eHealth Policy, Strategy, Guidelines and Standards

Ministry of Health
Sri Lanka

Regional High Level Meeting on eHealth, Bangkok
17-19 November 2013
Outline

- Introduction
- eHealth Strategy
- eHealth Policy
- eHealth Guidelines and Standards
Current Situation Analysis - 2010

Main Issues identified

- Fragmented HIS
- Sustainability
- Interoperability
- Security, privacy and Confidentiality
- Adherence to eGovernment policy
Health Metrics Network Assessment - 2010

Outline

• Introduction

• eHealth Strategy

• eHealth Policy

• eHealth Guidelines and Standards
Ministry of Health – Sri Lanka

National eHealth Steering Committee (Chaired by the Secretary of Health)

Working Committees on National eHealth Strategy, Policy and Standards

Drafting the National eHealth Base Documents
National eHealth Base Documents

NeH Strategy
- Need Analysis
- Prioritisation
- Feasibility

NeH Policy
- National Health Policy
- Policy & Procedures for ICT Usage in Gov. (e-Government Policy)

NeH Guidelines & Standards
- Government Regulations:
  - E Code
  - FR
- Legislations:
  - Electronic Transaction Act
  - Computer Crime Act
  - ICT Act
- Medical Ethics
National Health Development Plan

National Health Development Plan
2013 - 2017

Ministry of Health

m) Providing more effective and comprehensive mental health services

n) Improving nutritional status of targeted population including pregnant mothers

o) Improving healthcare services especially targeting the estate sector, hard to reach and fulfill specific needs

p) Improving managerial efficiency, productivity, quality and safety of healthcare services at all levels of delivery

q) **Strengthening the health information system for better management of health services with modern e-health solutions**

r) Promoting and Regulating of private health sector to deliver affordable and quality services

s) Improving public-private partnerships in providing healthcare services

t) Strengthening integrated approaches with other governmental and non-governmental agencies to facilitate greater coordination and support

u) Strengthening the implementation of National Drug Policy for better management of medical supplies and increasing local manufacturing capacity of pharmaceuticals

v) Promoting medical research for better health

w) Promoting medical tourism
National Foundation for Open Source Health Software of Sri Lanka [NFOSHS-SL]

CONSTITUTION

November 2013

Subject to Approval of the Registrar of Companies

Sri Lanka
Outline

• Introduction
• eHealth Strategy
• eHealth Policy
• eHealth Guidelines and Standards
eGovernment Policy

- Cabinet approved in 2009
- Only addresses minimum requirements and does not comprehensively address specific requirements of the Health Sector
- Provides provision for the State Sector Organizations to create their own policy within this framework

A.3. Objectives

This document is to serve as a set of policies and procedures for the government sector in using ICTs to achieve overall development within organizations and in delivery of government services. It will assist in benchmarking each organization’s activities against the Policy, which will enable organizations to identify the areas which need attention and where rectification needs to be carried out. It will also ensure consistency in ICT activities and practices. The Policy articulates the minimum requirements expected of government organizations, and government organizations could add on to this and create their own organizational ICT policies and procedures, within this Policy framework. Thus, the Policy is mandatory for providing a unified approach in implementing e-government services and achieving the following:

National eHealth Policy

**Vision**
To *Promote and Streamline* the adoption and use of ICT in the Healthcare Sector of Sri Lanka.

**Mission**
To adopt ICT solutions *appropriately* in the healthcare sector of Sri Lanka to improve the *quality, efficiency, patient safety, and cost effectiveness* of health care thus contributing to achieve the goals set out in the National Health Policy.

Gives the *guiding principal*, aimed at implementation of Information and Communication Technology in the healthcare sector of Sri Lanka.
National eHealth Policy Areas

1. Architectural Model for the National eHealth System
2. ICT Management
3. Networking and Connectivity
4. Communication Interface
5. Ethics, Privacy, Confidentiality and Security of Information
6. Data Standards
Outline

- Introduction
- eHealth Strategy
- eHealth Policy
- eHealth Guidelines and Standards
Standardization

"The use of e-health and m-health should be strategic, integrated and support national health goals. In order to capitalize on the potential of ICTs, it will be critical to agree on standards and to ensure interoperability of systems. Health information systems must comply with these standards at all levels, including systems used to capture patient data at the point of care.

Interoperability

Lack of data interoperability within and between systems developed by technical programmes or member states not only hinders care delivery, waste resources and leads to fragmentation of health information systems but at times can also cause fatalities.

WHO

WHO Forum on Health Data Standardization and Interoperability

WEDNESDAY, 24 OCTOBER 2012

3 - 4 December 2012, WHO Headquarters, Geneva, Switzerland.

Interoperability has been recognized as essential to achieving the full potential of information and communication technologies (ICTs) and medical devices in support of health systems as part of the overall socioeconomic development of countries. The eHealth Unit within the Department of Knowledge Management and Sharing at the World Health Organization is leading this work in collaboration with technical programmes and member states to advance the appropriate use of ICTs to deliver quality of health services, reduce cost and achieve universal health coverage. Transmitting personal or population data across ICT-driven health information systems requires adherence to health data standards and related technology standards for secure, accurate and timely exchange of data for healthcare decisions.

Lack of data interoperability within and between systems developed by technical programmes or member states not only hinders care delivery, waste resources and leads to fragmentation of health information systems but at times can also cause fatalities. Implementing health data standards to achieve interoperability requires collective action by the Organization and its member states. We have to face the challenge that many countries lack capacity to participate in standards development and their implementation.

Participants invited to this forum include representatives from health data Standards Development Organizations (SDOs), Member States, academic and research institutions, implementing partners, donor community, and subject matter experts concerned with development, adoption, and implementation of health data standards at national and sub-national level in addition to WHO technical programmes and regional offices.

Keeping Policy in Perspective

- Policy
- Guidelines and Standards
National eHealth Guidelines and Standards

- Provides standards and guidelines for implementing Health Information Systems in the Health Sector of Sri Lanka.

- The whole document is applicable to State Health Sector and Only parts of it for the Private Health Sector.

- This document is a live document and will be reviewed periodically.
Health Publications & Reports

Bibliography of New acquisitions of the Ministry of Health Library


Registration of the Industries using common salt in Sri Lanka

Environmental management framework for healthcare waste & infrastructure development

Draft National eHealth Policy

Draft National eHealth Standards & Guidelines

National Policy And Strategy on Health of the Young

General Circular Letter No: 02-181/2012

Director / NHSL,
All Provincial Directors of Health Services,
Heads of Specialized Campaigns,
Regional Directors of Health Services,
Directors of Teaching Hospitals, Provincial General Hospitals,
Medical Superintendents of DGH and BH
Heads of all Health Institutions,

Domain Name and email Structure to be used in the State Healthcare Institutions

Ministry of health is in the process of introducing and streamlining the incorporation of Information and Communication technologies in to the State Health sector with the view of improving the efficiency of the healthcare provision. In this regard the National eHealth Steering Committee headed by the Secretary Health has initiated the formulation of the National eHealth Policy and the National eHealth Standards and Guidelines.
HIN - Healthcare Identification Number

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<th>11 digits</th>
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<tbody>
<tr>
<td>PPPP</td>
<td>XXX XXX</td>
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National Foundation for Open Source Health Software of Sri Lanka [NFOSHS-SL]

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November 2013

Subject to Approval of the Registrar of Companies

Sri Lanka
National eHealth Policy of Sri Lanka (DRAFT)
Version 1.5.0

Drafted by the eHealth Road Map Development Committee
Under the direction of the national eHealth steering committee
Ministry of Health - Sri Lanka

The national eHealth policy of Sri Lanka is aimed at facilitating the implementation of information and communication technology solutions in the healthcare sector.

The adoption and use of ICT in the healthcare sector of Sri Lanka.

The objective is to use technology appropriately in the healthcare sector of Sri Lanka to improve the quality, efficiency, and cost-effectiveness of health care thus contributing to achieve the goals set by the World Health Organization.

National Health Information System

The system will be an integral part of the recommended common eHealth architecture of the country to ensure interoperability, efficiency, security, and sustainability.

An independent unit will be the Health Information Unit of the Ministry of Health which will oversee and streamline all eHealth activities and ensure that all eHealth projects and their management must be done in a cost-effective manner and also to identify and prioritize the needs of their staff and also to identify and prioritize the eHealth projects.
Thank You