

Joint MOH-IDA-TEC Healthcare CFC 2007

Improving Healthcare Quality and
Efficiency Through Innovative Use of ICT



Data Privacy Protection Technology

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Key Strengths



About Asia-Euro Gateway Business Company

- Formed in 1999 to introduce into Asia **proven** breakthrough European **trust-building technologies**

Key Strengths of Technology

Absolute Data Privacy Protection (“Security through Privacy”)

- Pseudonymisation and encryption of sensitive patient identifier information at field level
- Strong healthcare domain knowledge (MD/Univ Prof/R&D team)
- Compliant with EU Directives, world’s most stringent data privacy laws
- Experts in technology, legal, ethical framework

Track Record

- **Europe:** eHomeCare, clinical/genetic data exchange, health GRID
- **Singapore:** Data privacy solution for Health Promotion Board’s national disease registries

Potential Collaboration Areas



Projects where **patient privacy is needed** while **patient information** (case history, test results etc) **has to be shared** amongst multiple parties (patient, healthcare provider, treating doctor, service partner).

Examples – group clinic management, disease management, telemedicine, clinical trials, teleradiology

- NHG:**
- 1. Central Clinical Repository & Master Data sets**
 - 2. Multi-format Document and Integrated Image Repository**
 - 3. Research Platform**
 - 4. CommCare@IMH**
 - 5. Datamart for Quality and Clinical Indicators**

- SingHealth:**
- 1. Collaborative Community Care**
 - 2. Paperless Central Registry**

Potential Business Partners



Partners who

- Understand and appreciate the importance of patient privacy protection
- Share our vision on absolute protection of patient privacy while supporting collaboration and allowing beneficial exploitation of medical information
- Builds data repositories for sharing of patient details
- Desire to use value-adding technologies to differentiate and expand service offering to hospitals
- Has healthcare and bio-medical research domain knowledge

Note: Privacy protection can be offered to partners as a **utility service**, such as in an ASP model

Contact

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