



Huawei Cloud-Based Healthcare Solution

HUAWEI TECHNOLOGIES CO., LTD.



The Challenge of Healthcare



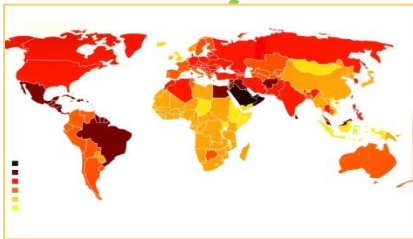
Resources unevenly distributed



Shortage of medical professionals

T	Pain	50mg x 4
T	Paracetamol	1gr x 4
T	Magny	150mg x 1
in	Mix Food	16 12. mond
in	Insulin	61.2. 1090
T	Magny	1gr x 1

Lack of Information Technology
More medical malpractice



Epidemic monitoring platform imperfect
Emerging threat of public health



Lack of preventive



Low efficiency in running medical resources



Medical channels for a single



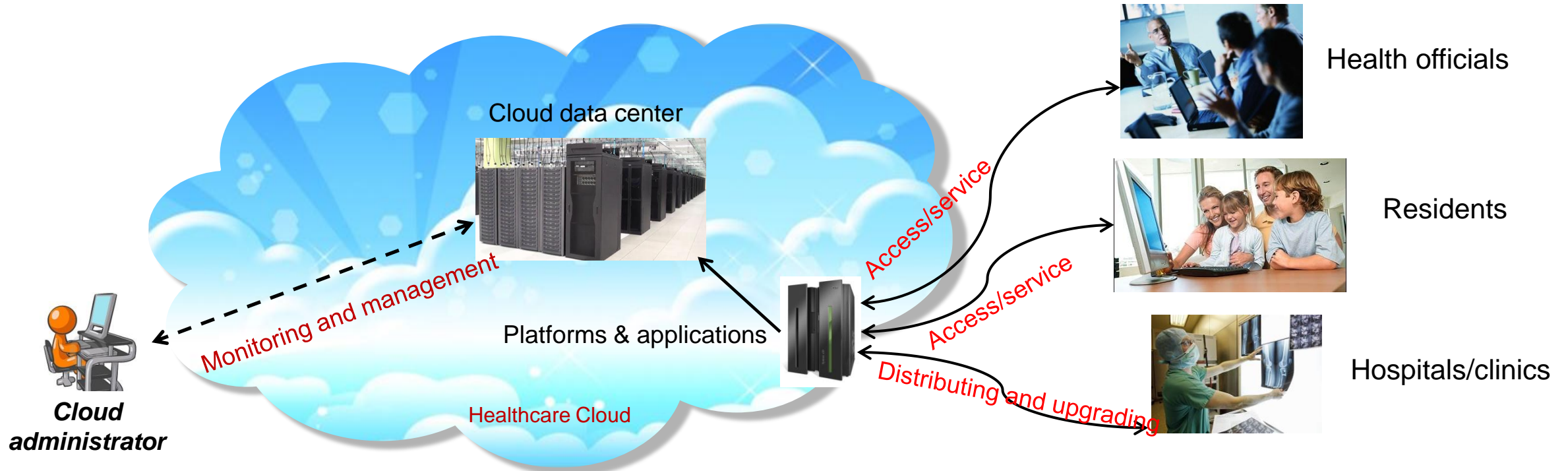
Growing Population

Healthcare Information Trends

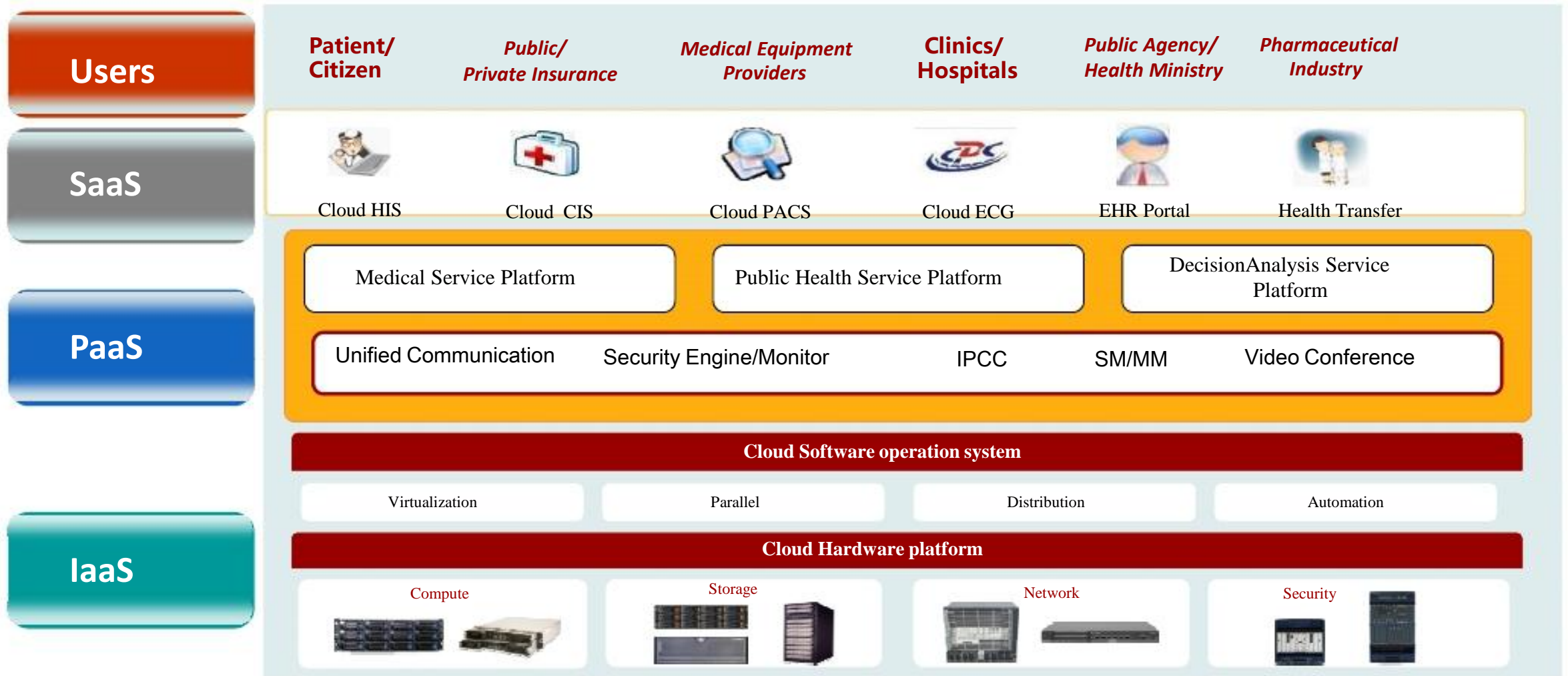


Understanding for Healthcare Cloud

- Healthcare cloud is the cloud computing solution in medical industry
- It is unified hospital information system deployment and unified medical and health data storage, and is also a methodology for IT infrastructure management and applications. It presents businesses, applications, and IT resources to end users as services based on the Web. End users can access customized service



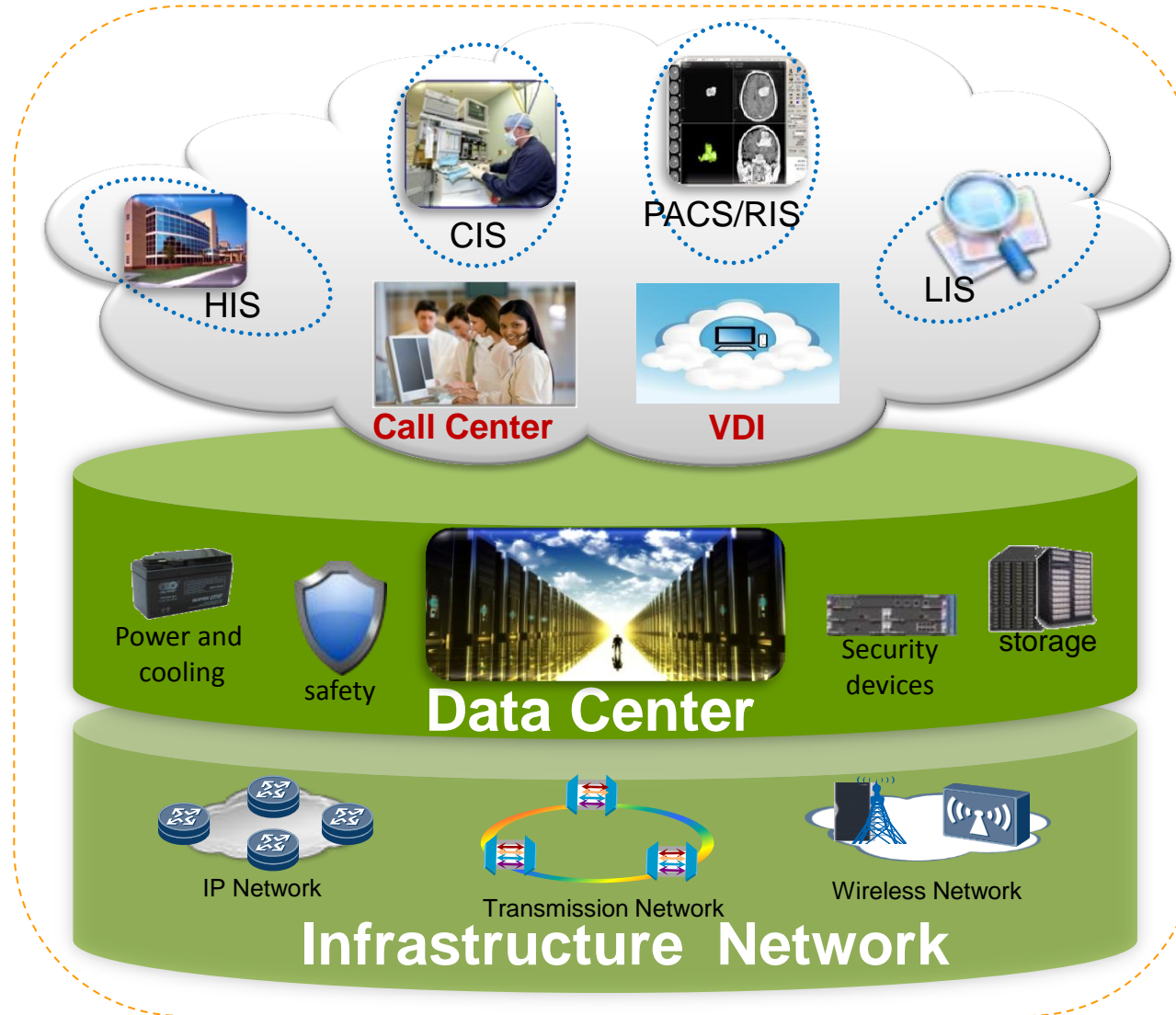
Architecture of Huawei Healthcare Cloud



Networking of Huawei Healthcare Cloud

Challenge

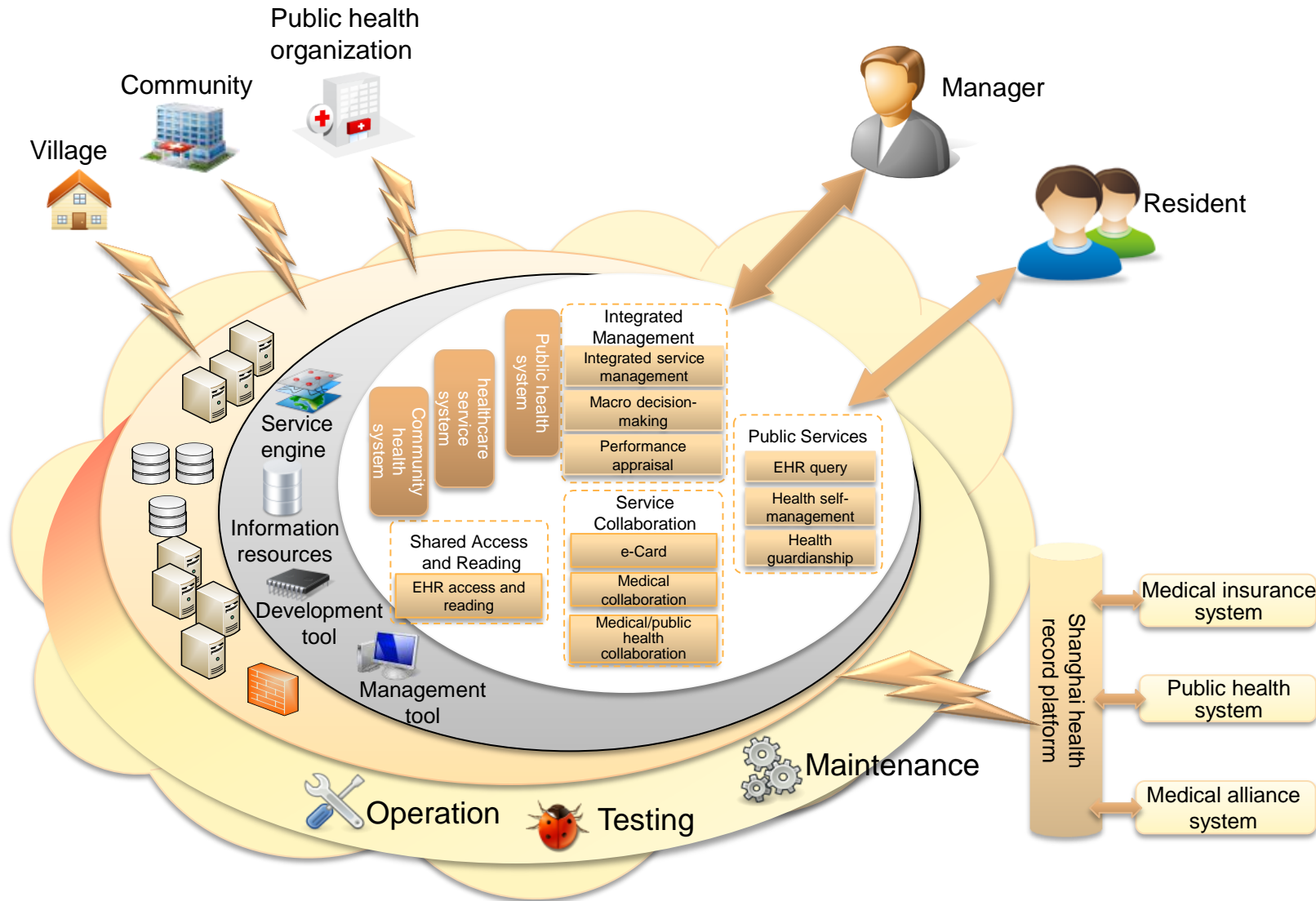
- Patient medical treatment difficulties
- Inefficiency of medical treatment
- Leaking of medical information
- Busy emergency hotline
- Waste of medical resources



Benefits

- **Business:**
 - Improve the efficiency of hospital operations
 - Save more resources
- **Security:**
 - Improve patient privacy
 - Improve the reliability of the operation
- **Service:**
 - Patient satisfaction
 - Faster emergency response

Case study :Shanghai Hospital Health Cloud



Challenges:

- Unsatisfied the quality of hospital services
- Lacking enough IT support
- Prone to human errors

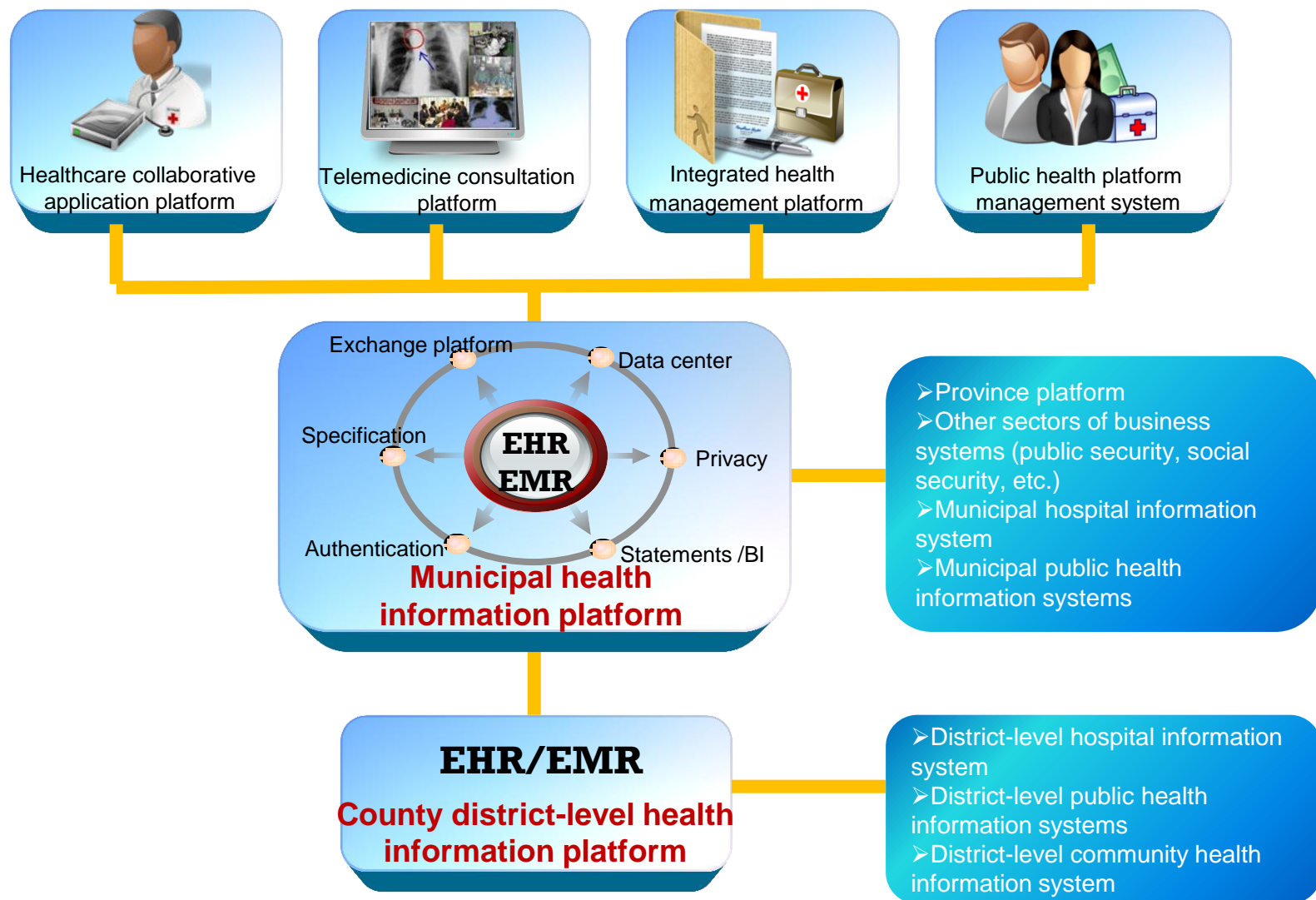
Solution:

- Tier-by-tier deployment, openness, and interoperability
- Modularization data center and technical security support
- Integrated deployment specifically for hospital customers with insufficient IT expertise.

Benefit:

- Patient satisfaction improving
 - fast registration
 - fast payment
 - fast dispensary
- Cost reduction :
 - 70% in power
 - 75% saving in space
- Uninterrupted services.

Chongqing Regional Health Platform Primary Stage



Challenges:

- Lack of network of health
- Lack of health information sharing

Solution:

- Regional centers with high-end routers and wide-area network interconnection.
- Platform at all levels using high-end switches to connect the regional central server, providing region-wide sharing of health records access

Benefit for customers :

- Interconnection, sharing of information
- Health regional information platform can support a variety of business



Thank you

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