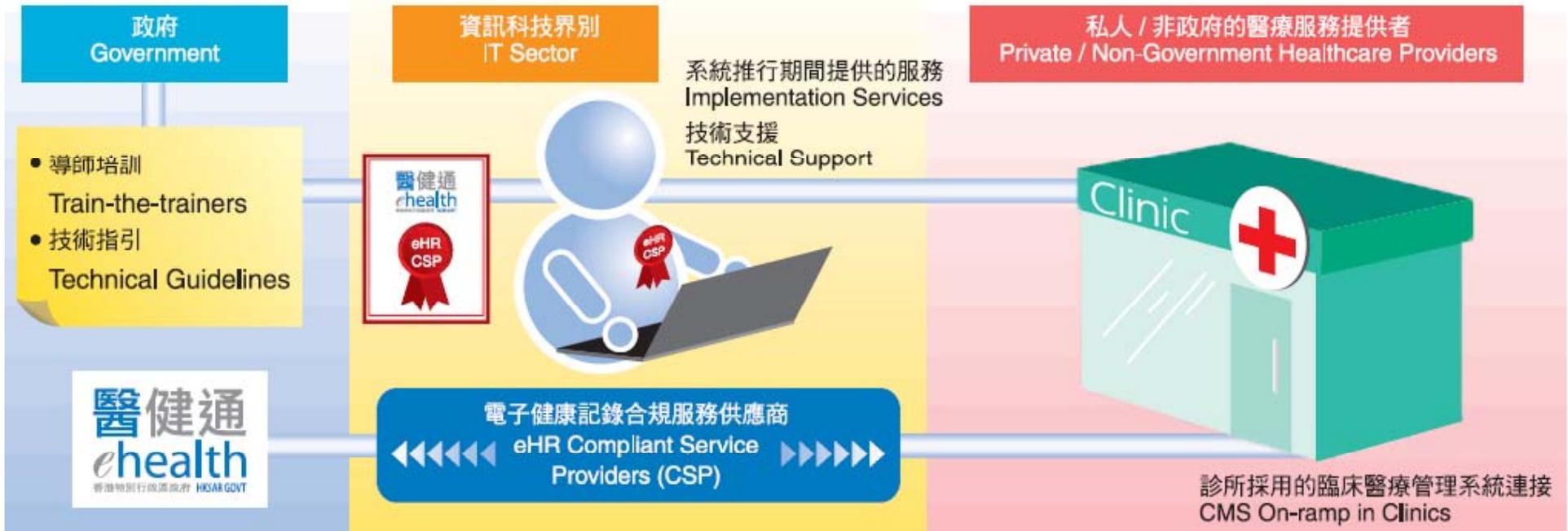


透過「電子健康記錄合規服務供應商」計劃參與裝置臨床醫療管理系統的擴展系統  
Deploy CMS Extension Systems through eHR CSP Scheme



COMPLIANT  
SERVICE PROVIDER (CSP) SCHEME  
BRIEFING ON 10 SEP 2012

# AGENDA

- CSP Role and Responsibility
- Technical Requirement for CSP
- Training and Support by eHR-OB
- CMS On-ramp Architecture and eHR Connectivity
- CMS On-ramp Functionality and Demonstration

# CSP ROLES AND RESPONSIBILITIES (MANDATORY)

- CMS On-ramp *application installation, setup and update*
- On-going *support and maintenance*
- Conduct *end-user training*
- Deploy *communication module to eHR Core Sharing Platform*
- *Contact point* between eHR Sharing System Operating Body (eHR-OB) and clinics
- Conduct *Security and Risk Analysis, on-going security audit* on computer systems in clinics

# CSP ROLES AND RESPONSIBILITIES (OPTIONAL)

- *Further enhance CMS On-ramp* to extend the functionalities
- Provide *hardware, software* setup and maintenance
- Provide *server hosting* when requested by clinics
- Assist clinics in *data migration*

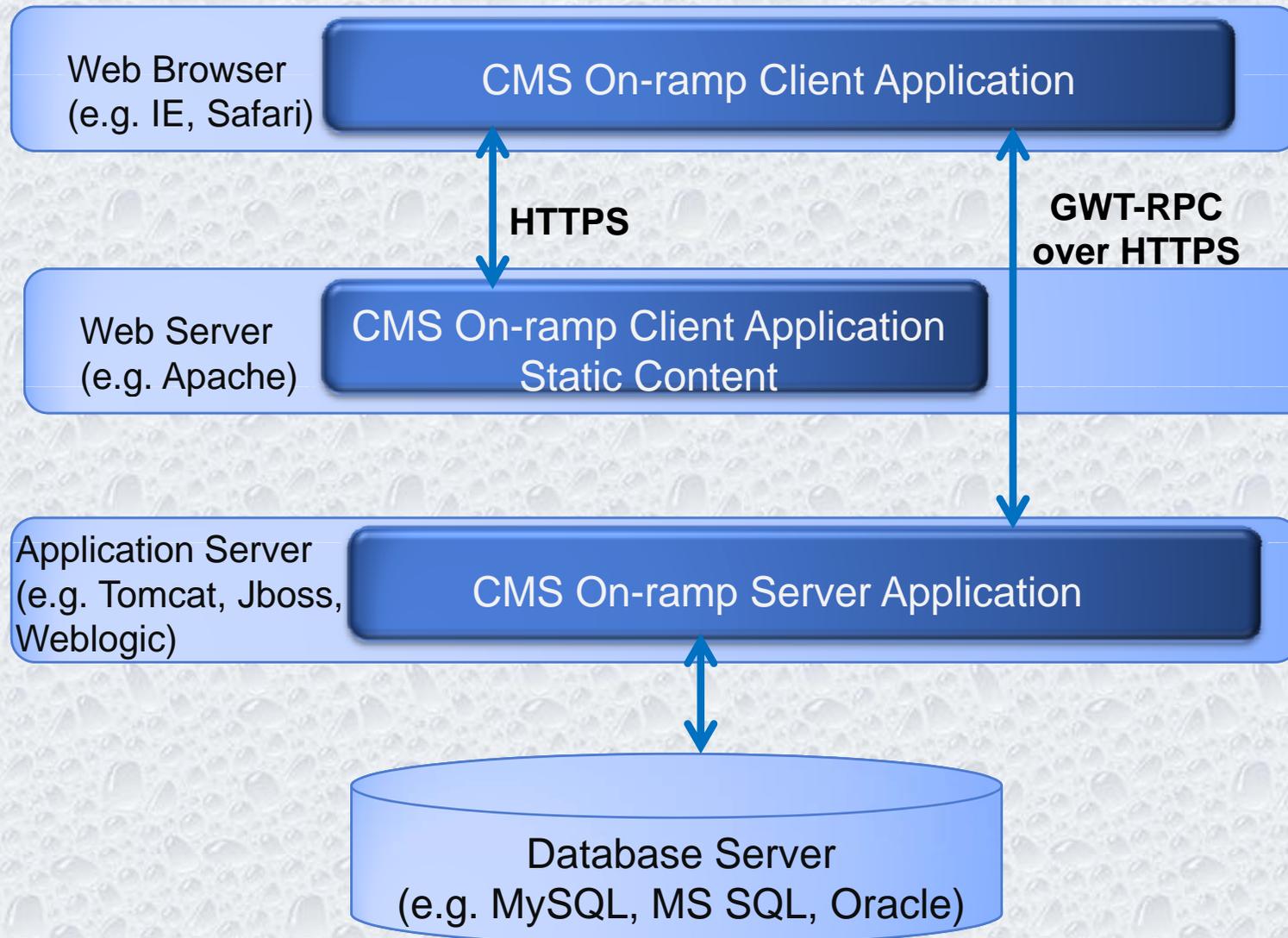
# TECHNICAL REQUIREMENT OF CSP

- **IT system implementation and support experience**
- **Experience in health care services is preferred**
- **Knowledge on data privacy and security policies**
- **IT Knowledge**
  - OS (Windows XP, Vista, 7 and Mac OS)
  - Application Server (Tomcat, Jboss and WebLogic, etc.)
  - Web Server (Apache HTTP Server, etc.)
  - Database (MySQL, MSSQL, Oracle, etc.)
  - Staff with IT certification, e.g. MCSE/MCP is a bonus

## TRAINING AND SUPPORT BY EHR-OB

- Provide training courses *on an as-and-when-required* basis
- Trained staff of eHR CSPs are required to attend *refreshment course* on regular basis
- *Assessment tests* after the trainings
- Bug fix on CMS On-ramp application
- Provide Technology Know-how service

# SYSTEM ARCHITECTURE DESIGN



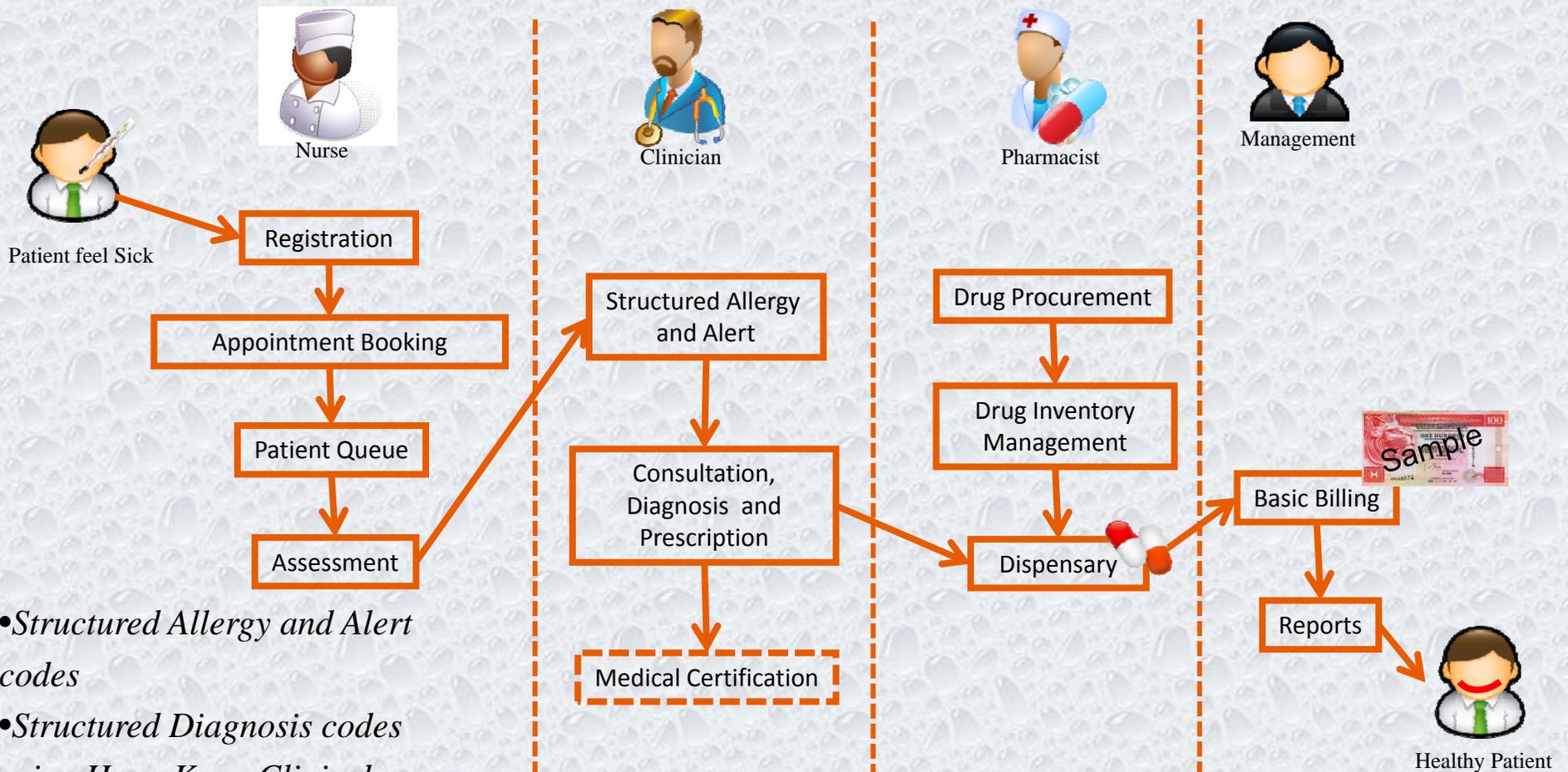
# EHR CONNECTIVITY

- **eHR-OB provide CMS On-ramp Adaptor to communicate with eHR Core sharing platform**

## Features

- Authentication
- Clinical and Terminology Dictionaries
- Access to eHR portal
- Upload Sharable Data to eHR
- Download Sharable Data from eHR
- Patch Management

# CMS ON-RAMP SYSTEM FUNCTIONS AND WORKFLOW



- *Structured Allergy and Alert codes*
- *Structured Diagnosis codes using Hong Kong Clinical Terminology Table (HKCTT)*
- *Drug Profile using Hong Kong Medication Terminology Table (HKMTT)*

**THANK YOU!**