Health Information System Status Report

Saint Kitts & Nevis

By

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August 16, 2009

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Agenda

- Overview
  - Project Scope
  - Application
  - Infrastructure
  - Security
- Successes
- Challenges
- Lessons Learnt

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Overview

- Population: 45,000
- 17 Health Centres
  - 11 St. Kitts
  - 6 Nevis
- 2 Hospitals (1 St. Kitts; 1 Nevis)
- Poly-clinic: 1
- Medical Centre: 1

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Overview

- HIS Integrated
  - Agreement Signed, June 2008
    - Developed by TaiwanICDF
  - Project Scope, 1st Phase
    - Patient Records
    - Patient Assesment
    - Billing

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Overview

- HIS Application
  - Written in Java (Web-based)
  - Housed at National ICT Centre
    - ~2 miles from primary care facility
    - ~10 miles from secondary care facility
- Infrastucture
  - Phase 1, secure DSL
  - Phase 2, private fibre network

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Security Measures

- Access Controls
  - Username & password
  - Module access only
- Automatic logout when idle
- Access granted to specific JNF computer hardware addresses

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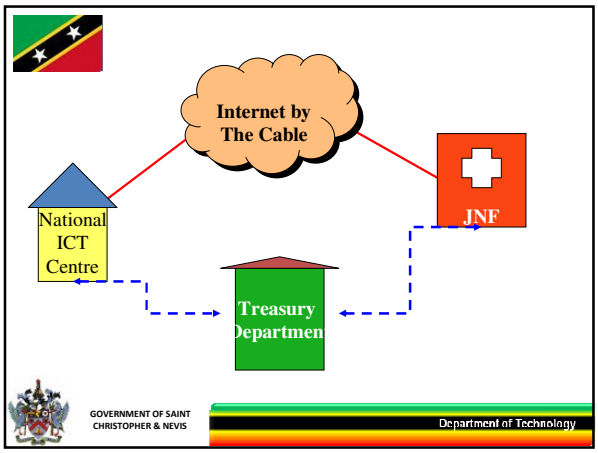

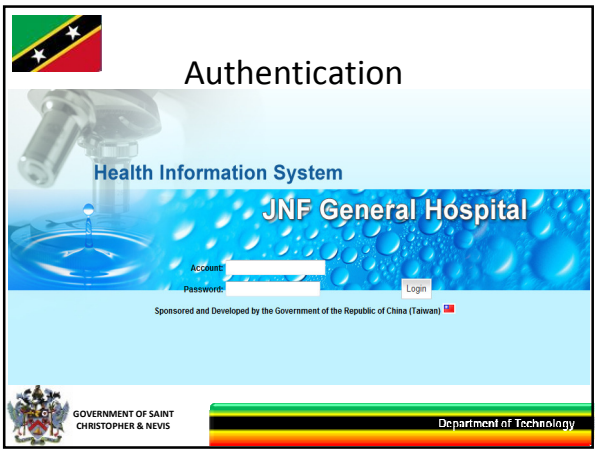

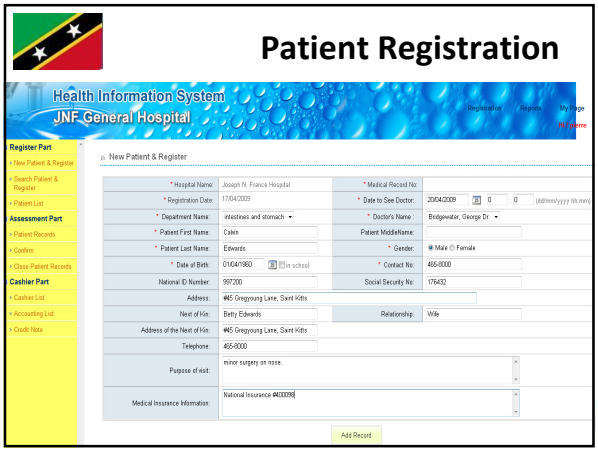

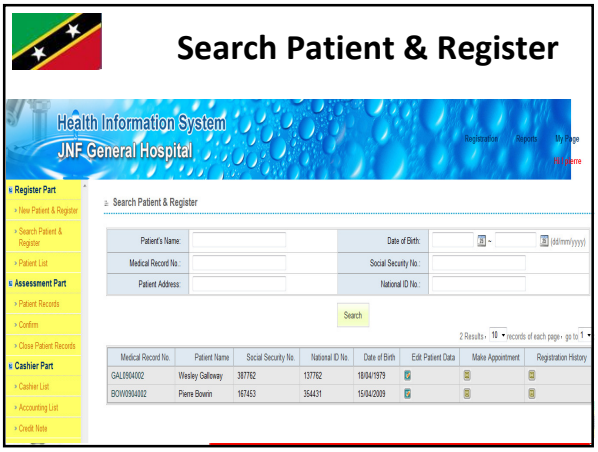

Currently

- Hospitals and health centres are equipped with computers
- Manual data collection
- Customized computer programs for data collection
- Installation of New Hospital Information System

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Currently

- LIS System in Nevis
  - MS Acess based
  - Locally design
  - In operation from 1999
  - Limited Reporting capabilites

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Success

- Training of Officers
- Acquisition of computer systems through funding
- Competent and reliable technicians

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Challenges

- Customized computer programs failure
- Inconsistent data
- Access to data
- Resistance to change
- Lack of communication

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Lessons

- Continuous training & upgrading of skills & Equipment
- Standardized data collection procedures

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