



Nederland

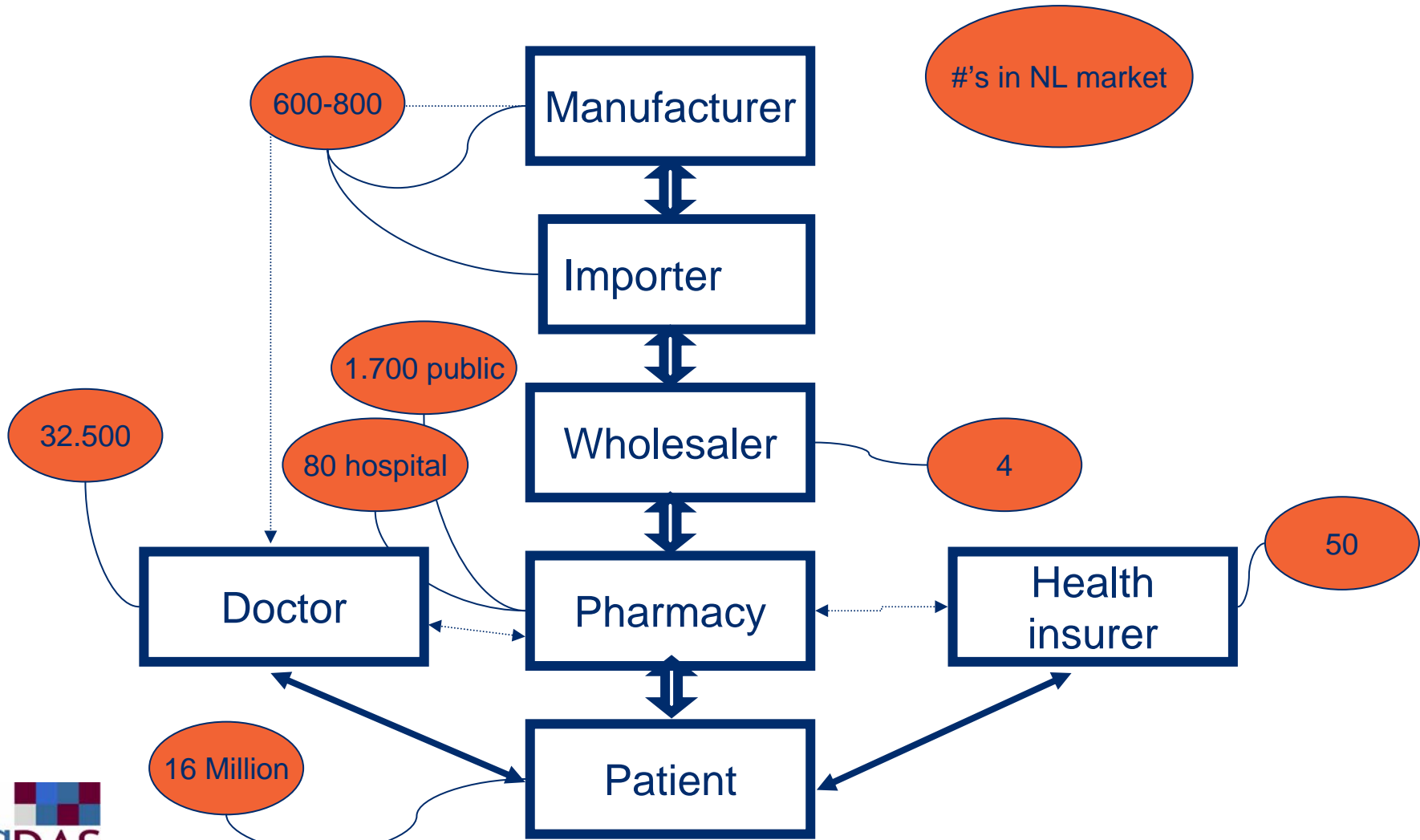
# Wanted: the GDSN healthcare extension !!

Berlin, 31 January 2007

Hein Gorter de Vries



# Healthcare supply chain





# Warranting the quality of medication

- In the late 1970's the KNMP (Association for the Advancement of Pharmacy) has created a database, the "G-standard"
- Objectives:
  - to maximise the medication safety for the patient by supporting the prescribing and dispensing process
  - to support the logistical and financial processes
- Contents: data on circa 80.000 products:
  - All (registered) medicinal products
  - OTC products
  - Medical devices
  - Homeopathic products

} dispensed by the pharmacies  
(public and in hospitals)
- Users:
  - Pharmacists (public & hospital)
  - Doctors (GP's & specialists)
  - Trade & industry
  - Government & health insurers



## Linking care and logistics:



Creation of **ZorgDAS** (“Data Alignment in healthcare”), with the following objectives:

- Stimulate the usage of the GS1 numbering system in the healthcare sector
- Organise the data synchronisation of logistical data
- Organise the reliable linkage between logistical data (identified by a GTIN) and medical (pharmaceutical) data (identified by a “ZI-registration” number)
- Take care of any other activities in support of the broad objective of improving the availability of reliable data in the healthcare supply chain

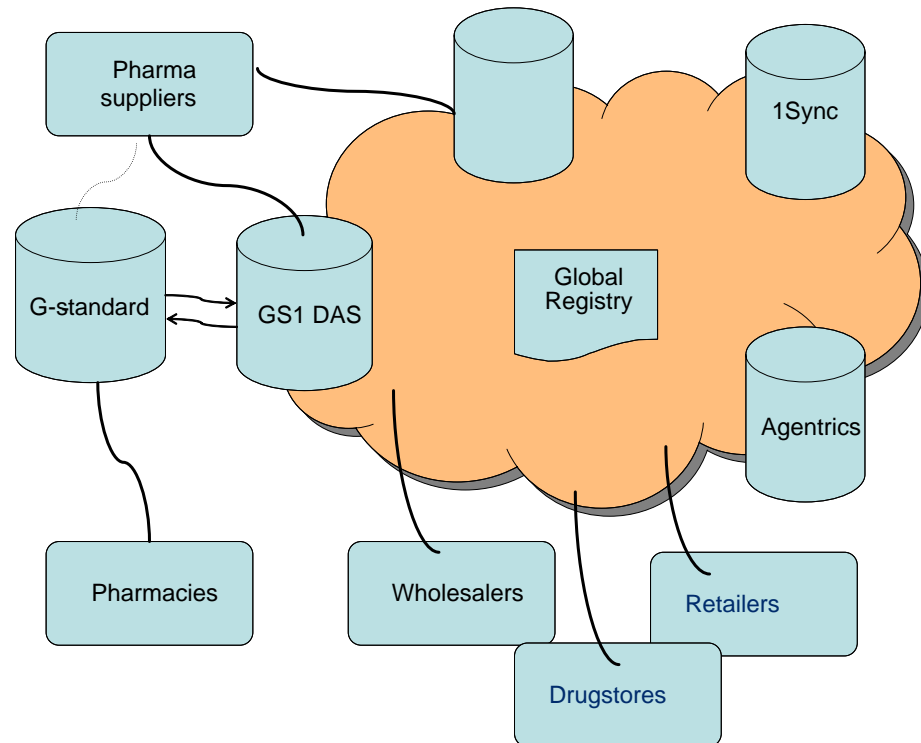
All associations of manufacturers, importers, wholesalers, hospitals and pharmacists participate.

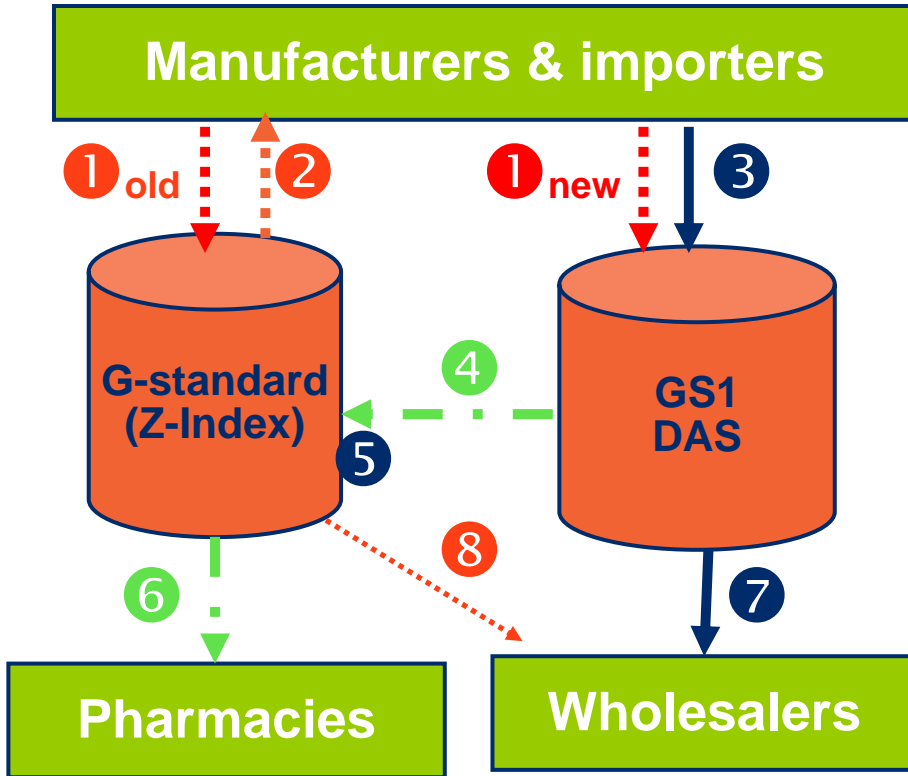




# How GS1 helps to solve issues

- Reduction of number of different coding schemes by increasing usage of GS1 GTIN
- Implementation of electronic business messages (order, despatch advice, invoice)
- Linkage of “G-standard” (the national pharma database) with GS1 DAS, *ultimately for access to GDSN*





1. Submission of medical data:
  - in current situation to G-standard
  - in new situation to GDSN (single point of entry)
2. Feed back of registration number
3. Submission of logistical data (in new situation combined with medical data)
4. Delivery of data from a GDSN compliant datapool to G-standard
5. Check of match of ZI-registration number and GTIN
6. Delivery of data to pharmacy
7. Delivery off logistical data plus ZI-registration number to wholesaler via GS1-DAS
8. Delivery of medical data via G-standard

- Logistical data**
- Medical data**
- Log. & med. data**



## Wanted: the GDSN healthcare extension !!

- To facilitate the international exchange of medical data between pharmaceutical manufacturers, wholesalers and the medical professionals (doctors and pharmacists) a **global standard** is needed.
- To facilitate the global distribution of medicines the definition of medical data should become GDSN compliant, requiring a **global standard**.
- The GS1 GDSN healthcare extension, once implemented, will prove to be the basis for a significant improvement of the quality and the efficiency of the medical supply chain and of the care provided to patients.
- We are ready to contribute!



Nederland

# Contact

Hein Gorter de Vries  
E [hein.gorterdevries@gs1.nl](mailto:hein.gorterdevries@gs1.nl)

Friso van Weelden  
E [friso.vanweelden@gs1.nl](mailto:friso.vanweelden@gs1.nl)

Tourniairestraat 3  
1065 KK Amsterdam  
Postbus 90445  
1006 BK Amsterdam  
T +31 (0)20 511 38 20  
F +31 (0)20 511 38 30

Customer Service  
T +31 (0)20 511 38 88  
I [www.gs1.nl](http://www.gs1.nl)