



Product data for hospitals through a data pool – a pilot

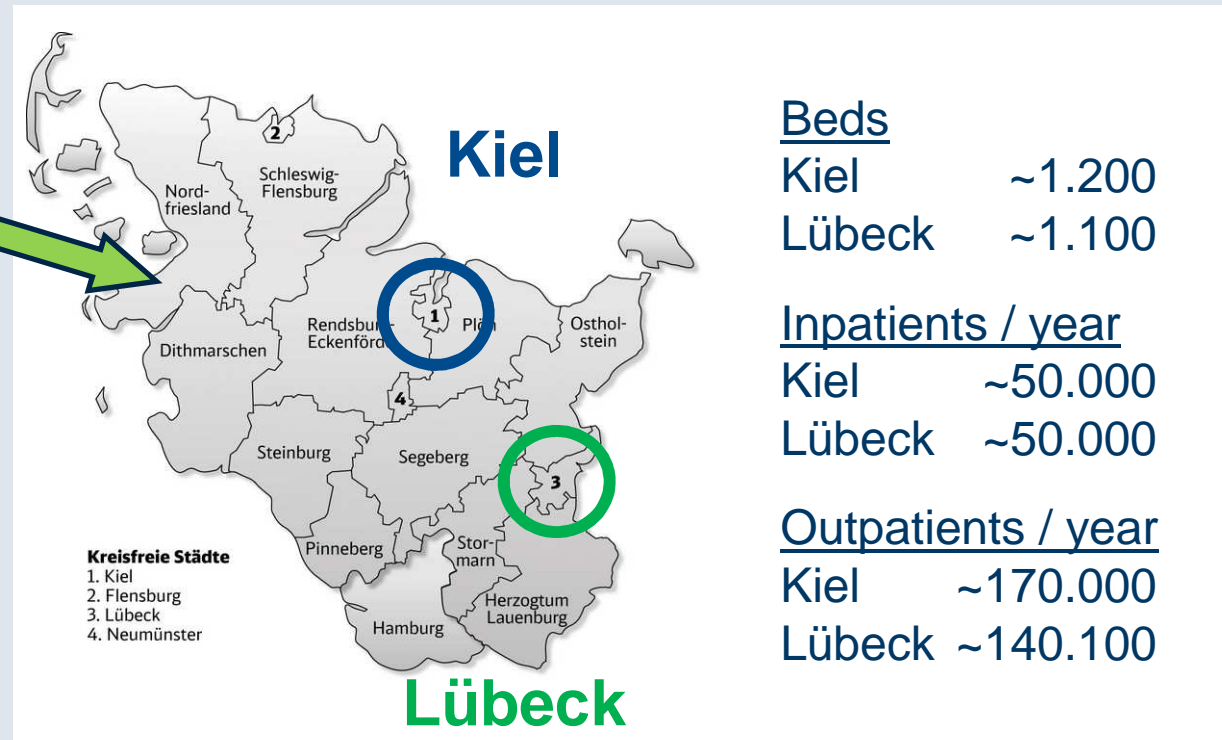
Why pools are cool

H. Reissmann

University Medical Center Schleswig-Holstein, Lübeck & Kiel



Schleswig-Holstein & its University Medical Center





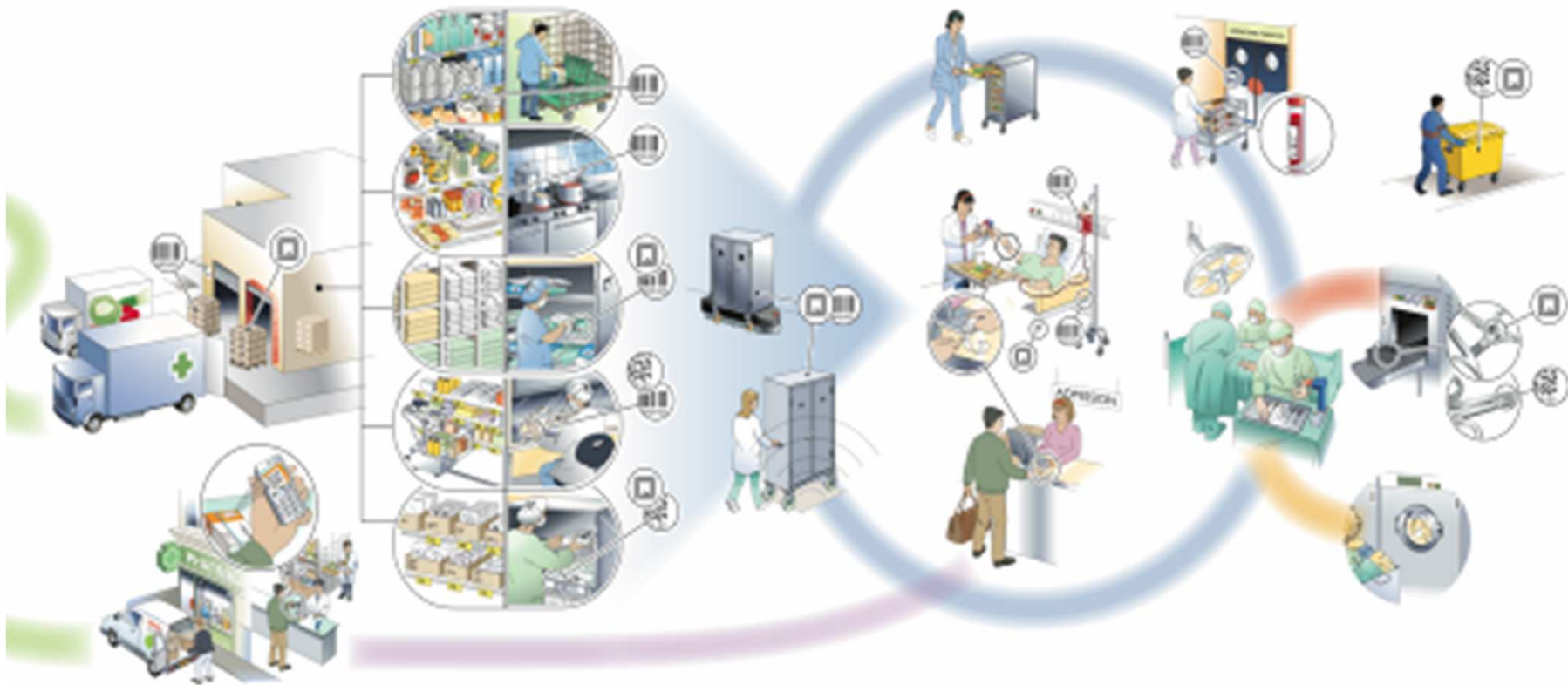
Healthcare providers are in a squeeze

- Rising demands
 - demographics
 - medical progress
 - rising expectations
- Limited resources
- → Services have to be provided with increasing efficiency
 - Reduce cost
 - purchasing
 - streamline processes
 - Optimize reimbursement
- Related aspect: Enhance **patient safety**



Hospitals need good Material Master Data – what for and which?

- **Patient safety**
 - Identification (device and production)
 - Product characteristics
- **Supply chain management**
 - Identification (→procurement, tracking, stock surveillance)
 - Classification & characteristics (→procurement, reporting)
 - Terms & conditions (→procurement)
- **Clinical processes, revenue, analytics & science**
 - Identification
 - Enhanced product characteristics



Wissen schafft Gesundheit

Stabsstelle Medizinischer Sachbedarf



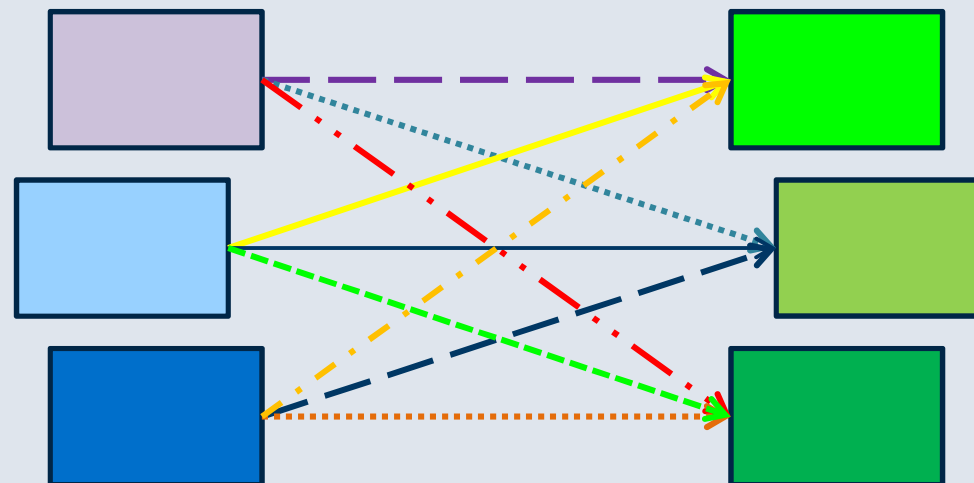
Focus on the basics

- Secure and easy identification is a MUST
 - data carriers
 - ideal: Single data carrier containing both device identification (DI) and production identification (PI = lot number, serial number, expiration date, ...)
 - identifiers



The Challenge of Master Data Communication

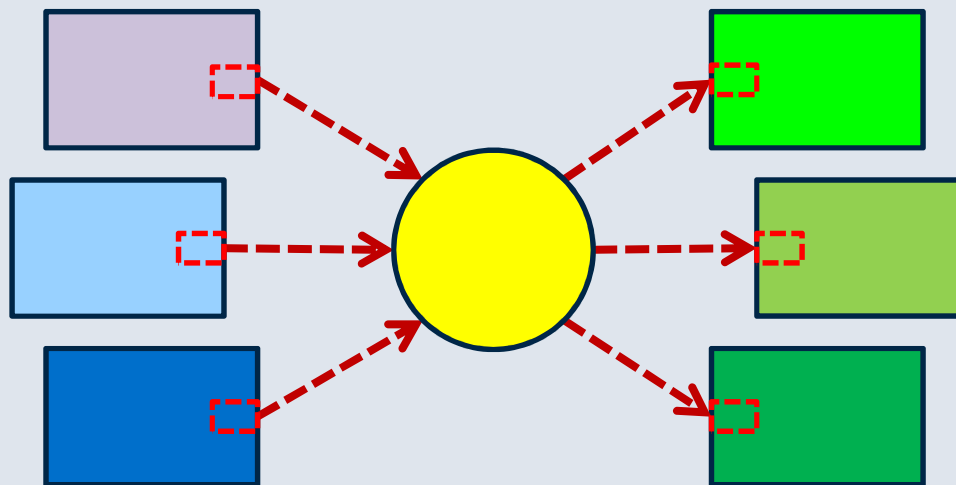
- Many-to-many communication between vendors and customers (= healthcare providers) is unreliable and cumbersome for all parties





The Challenge of Master Data Communication

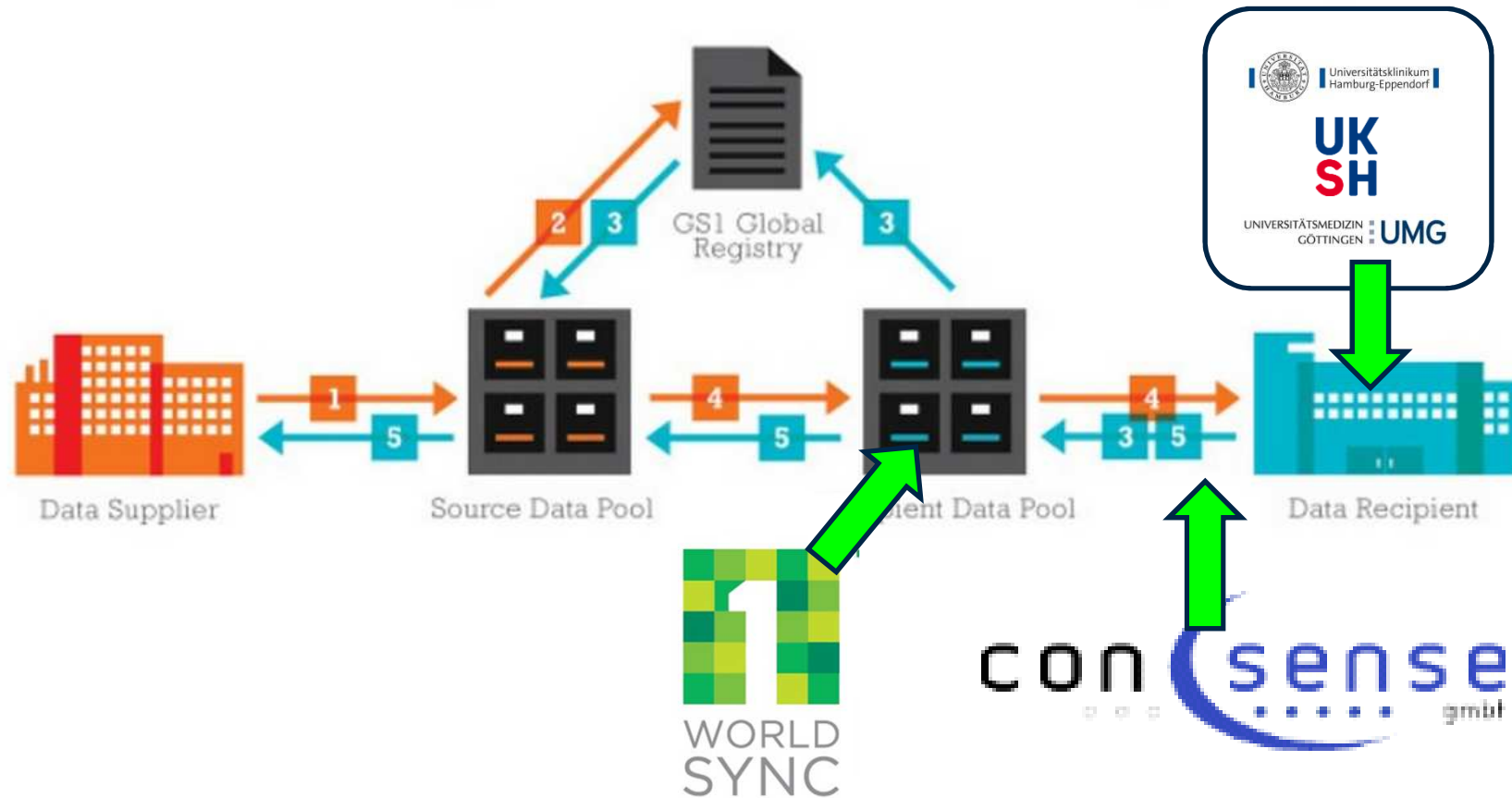
- Many-to-one-to-many communication via a data hub is an established principle in IT



- Everybody has one direct counterpart
- Regular updates can be easily managed
- Added value services can be incorporated
 - quality assurance, validation, enhancement



Global Data Synchronization Network (GDSN)



Wissen schafft Gesundheit

Stabsstelle Medizinischer Sachbedarf



- So far about availability
 - we are very much looking forward to it ...
- How about more content ?

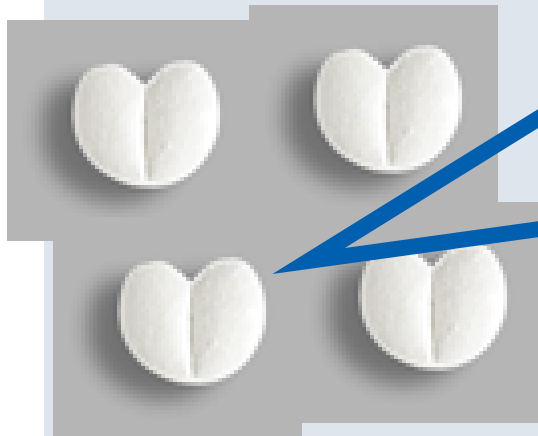


Streamlining medical processes

- Have in the right place at the right time
 - Patient
 - Providers
 - Appliances
 - Devices & Consumables
 - **Information / knowledge about**
 - Patient
 - Providers
 - Appliances
 - Devices & Consumables



Product characteristics



- My Name is ...
- I belong to class ...
- I'm used for ...
- I shouldn't be used in case of ...
- I interact with ...
- My price is
- My use is to be documented by procedure code ...
- I am associated with a special reimbursement component



Room for enhancements

- Share the perspective of the customer, i.e. the healthcare provider
- Build sections of the pool where groups of customers can store data
 - Linked to the content coming from & owned by the vendor
- *(Hot additional features for a really cool pool)*



**Thank you
for your attention**