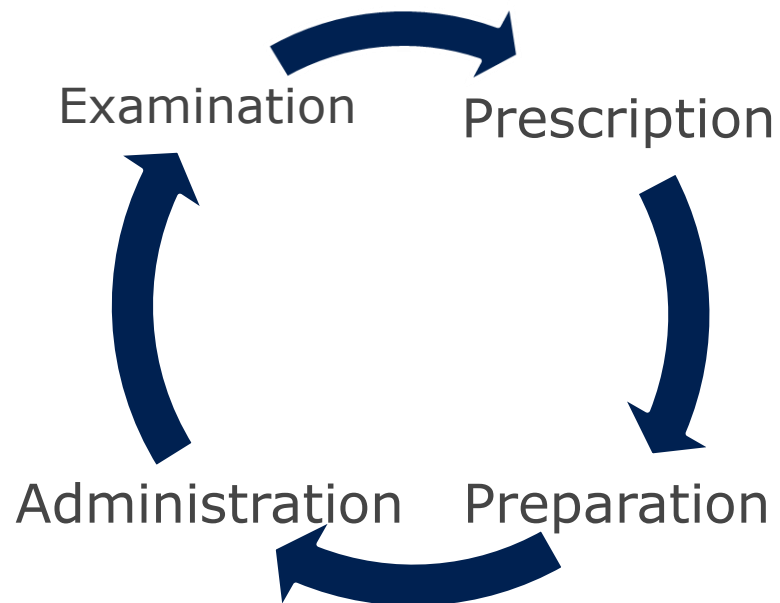
Example 2 – ECG-Order

- Patient Identification (GSRN)
- Asset (GIAI)

Example 3 – Closed Loop Medication

Examination → Prescription → Preparation → Administration → (loop back to Examination)

GS1 Healthcare
Award 2016

für mehr Effizienz und Sicherheit
im Gesundheitswesen

Kreiskliniken
Esslingen gGmbH

Example 3 – Closed Loop Medication

- Dispenser (GSRN + SRIN)
- Medication (GTIN)
- Patient Identification (GSRN)
- Employee Identification (GSRN)

Preparation

medication dispenser with label, containing patient name, birthdate and barcode with GSRN and SRIN

Step 1: Printing

- Labels for all dispenser of the ward were printed (for the next day)

- Stick labels onto dispenser

Preparation

Scanning of medication dispenser and medication package

Step 2: Scanning

- Scanning of dispenser

- Prescription opens and shows the medication to prepare

- Medication package scanned and compared to prescription

Preparation

Checking the scanned medication against prescription

Filling of dispenser

Step 3: Checking and Filling

- The system checks the scanned medication package against the prescription

- Dispenser will be filled

Preparation

Scanning of employee barcode

Step 4: Signing

- Scanning of an employee barcode closes the preparation process

- Double checking with a second employee barcode is optional

Administration

Bedside scanning of dispenser

Step 1: Dispenser scan

- Scanning of dispenser at patient's bed
- Current prescription is shown
- Warnings are possible, if prescription changed in the meantime
- Prompt to scan the patient barcode on the wristband

Administration

Scanning of patient barcode

Step 2: Patient check

- Scanning of patient wristband

- Checking, if right dispenser was given to right patient

Administration

Scanning of employee barcode

Step 3: Signing

- Scanning of employee id-card finalizes the administration process

- Crosschecking with a second employee barcode is optional

Experience   -1-

- Closed Loop Medication

  - Patient Safety
  - Employee Safety
  - Batch Backtracking of Medications

- Cardiac Catheterisation

  - Fast Documentation of Articles
  - Batch Backtracking of Stents, etc.

Experience

- Main use case: material documentation
    - Master data quality
    - Education of acting nurses
    - Hardware

- Patient barcode mainly not yet standardized
    - Implementation of GSRN not clear
    - Patient-, case- or visit-related

- Standardized employee barcode mainly not yet in use
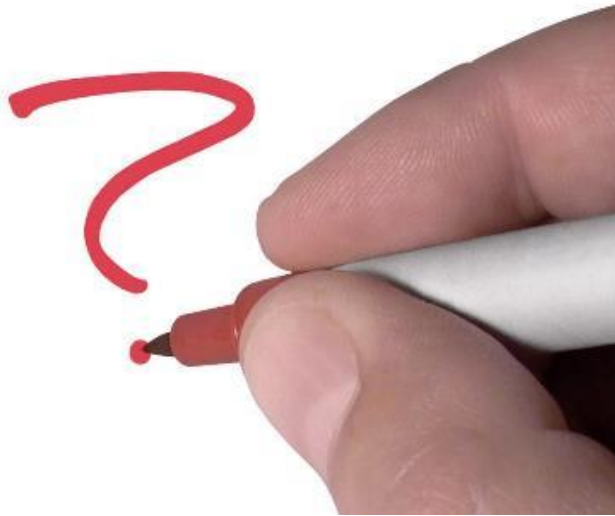
Thank You!

AGFA *Agfa*
HealthCare

Yes, we scan!

HPAC Questions and contact details

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