



Coding System

Transfer of national numbers into international unique product code – PZN as an example

2. securPharm European Conference on the Falsified Medicines Directive

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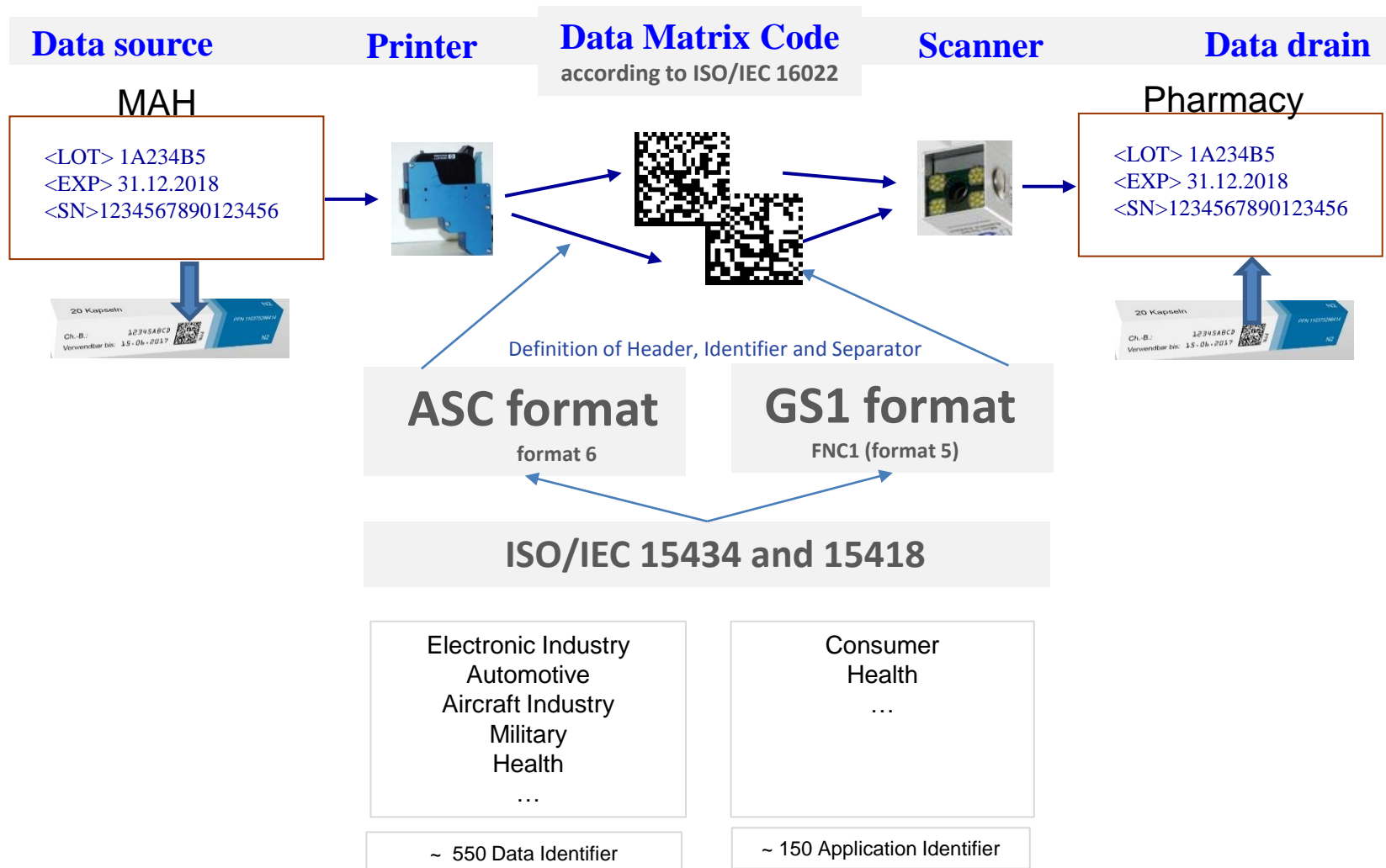


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(I) Two Formats for Coding Data



ISO/IEC standards guarantee data identity and operability

(II) Two schemas to enclose the national PZN for international uniqueness

ISO/IEC 15459

34 Issuing Agencies

CEFIC

DALO

GS1

DHL Freight GmbH

DOD-DLIS

Dun & Bradstreet

EDIFICE

HIBCC

IBM

IFA

NATO AC/135

SIEMENS

Telefonaktiebolaget Ericsson

....

GS1 - GLN

3400

4150

.....

.....

IFA-PraCode

10

11

12

...

PZN

12345678

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.....

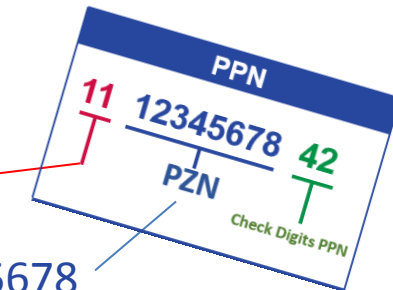
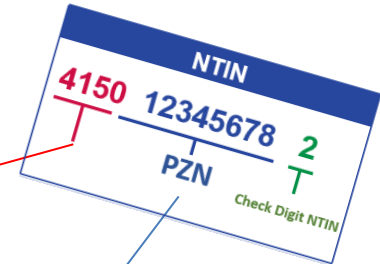
PZN

12345678

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inter national unique



based on the ISO/IEC standards – following the world wide ISO/IEC hierarchy

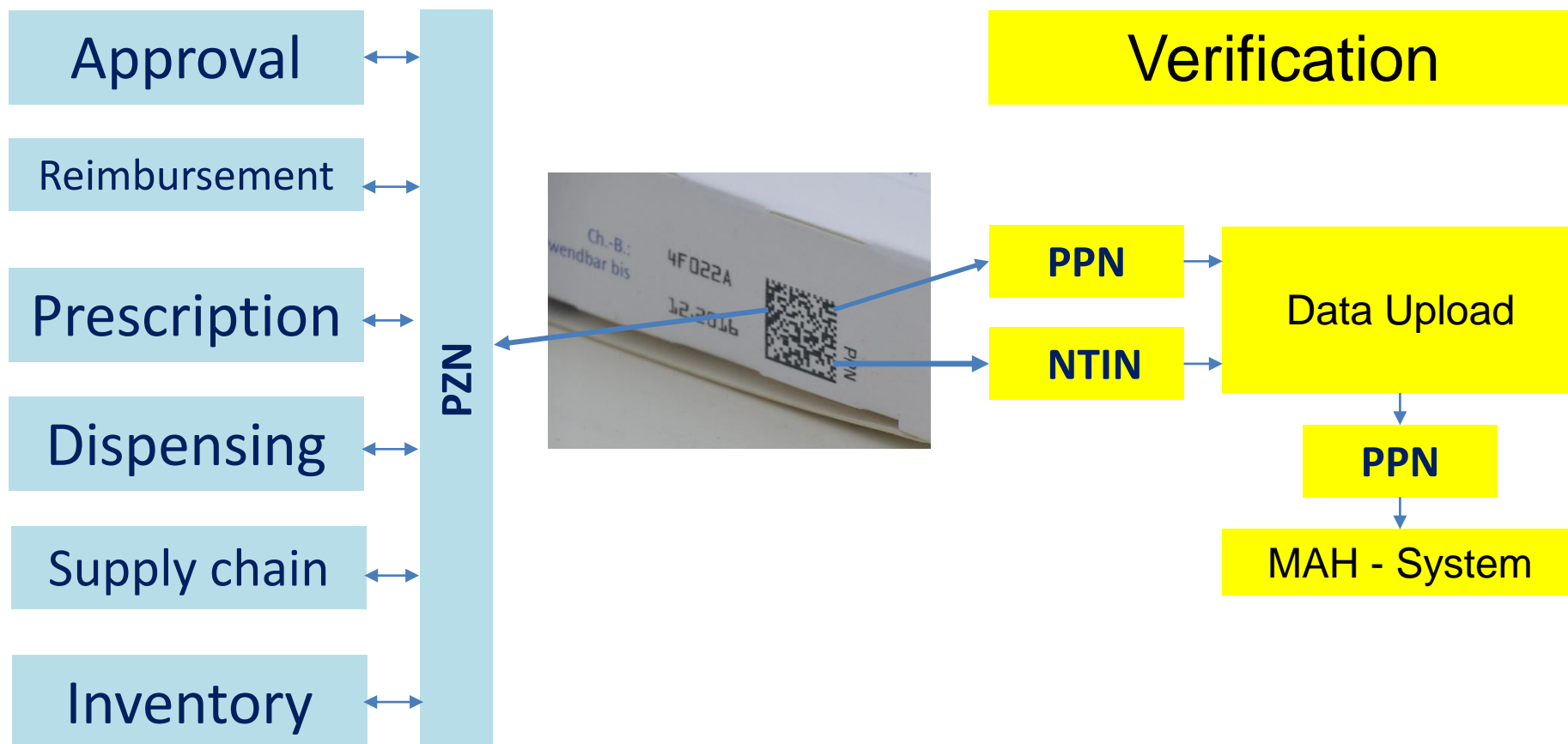
II Two schemas to enclose the PZN



	PPN	NTIN
Owner of the Issuing Agency	IFA (Stakeholder of pharmaceutical market)	GS1
Contract and License Rules	No additional contract required – no license fee	Contract between MAH and GS1- Germany required – determines license fee
Flexible Range of PZN	YES PZN extension up to 18 AN-characters possible	NO NTIN is limited to 14 characters

Free competition of IFA or GS1 – envelop scheme

PPN and NTIN enables flexible use of national and international product codes



Established and
reliable processes



- Schema to envelop the PZN
 - Conserves the PZN as the core element of the international unique product number
 - No change of established and reliable national processes by using PZN
 - International product number as a derivation from the national product number
 - one product number for all processes
 - avoids confusion
- Own Issuing Agency
 - consequent continuance of the National Issuing Agency (IFA) to fulfil international requirements
 - Offers the MAH a non cost option to fulfil the coding rules
 - Conserves the stakeholders independency to settle the rules of the product number
 - Keeping the ownership of the product number
- Parallel use of two code formats and two envelop schemas
 - Well proven since 2013



Thank You!

for your interest and your attention

questions and comments?