



The National e-Health Program in Taiwan - Sharing Happy Health and Long Life for all via e-Health

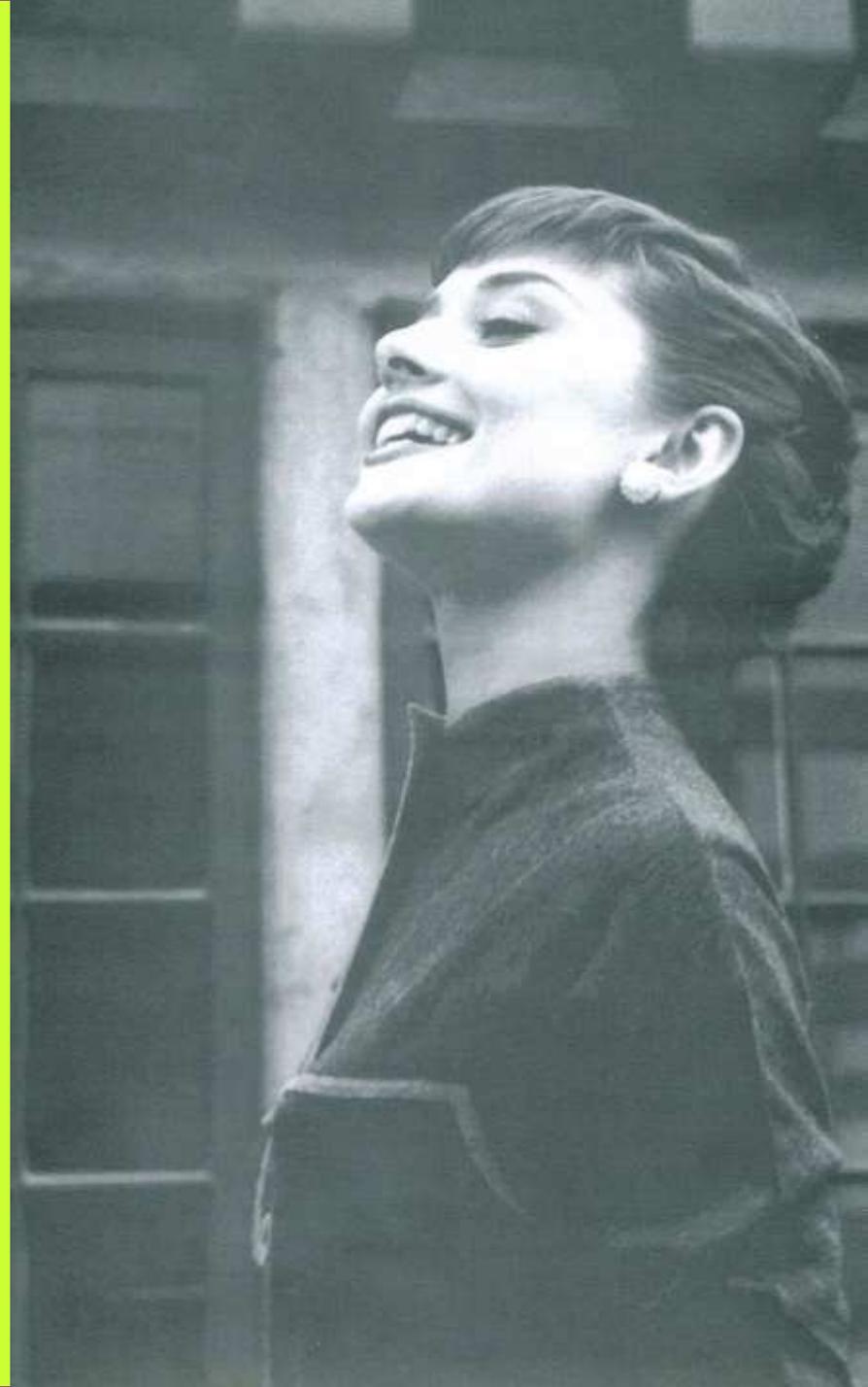


Happiness

“The most important thing
is to enjoy your life
- to be *happy*”

“I heard a definition once:
Happiness is health and
a short memory!”

- *Audrey Hepburn*

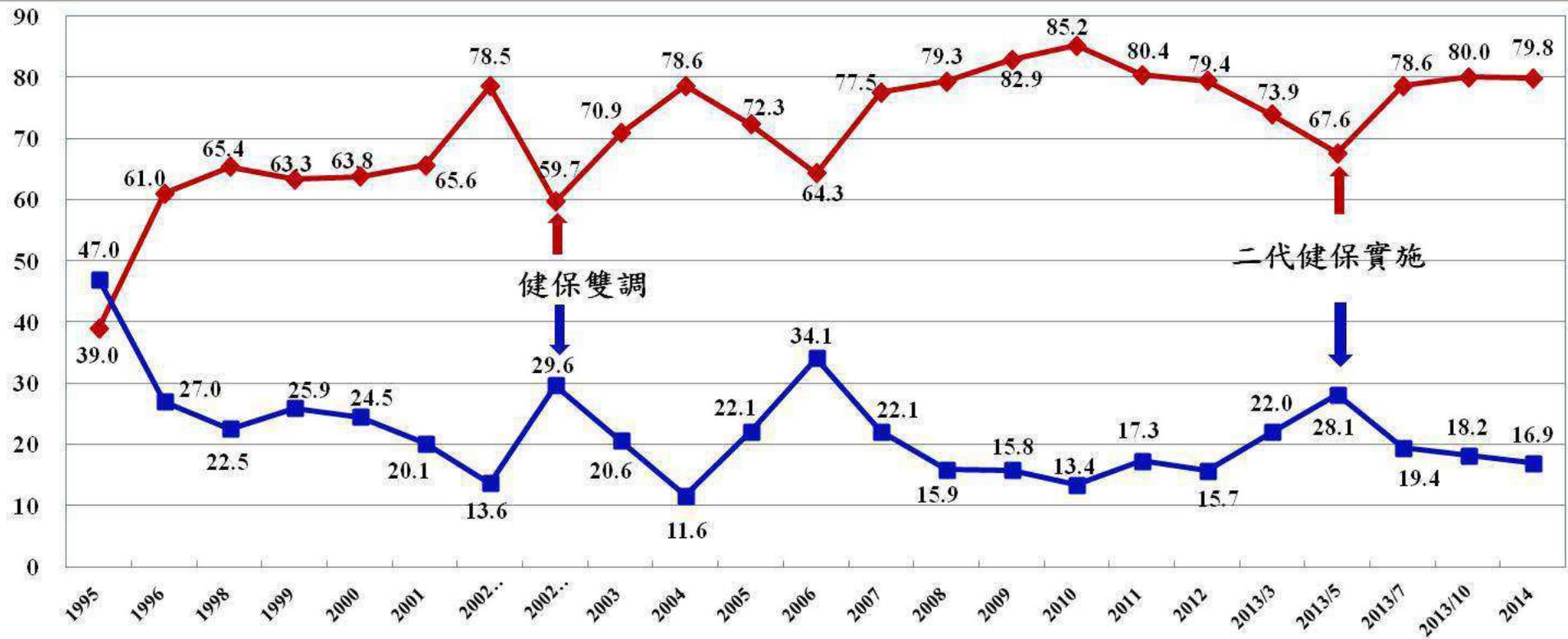


e-Government Networks in Taiwan

- e-Government Service Platform (GSP) Project
- Household and Citizen ID Administration Project
- Land Administration Project
- Taxation Administration e-Service Project
- Vehicle Registration Administration e-Service Project
- Industry and Commerce Administration e-Service Project
- **National e-Health Program Project**
- e-Passport Information Project
- e-Agriculture Project
- e-IP Rights Project
- e-Transportation
- e-Projects for all central and regional government

NHI Public Satisfaction Rate

National Health Insurance System (1995 – 2014)



Satisfied

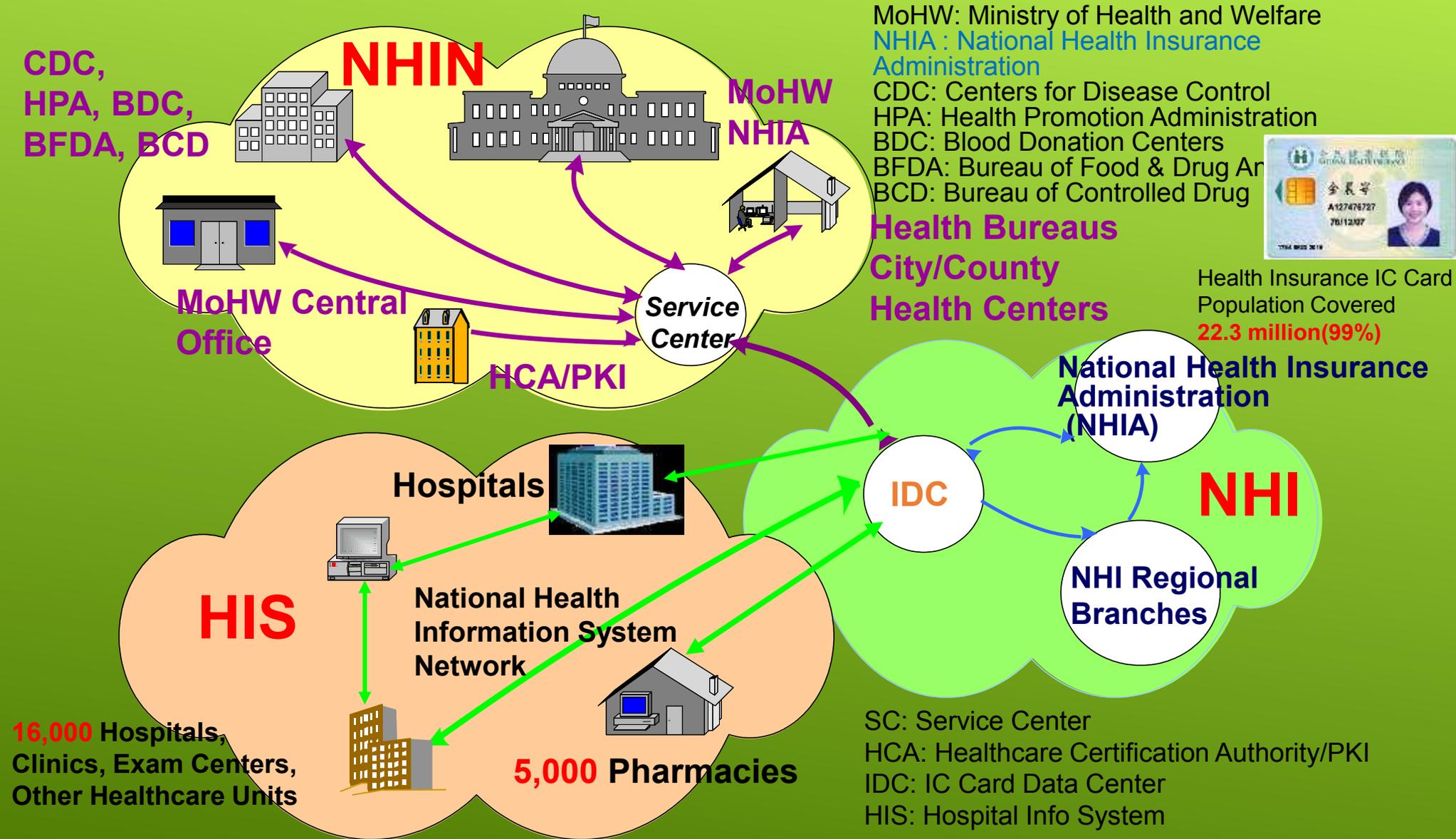


Not Satisfied

National e-Health Program in Taiwan

1. National Health Information Network (NHIN)
2. National Health Insurance Systems (NHIS)
3. Integrated Hospital Information Systems (HIS)
4. Advanced Intelligent Health Management & Services

National e-Health Program in Taiwan

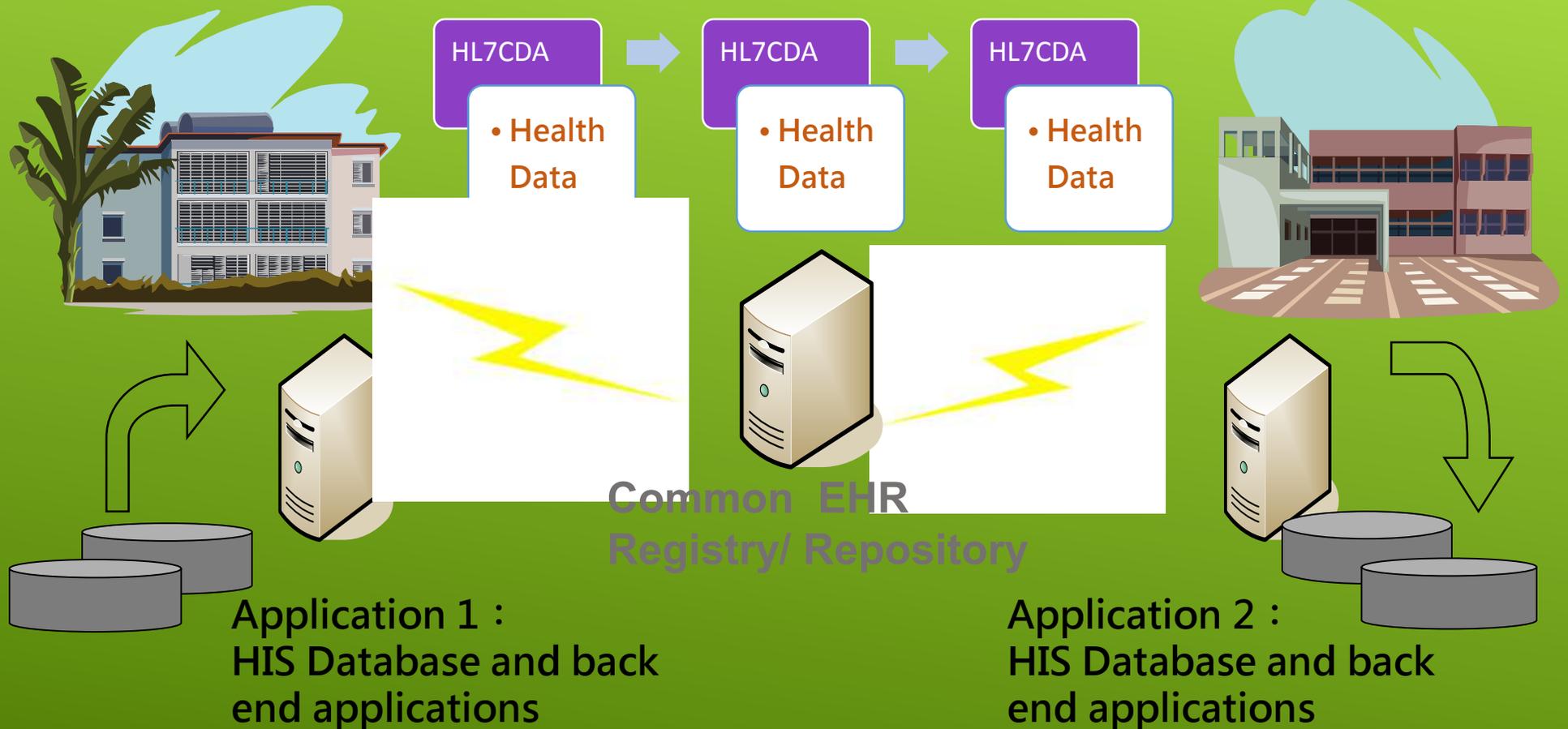


EHR Interoperability

Hospital A

Hospital B

Mutual Authentic/Transmitting



Project Scope & System Architecture

1. Public Application Systems

- Offer intra and inter regional data transmission services and database inquiry services
- Medical Affairs Management
- National Vaccination Information System
- Infectious Disease Reporting Management
- EMSMS (Emergency Medical Service Management System)
- Long-term Care Information Network

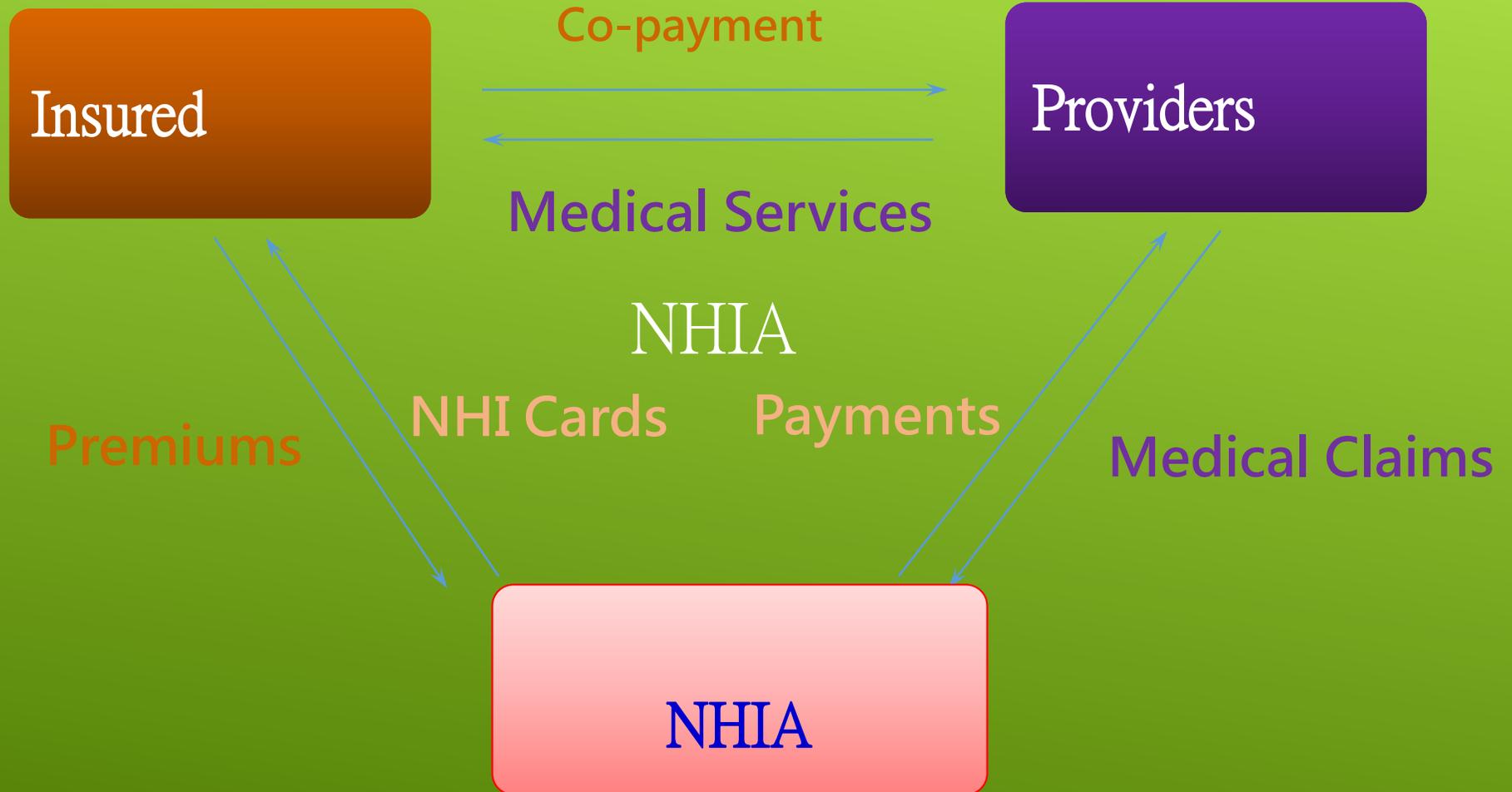
2. Shared Local Systems

- Develop common medical and health information system
- Include Hospital Information Systems, Primary Health Information System, Health Bureau Information System, etc.

3. Interface Systems

- Establish network transmission protocols and data transmission standards, as well as connected units' isolated application systems and interface specifications of public systems

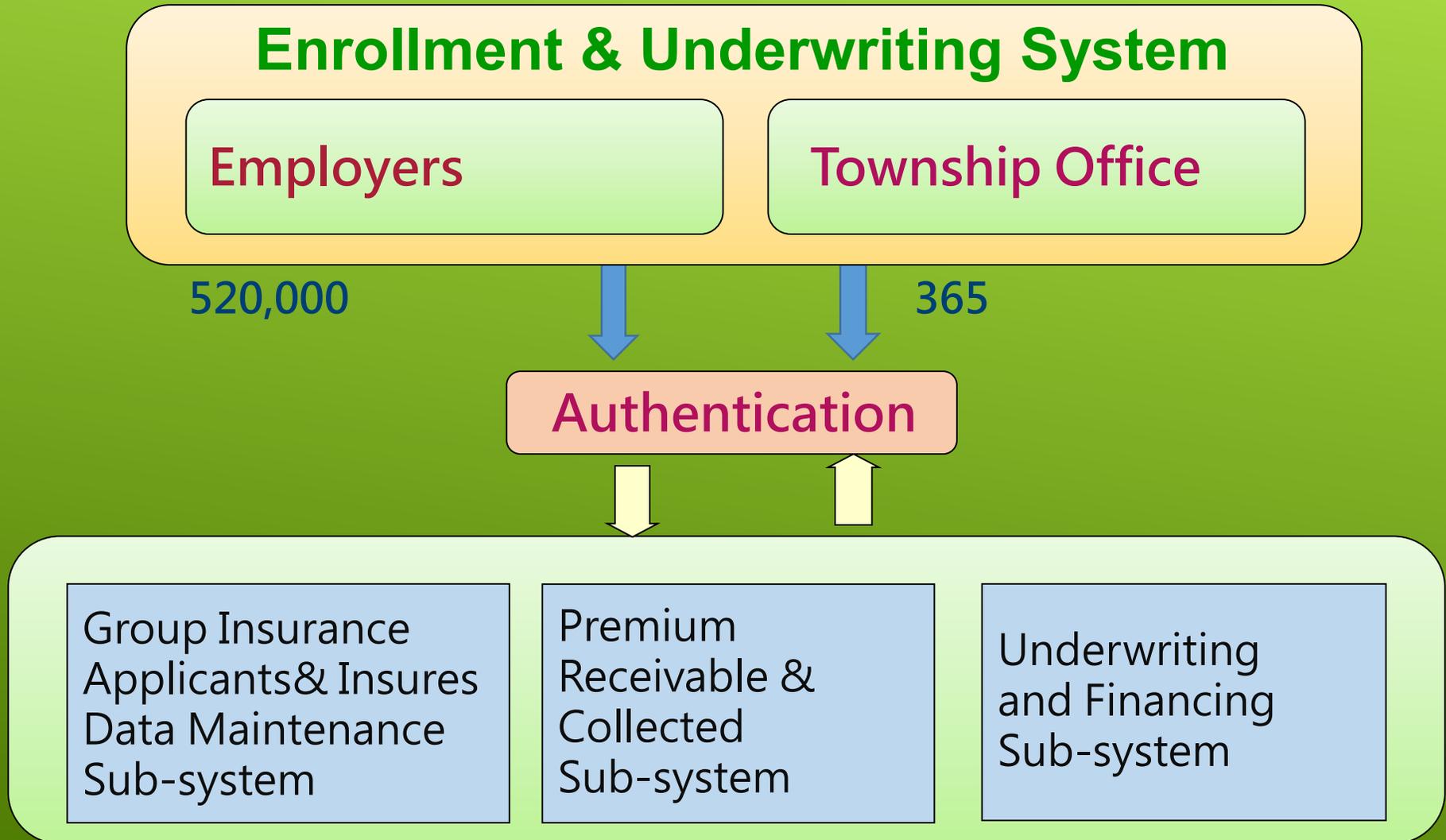
The NHI Administrative Framework



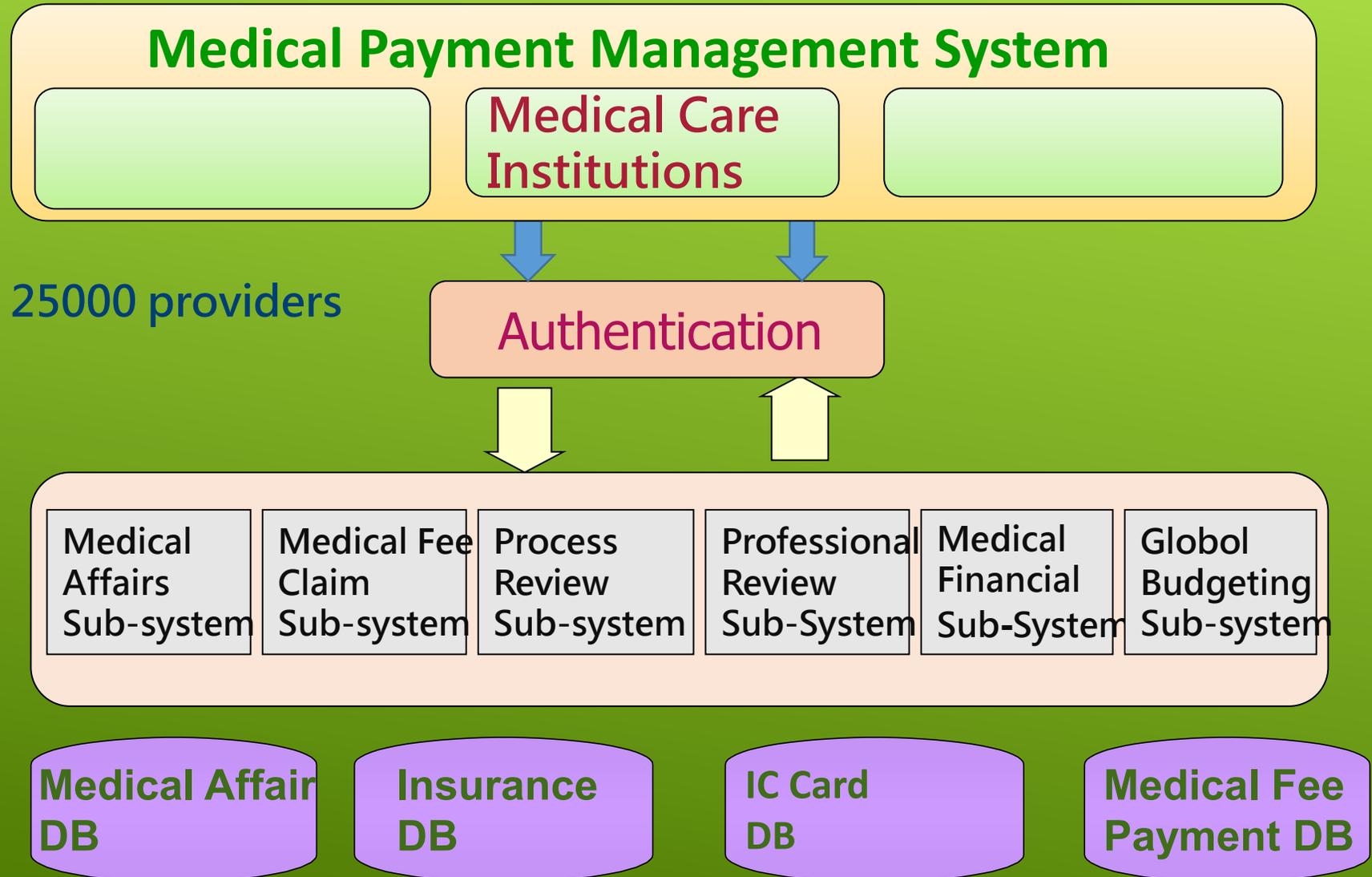
High Volume Transactions

- 23M insured (Almost total population, also including expats and foreign workers)
- More than 520K employers
- 25K medical care providers
- About US\$100M medical claim per month (US\$1200M medical claim per year)
- 365 Township/City/District offices
- Total offices of NHI: 21
- Total staffs of NHI: 3000

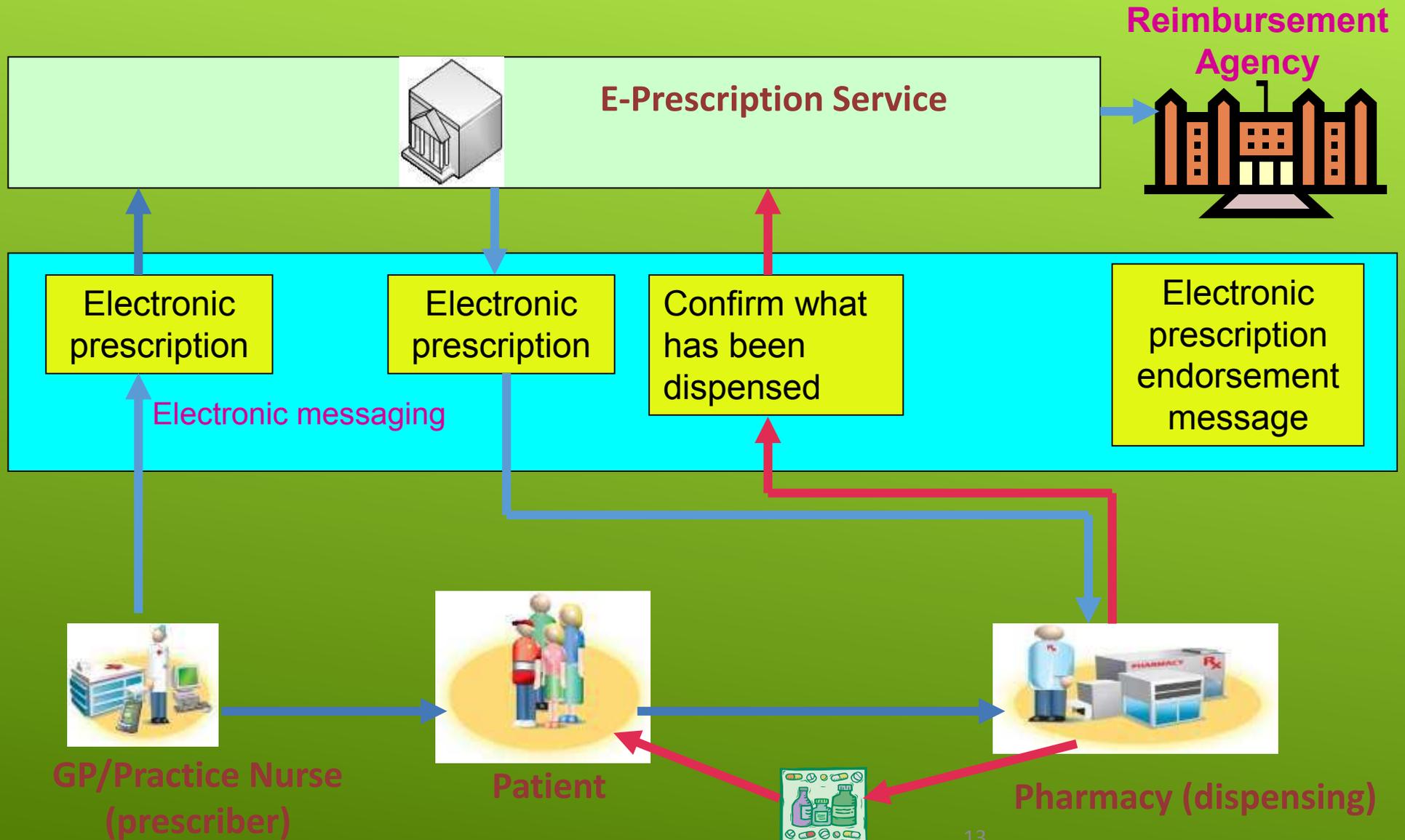
National Health Insurance System - Premium



National Health Insurance System - Payment



e-Prescription





e-Diagnosis
e-Prescription





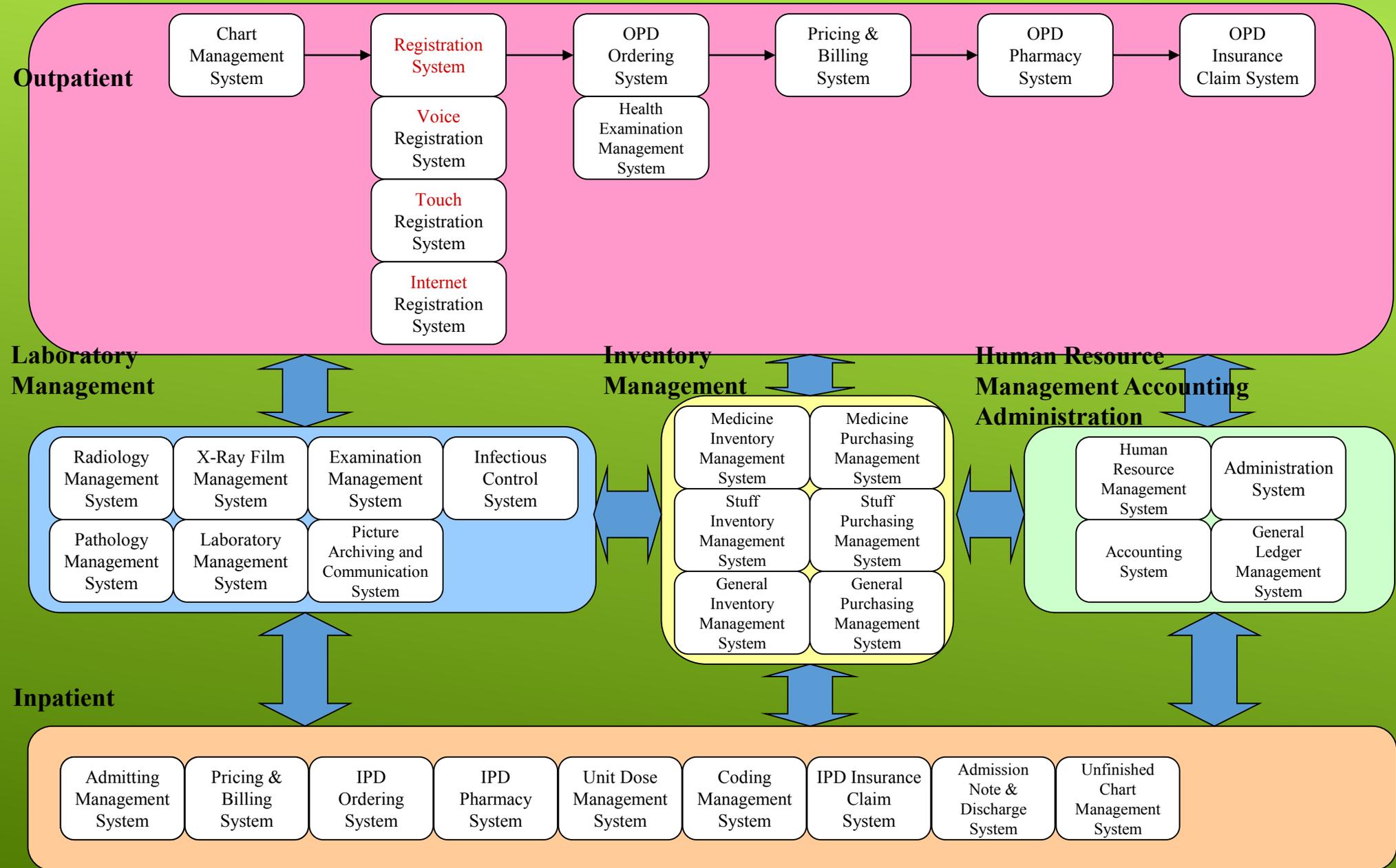
e-Pharmacy

Mobility Medical Services in remote villages

- Setup 31 wireless access points in remote villages
- Bring mobility medical services into communities
- Treat locally but access medical data live from hospitals



Integrated Hospital Information System (HIS)



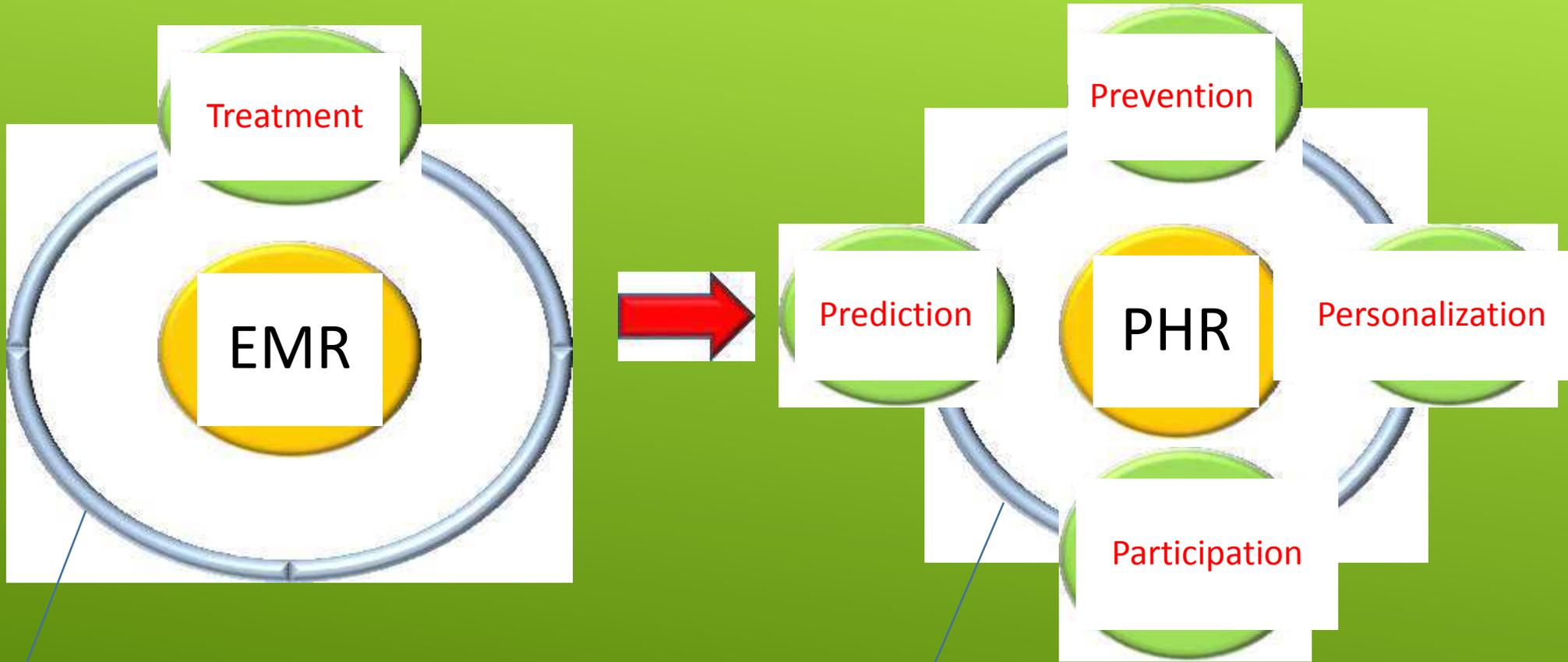
One Glass a



<https://www.facebook.com/BBSLIKE>

醫生說只能喝一杯

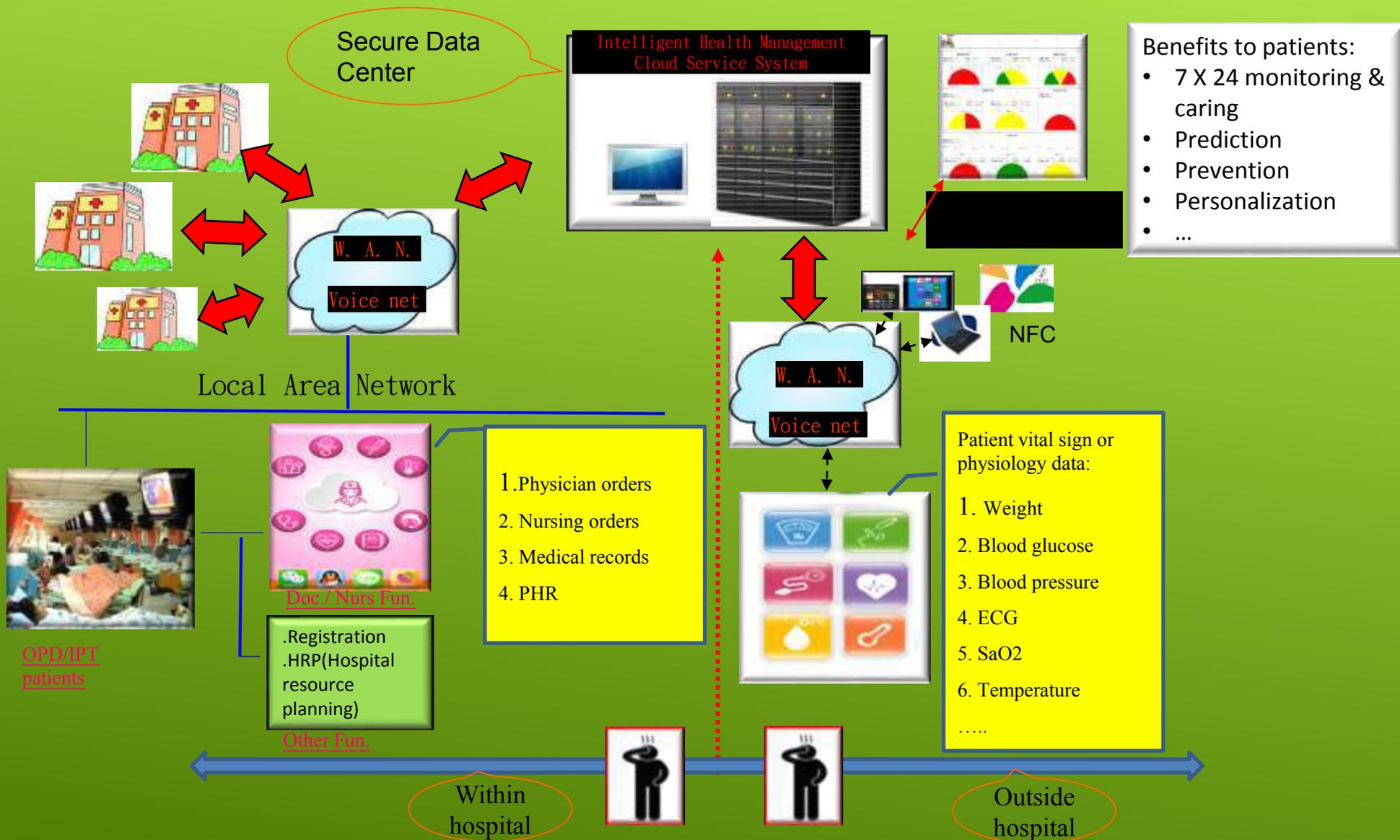
Advanced Intelligent Health Management & Services



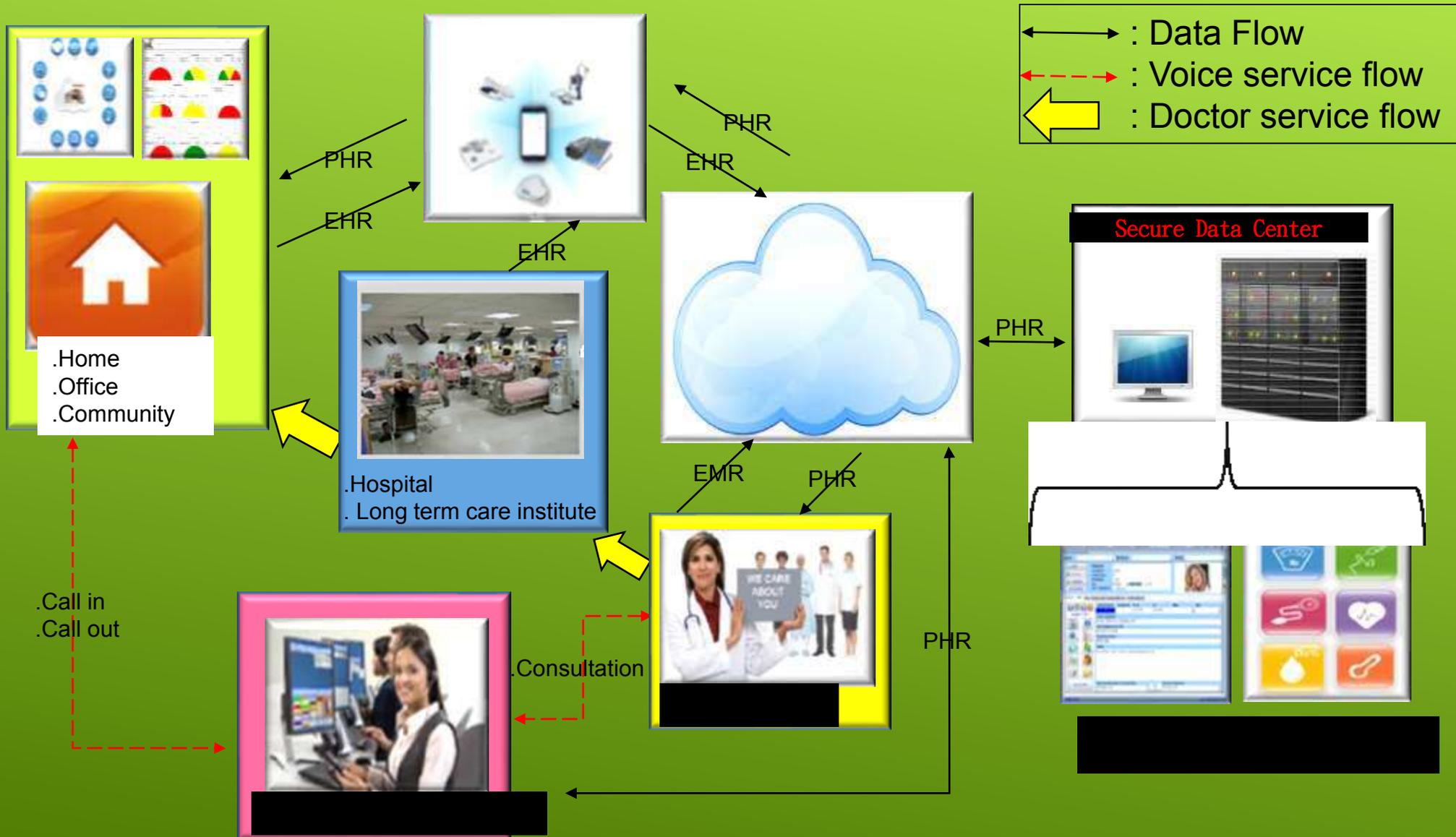
- Disease treatment
- Within hospital

- Health management
- Health & Happiness for life time

Health Management Service Platform



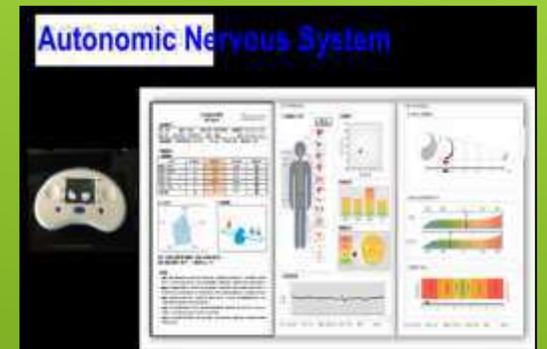
Health Management Service Model



Mobility Health Caring Kits



- Easy to use
- Auto data upload



Electrocardiography

.....

Personal Health Management



Mobile phone

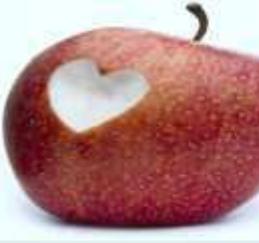


Red or yellow indicates contacting service providers for consultation or caring

Benefits & Ubiquitous Health Management Services



- O2O(Online to Offline) full range Health Management & Services
- mHealth (Mobility Health) for anytime(7X24) and everywhere health services
- Increase performance of service providers(hospital, clinic, etc.) via integration with HIS, HRP and BI
- Healthy and Happy Life by high quality health services



Your goal is your way

We love, Therefore we live

我們愛，故我們在

Thank You for listening

Robert Ho

Director of Economic Division

Taipeh Vertretung in Berlin

ygho@moea.gov.tw