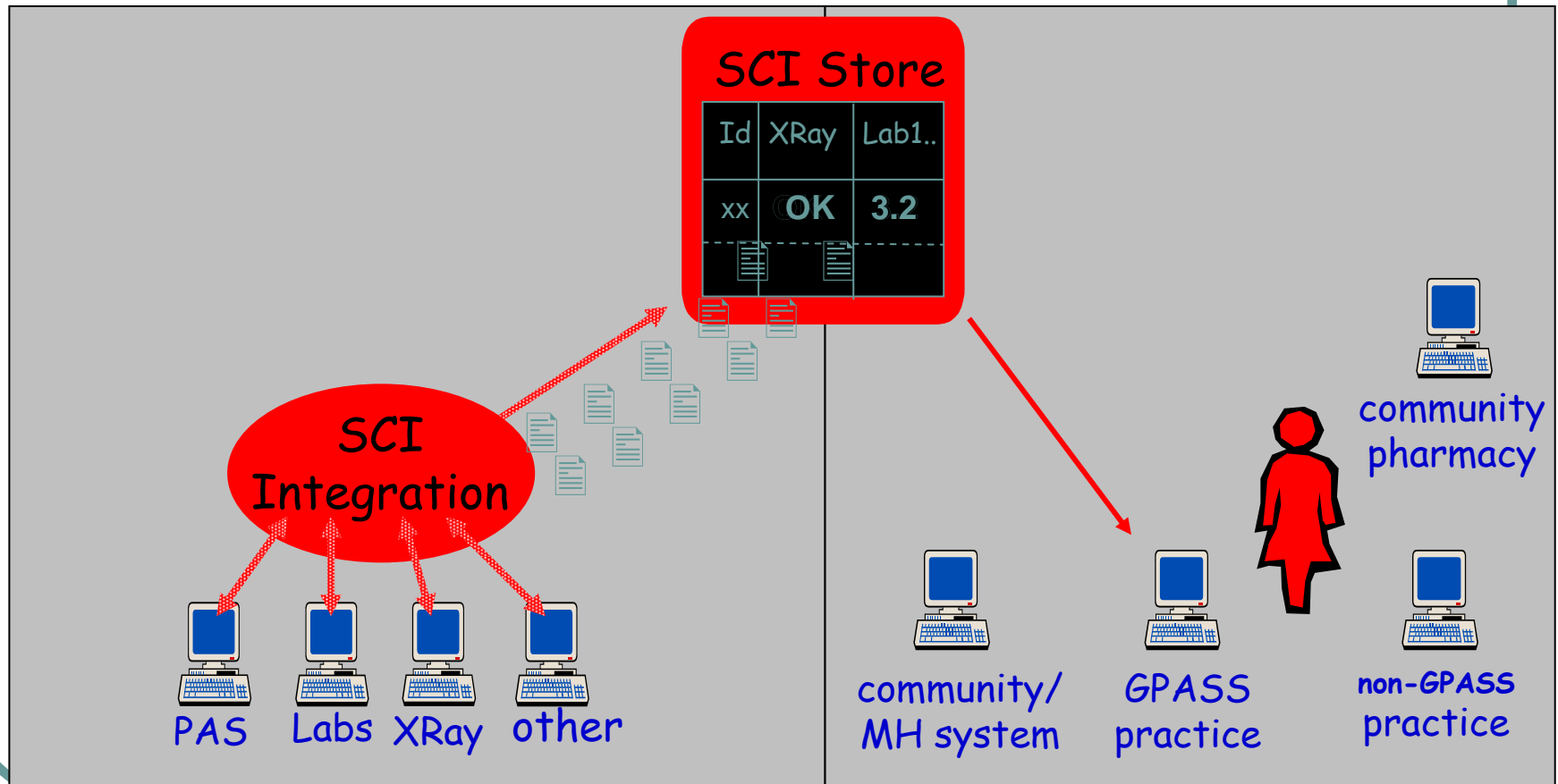


# Scottish NHS Standards for message services

**Paul Woolman**

**Clinical Information Standards Manager  
ISD**

# A bit of History...



# Electronic Data Interchange

- Moving data from one computer to another
- Eg Patient referral from GP to hospital
- Eg GP record exchange

# GP records exchange

- Patient moves house or changes GP
- Paper Records follow 4+ weeks later
- Electronic exchange is quicker
- GPASS 80% sites able to do limited transfer of record via GPEX
- Bespoke to GPASS systems only

# Community Health Index (CHI)

- XML messages
- Find patient
- Register new patient
- Successfully used for new babies via Scottish Birth Record

# SCI web services

- Electronic Transmission of Prescriptions
- Referrals through Gateway
- SCI Store web services
- Demographics
- Lab results to GP's
  
- Over 60 3<sup>rd</sup> party applications consuming SCI web services

# Priorities

- Discharge letters
- Referral letters
- Laboratory results
- CHI
- Clinic letters

# Document Metadata

- Data about data...descriptions eg keywords
- Descriptive headings about documents
- Useful for filing, searching and cataloguing
- E-Government metadata standard
- HL7 Clinical Document Architecture
- need NHS Scotland standards

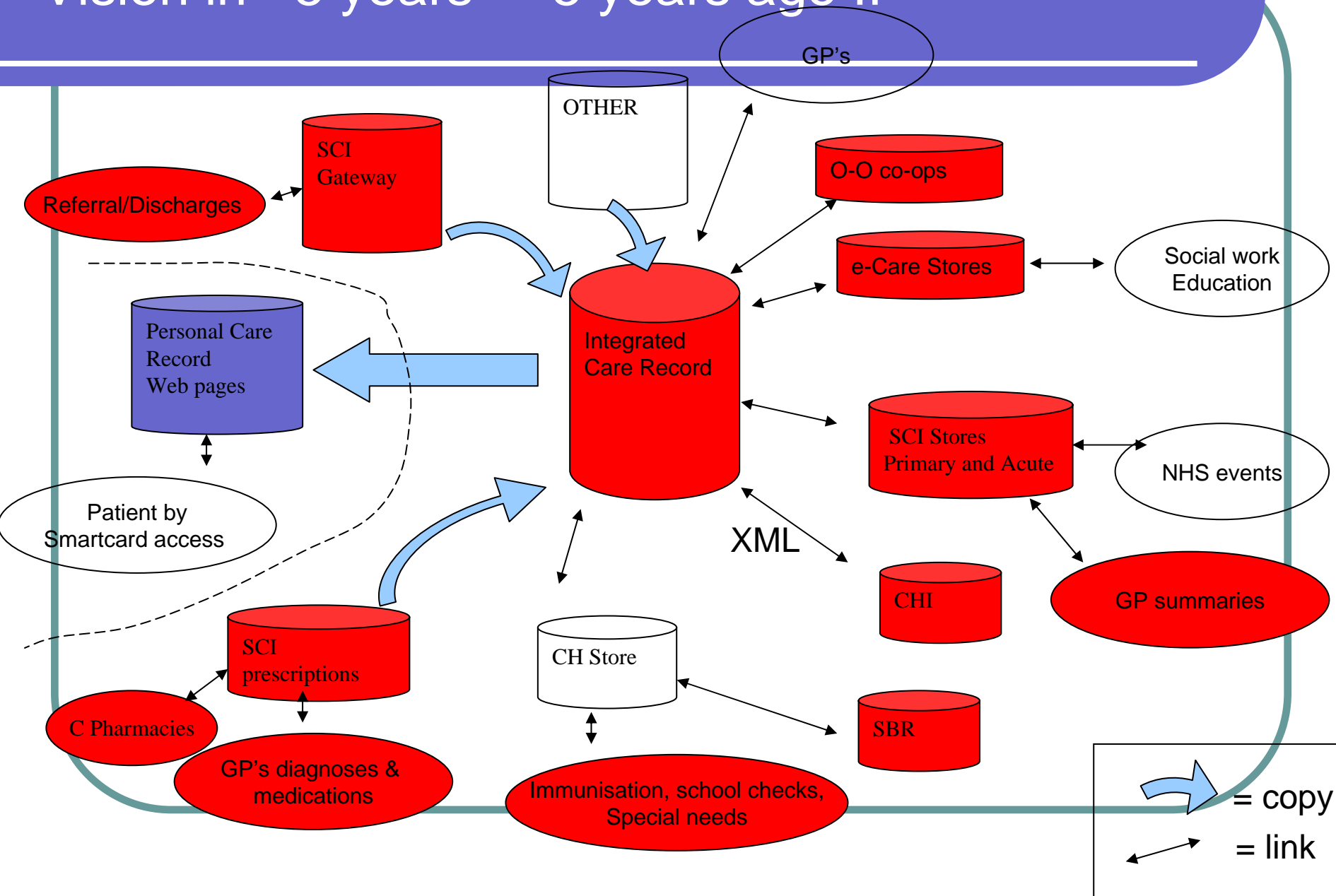
# NHS Data Dictionary

- Data definitions on web
- XML export selected definitions
- UML models designing XML schema & refer to data definitions.
- New dictionary to tie all three together

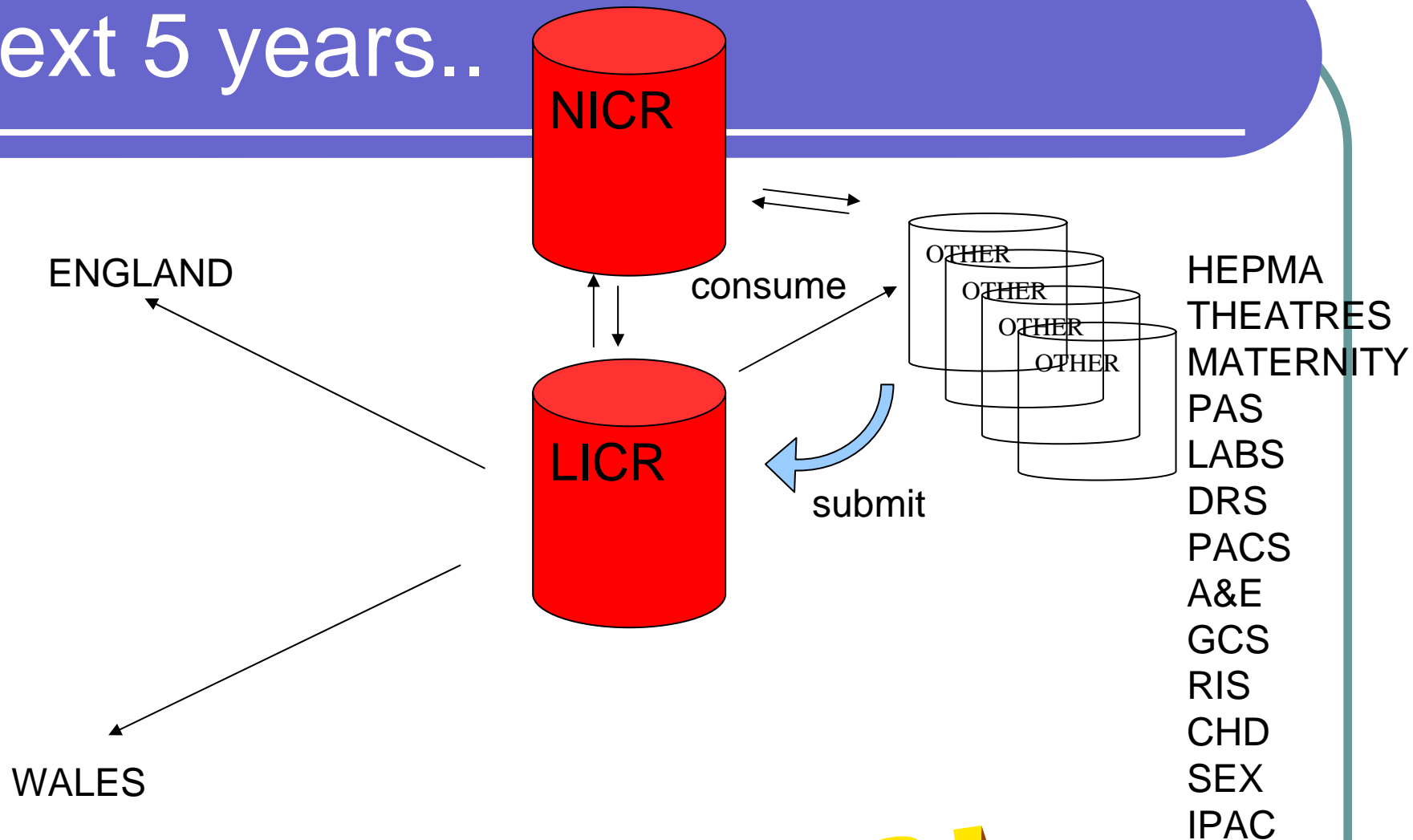
# Results

- Referral, Discharge, Labs standards from 2002
- OVER 70% REFERRALS VIA GATEWAY
- document metadata standards 2004, 2006
- Lots of other ad-hoc bespoke message development

# Vision in ~5 years - 5 years ago !!



# Next 5 years..



## CHALLENGES !