

Đơn vị Bảo trợ
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VIETNAM ICT OUTLOOK
2016



Đơn vị Tổ chức



HỘI THẢO TOÀN CẢNH CNTT-TT VIỆT NAM LẦN THỨ 21

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KẾT NỐI THÔNG MINH TRONG DOANH NGHIỆP CHĂM SÓC SỨC KHỎE

Diễn giả: Ông **JOHN MA**
Chuyên gia cao cấp Giải pháp Y tế,
Chăm sóc sức khỏe Khu vực Châu Á - Thái bình dương
Hitachi Data Systems



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Hitachi Cloud Services Connection - Healthcare

Intelligently Connecting the Healthcare Enterprise

 **Hitachi Data Systems**

The Objective: Improve Patient Care

- Provide better patient care
 - Make decisions based on entire patient record
 - Improve data sharing with caregivers
- Improve quality of care
 - Make more informed decisions
 - Utilize new technologies faster
- Reduce costs
 - Identify best practices for care



Challenges



How do we see all the patient's data?

How do we simplify our workflows?

How do we become more efficient?

How do we implement new technologies?

How do we share patient results?

Improving Patient Care

Access the entire patient record

- **View all of the patient's record regardless of where it was generated**
 - Utilize an interoperable data environment
 - View all of the data in a single pane
 - Capture content from within the enterprise and without
- **Engage with the community caregivers**
 - Securely share and exchange data
 - Enhance the workflow of caregivers
- **Provide actionable insight to the data**
 - Improve efficiencies through proven best practices
 - Utilize analytics for delivery of personalized medicine

Use the technology available

- **Enable better care delivery utilizing technology**
 - Access data through mobile devices
 - Have clinical decision support tools available
- **Meet regulatory and professional requirements regarding patient data**
 - Ensure patient data is kept secure and private
 - Share clinical results with those authorized caregivers
- **Improve levels of care**
 - Make better informed decisions with the use of data

What if
the entire patient record
you could
and become more efficient
see...
while improving patient care?



Hitachi Data Systems (HDS) in Healthcare Video



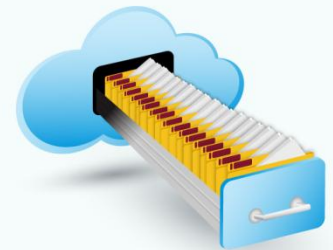
- The market requirements are expanding from archive services to archive + visualization services to archive + visualization + telemedicine services ... eventually health analytics.



From **Archive** to **Informatics** to **Analytics**

All running on **HDS'**

- Store and manage massive physical archives of files, documents, reports and images in a single repository, simplifying management with greater accessibility.
- Build-in support for healthcare IT interoperability standards like FHIR, HL7 and DICOM.
- Enable on-demand and fast image retrieval or prefetching by on-premise gateways, PACS, or VNAs for clinical viewing, reporting and analytics.
- Create a backup-free archive with compliance-quality data protection.
- Save storage costs and capacity with dynamic data movement, de-duplication and file compression.



Medical Record and Image Archive

Active archive for all kinds of medical records and images whenever and wherever they are generated

What do we sell?

- Storage (content) & compute
- Workflow consultation
- Integration services
- Implementation services
- Archive application/portal
- HCSC services

- View medical records, reports and images wherever and whenever they are needed via any devices—smart phone, tablets or desktop—on a real-time basis.
- Use unparalleled visual features such as HD 2D and 3D images, multiple Cine streams and mobile measurements via the latest GPU cloud computing technology.
- Flexibly integrate and connect with multiple and disparate EMRs, PACS and VNA systems.
- Ensure patient record privacy with server-side rendering, access control and a firewall. All Protected Health Information (PHI) is completely US HIPAA compliant.
- Visualization tools has been successfully accredited by many local regulatory authorities worldwide, including China Food and Drug Administration (CFDA), the US Food and Drug Administration (FDA), Health Canada, and CE-marked in Europe.



Medical Visualization

Access and view images, reports and patient records on-demand via any devices at anytime

What do we sell?

- Storage & compute
- Workflow consultation
- Integration services
- Implementation services
- Archive application/portal
- HCSC services
- Visualization application/portal
- Application training
- Modality bundle

- Advanced real-time audiovisual telecommunication system enables caregivers to provide remote services with live, two-way interaction and a simultaneous view of the patient's record.
- Practitioners can confidently and safely diagnose from any location at any time with relevant, up-to-date patient history, medical images and reports at their fingertips.
- The audiovisual record can be transmitted and stored for future evaluation, research or even for rendering a service outside the live interaction.
- Applicable for a wide range of remote health services for consultation, diagnosis, treatment, patient monitoring and mobile health.



Telemedicine

Remote delivery of clinical and healthcare services with telemedicine system and mobile portal

What do we sell?

- Storage & compute
- Workflow consultation
- Integration services
- Implementation services
- Archive application/portal
- HCSC services
- Visualization application/portal
- Telemedicine portals
- Application training
- Modality bundle
- Healthcare services



Professional Services

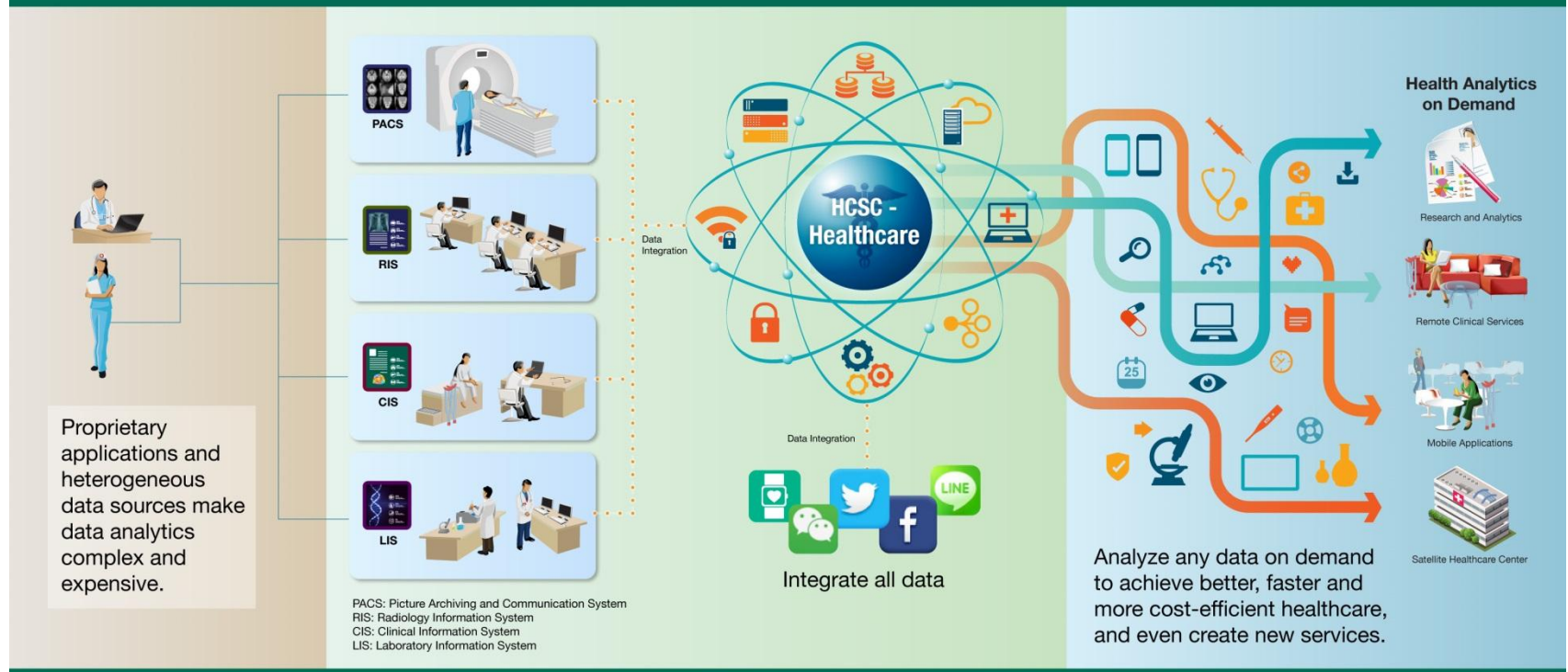
Workflow consultation,
system implementation
services, training and 24x7
technical support

What do we sell?

- ✔ Cloud enablement
- ✔ Workflow consultation
- ✔ Integration services
- ✔ Implementation services
- ✔ Application training
- ✔ Greenfield hospital development blueprint

- Certified IT and experienced healthcare professionals deliver comprehensive consultation and services based on your unique environment.
- Customized proposal provides a complete roadmap and end-to-end solution, from workflow recommendation and services integration to implementation.
- Tailor-made application training to ensure smooth implementation and well-educated administration.
- ITIL-accredited services provide all-encompassing support, including 24x7 technical support, incident management, network and system monitoring, technical planning, security and compliance and more.

HCSC – Healthcare Empowers New Analytic Possibilities





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Thank You

johnny.ma@hds.com

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