# Citizen-Centric Health Information Exchange for Maryland

## Staff Recommendations

Maryland Health Care Commission

*Center for Health Information Technology*
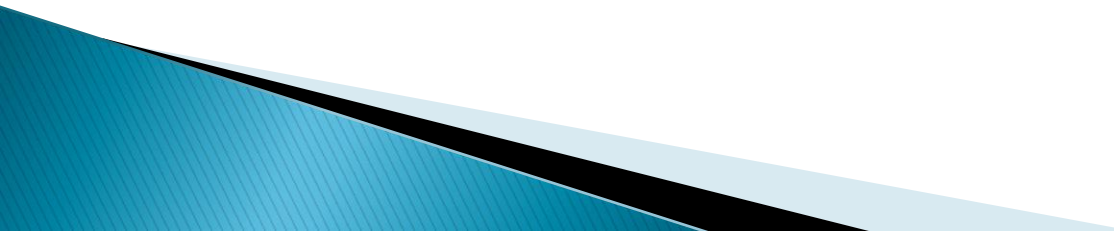
April 17, 2008

MHCC | MARYLAND HEALTH CARE COMMISSION

# Project Scope

- Identify the best ideas submitted from the different multi-stakeholder groups, which can be merged into a single RFA to build a statewide HIE that can exchange patient information across multiple provider settings

  - Planning process is for nine months, multi-stakeholder groups will meet approximately five times during the planning period to collaborate on key technical and policy issues
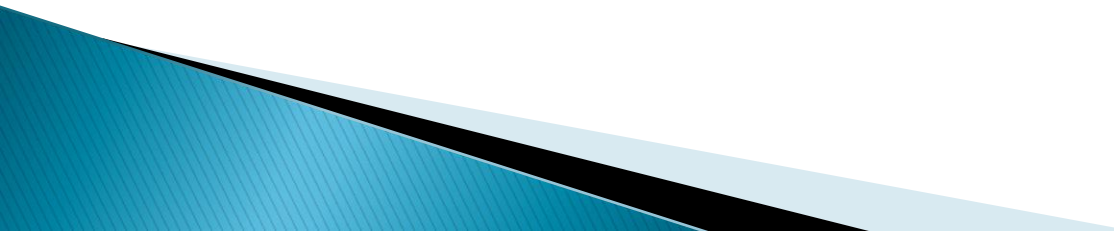
# Key Principles

Planning teams need to develop principles that will:

- Determine who controls the flow of information

- Determine what type of information that is exchanged will require consent or authorization

- Address the privacy rights of patients

- Address provider concerns about liability

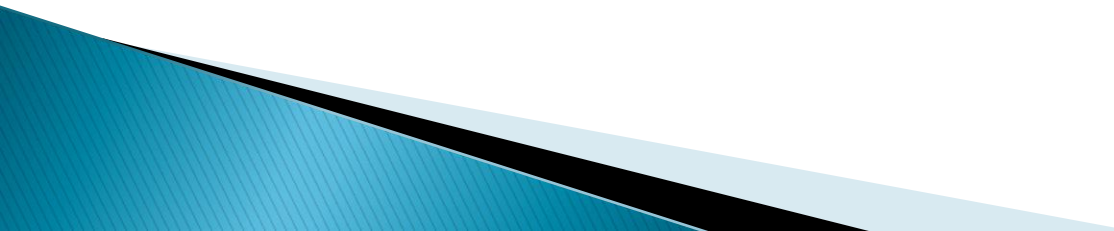- Address appropriate and secure secondary uses of data and consent-related issues

# Final Report

Issues to be addressed include:

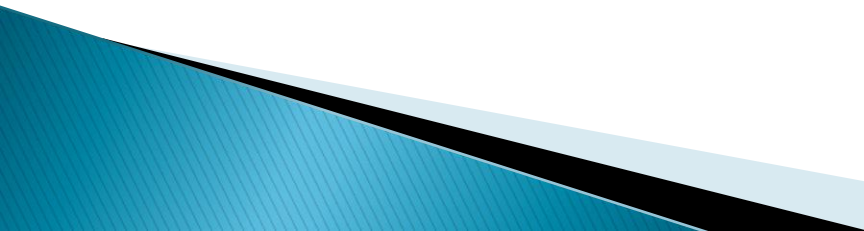▸ Governance

▸ Privacy and security policies

▸ Access policies, including user authentication and trust hierarchies

▸ Strategies to assure appropriate patient engagement, access, and control over information exchange

# Final Report (Continued)

Issues to be addressed include:

- General architecture of the exchange, both physical and conceptual

- Proposed hardware and software solutions

- Estimated costs of implementation, both initial and ongoing

- Possible sustainable business models

# Multi-Stakeholder Applicants

- Chesapeake Regional Information System for our Patients (CRISP)

- Howard County Health Project

- LifeBridge Health Systems (application withdrawn)

- Maryland Advisory Committee for Health Information Exchange

- Montgomery County General Hospital

- University of Maryland Medical System

# Recommendations

Staff proposes that the Commission recommend for consideration to the HSCRC the following two multi-stakeholder planning projects for *A Consumer-Centric Health Information Exchange*:

- Chesapeake Regional Information System for our Patients (CRISP)

- Montgomery County General Hospital

# CRISP Stakeholders

- Hospitals
  - Johns Hopkins Medicine
  - MedStar Health
  - University of Maryland Medical System
  - St. Agnes Hospital

- Other Participants
  - Erickson Retirement Communities
  - The Summit Health Institute for Research and Education
  - Baltimore Medical System
  - The Shepherd's Clinic

# CRISP Stakeholders (continued)

- Consulting Partners

  - Audacious Inquiry
  - Dynamed Solutions
  - Ober|Kaler

- Technology Partners

  - GE Healthcare
  - Microsoft
  - HealthUnity

# CRISP – Key Model Features

- Opt-in model (initially)

- HIE & Health Record Bank data sharing model

- Consumer controlled access

- Secure authentication, audit, and authorization controls

- Role-based access

- Standards-based hybrid infrastructure

- Supports Personal Health Records integration

- Secondary data use evaluated through specific use cases

# Montgomery County General Hospital Stakeholders

- Hospitals
  - Holy Cross Hospital
  - Montgomery General Hospital
  - Shady Grove Adventist Hospital
  - Washington Adventist Hospital

- Participating Organizations
  - MedPlus/Quest
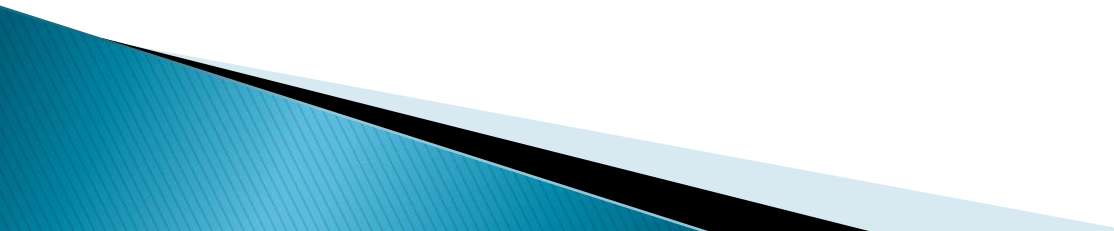  - Mid-Atlantic Permanente Medical Group (Kaiser Permanente)

# Montgomery County General Hospital Stakeholders (Continued)

- Participating Organizations

  - Healthcare Initiative Foundation
  - Primary Care Coalition
  - Prince Georges County Health Department
  - Prince Georges County Medical Society
  - Summit Health Institute for Research and Education

# Montgomery County General Hospital – Key Model Features

- Target population: uninsured, indigent, and underserved

- Centralized and distributed data sharing model

- Opt-in model (initially)

- Consumer-controlled data access

- Standards-based infrastructure

- Role-based access

- Secure authorization, access, and authentication

- Secondary use of data for public health

# Next Steps

- HSCRC considers MHCC recommendations at their April 22nd Commission meeting – final action at the May meeting

- Awardees are notified of the combined MHCC and HSCRC decision around mid-May

- Efforts to convene a kick-off meeting with state officials, health care business leaders, and recipients of the award is underway

# Response to the RFA

Available for viewing at the MHCC website:

http://mhcc.maryland.gov/electronichealth/hidden/index.html

# Questions