

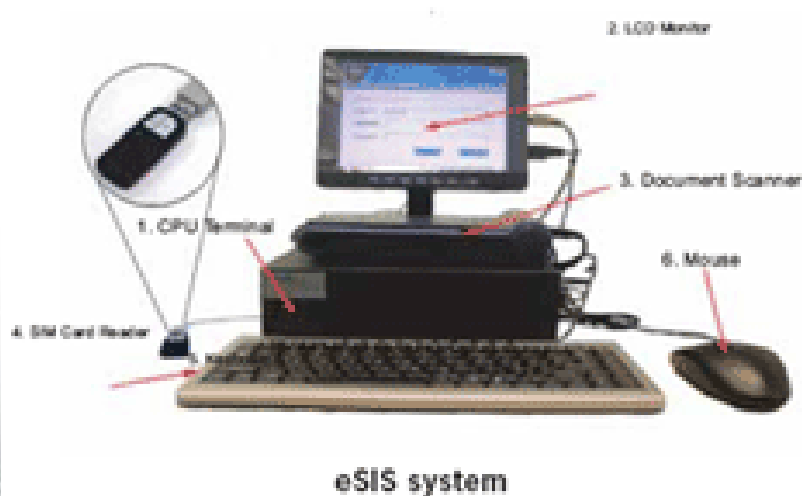


PCS Security Private Limited

Singapore



Electronics Subscriber Information System (eSIS) – Prepaid Card Registration and Verification



**Designed, Developed
& Implemented by**

PCS
SECURITY

Electronics Subscriber Information System (eSIS)

- **System was implemented in November 2005 as a result of law enforcement requirements**
- **Provides an electronic solution to capture information of prepaid card subscribers in real-time mode**
- **Streamline prepaid card business processes across all Service Providers**



Electronics Subscriber Information System (eSIS)

- **Portable Compact Lightweight Terminal Device**
- **Intelligent Terminal – OCR / Barcode**
- **Reduce data entry time taken to complete a transaction**
- **Centralized Control System to enforce business regulations**
- **Highly Robust Configuration System for expansion to new Service Provider**

Terminal Device

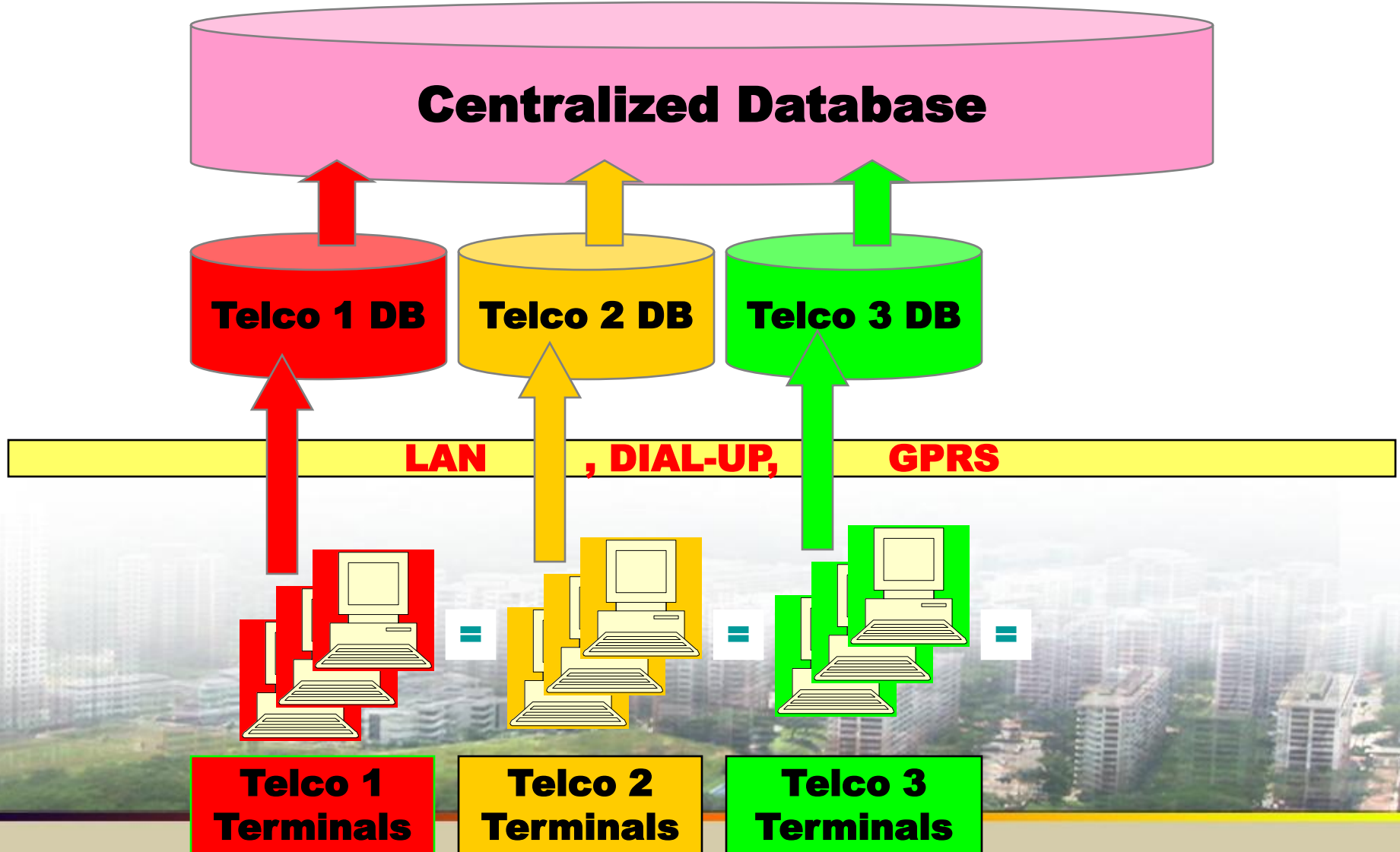
- **A small form factor Terminal Device for minimal space utilization**
- **Easy to use for general user**
- **Fast processing time :**
 - on LAN, average 2s response time
 - on Dial-up (56kb), average 1.5m response time
- **Color scanner to capture color image of identity documents (2-sided)**
- **SIM card reader to quickly read SIM card information**



Mediator Device

- **A server located at Service Providers' premises**
- **Contains core processing capability for prepaid card registration**
- **Receiving request from multiple TDs**
- **Perform data validation to ensure data integrity**
- **Approves or dis-allows transactions**

Component Architectural Overview



- **Registration**
- **Deregistration**
- **Change SIM**
- **Number Porting**
- **Transfer Ownership**
 - Corporate to Personal
 - Personal to Personal
 - Corporate to Corporate



Thank you

Q & A

