The transition from Island Healthcare Information Systems to integrated Care Record Systems

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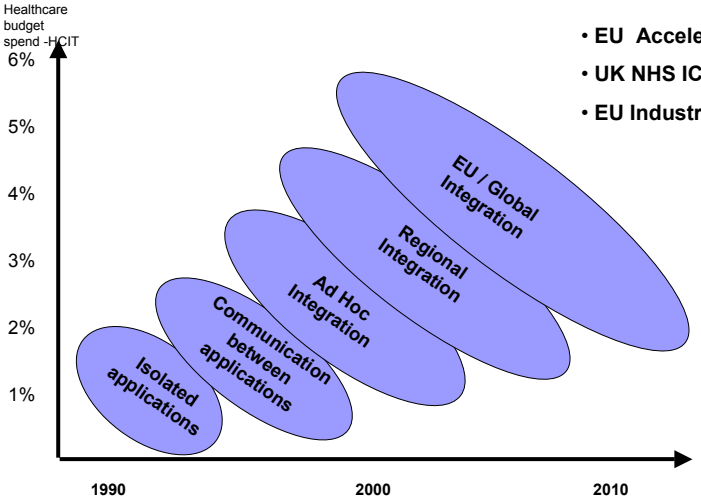
European spend on ICT as a % of healthcare budget

- **ICT Health budget and status of integration**



- **EU Acceleration of ICT spend**
- **UK NHS ICT Budget 2%**
- **EU Industry ICT spend 7%**

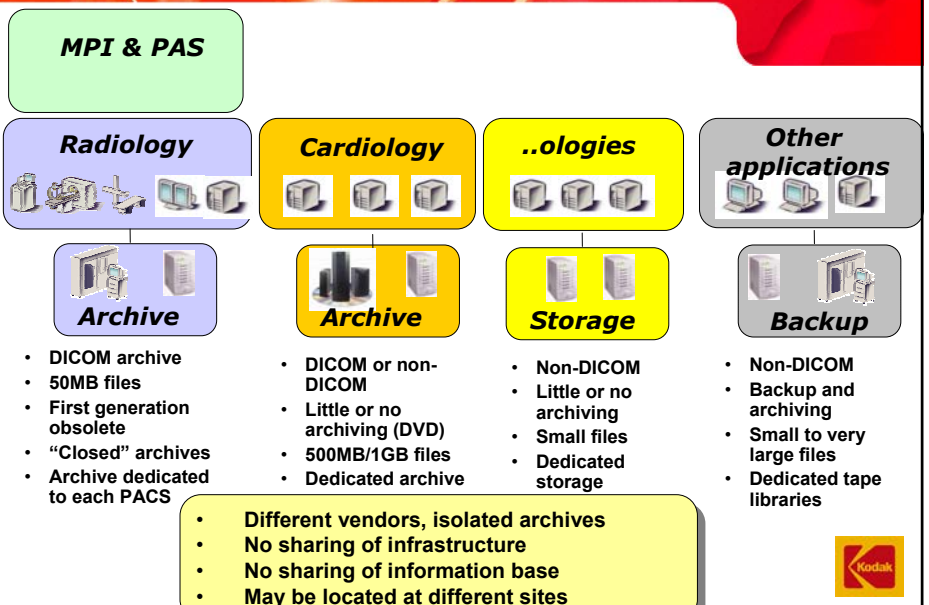
The challenge for ICT in healthcare

- **Providing appropriate clinical information at the point of care to improve efficiency and quality**
  - Complexity of the healthcare process and the interdependences between the departments, hospitals and clinicians
  - Legacy Information systems need to be integrated to provide the clinical pathway
  - Validation of patient identification and the migration of data in island systems
  - Security and authorisation of access to data
  - Cost of implementation and overall complexity of the integration of island departmental systems due to different architectures
  - Lack of investment in ICT in health

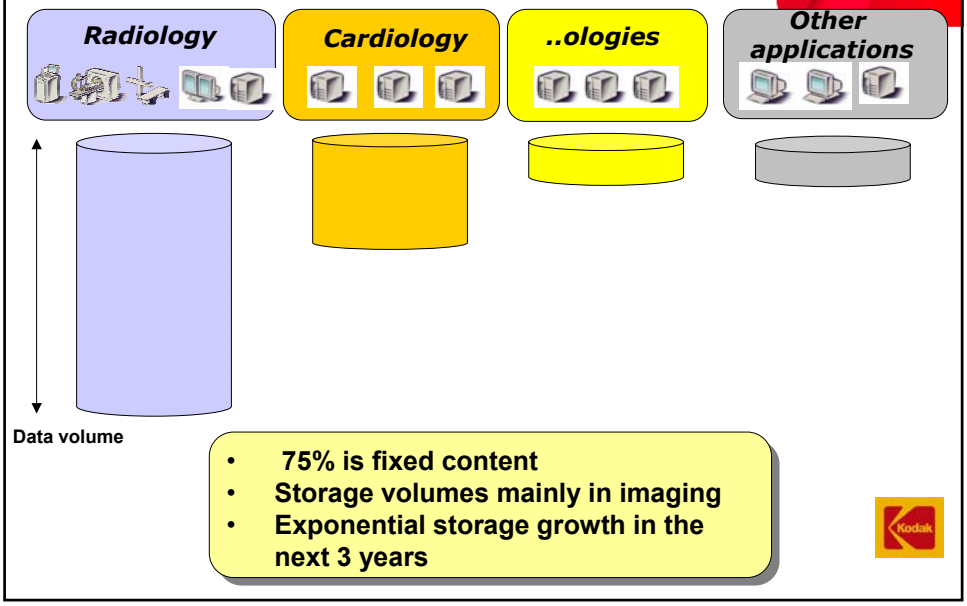
The solution

- **A system that will automate clinical information at the point of care**
  - Simplify the Complexity of the healthcare process by providing a longitudinal healthcare record
  - Enable Legacy Information systems to be integrated to provide a clinical data repository
  - Ensure an appropriate unique patient identifier is the starting point in for the master patient index.
  - Reduce costs by Enterprise Information Management by consolidation and simplification
  - Use existing industry standards IHE DICOM HL7 XML FTP …….

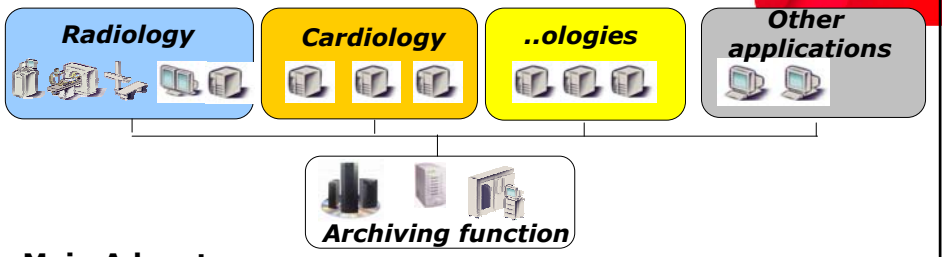
Standard Hospital environment Today



Hospital general storage content



Enterprise Information management Solution

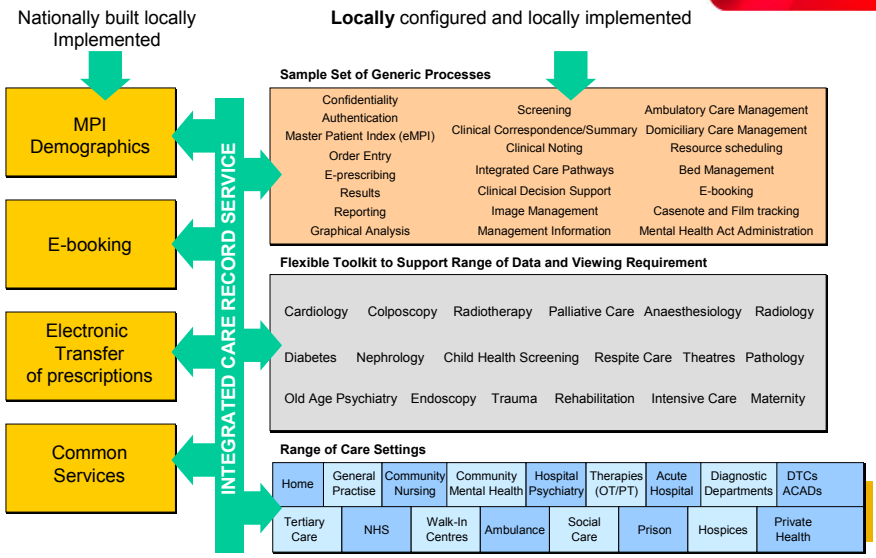


Main Advantages

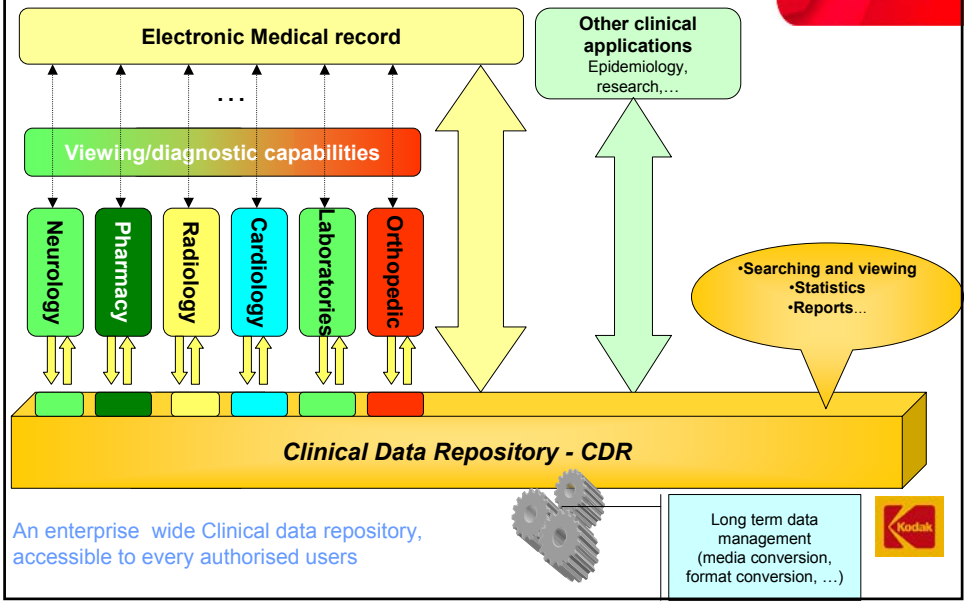
- Share the infrastructure → Optimize investment
- Consolidate information → Ease information sharing
- Globalize data protection → Enhance information security
- Ease long term information management
- Ease architecture evolution
- Ease Obsolescence Management

→ Enhance IT productivity

Overall Requirements for a national system



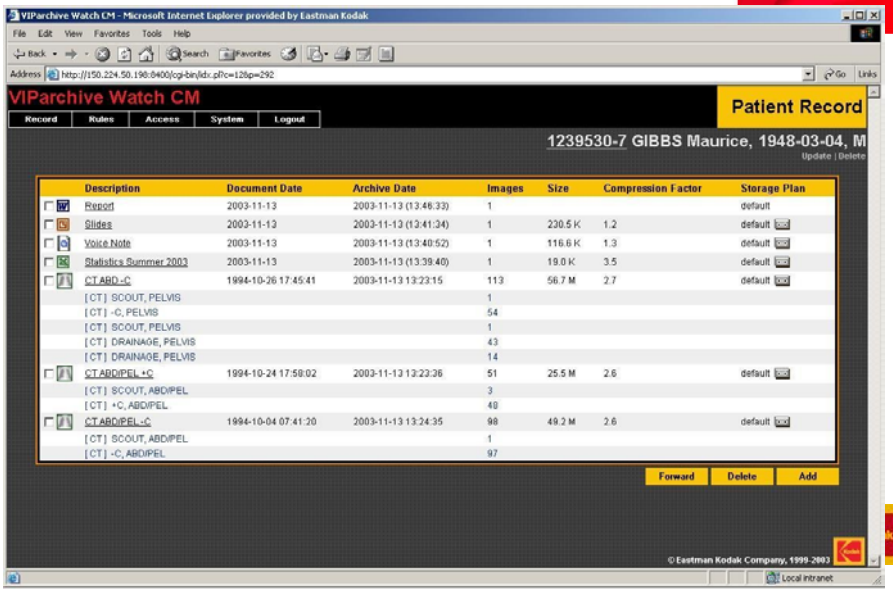
Kodak Enterprise archiving model



An enterprise wide Clinical data repository, accessible to every authorised users

Long term data management (media conversion, format conversion, …)

Kodak VIParchive enterprise archive management view



VIP archive key features

- **Multi source/Open archive**
  - DICOM/Non DICOM, ”ology” and IT sources
  - Patient data consolidation
- **Enhanced lifecycle management, clinical based**
  - Adapt performance to content
  - Adapt preservation/retention to content
- **Transparent access across multi sites**
  - All data available from anywhere
  - With standard interface to End User tools
- **Built in disaster recovery**
  - Local or remote
  - From manual to automatic recovery
- **Media technology and storage vendor neutral**
  - All storage technologies supported (disk, tape, DVD…)
  - Management of obsolescence
- **Scalability by design**
  - Same software from small to large enterprise systems
  - Incremental architecture

Thank you
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Questions