

Using Health Information Technology and Exchange to Connect Communities!



MSCHIE

Mississippi Coastal Health
Information Exchange





Texas

Louisiana

Mississippi

Alabama

Florida

Hurricane Katrina

2005

200 km





History



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Devastation of Hurricane Katrina

Highlighted critical importance of restoring the region's healthcare information infrastructure.

Large number of Mississippi's Katrina evacuees suffered as a result of being displaced from their medical records resulting in unnecessary risk and the possible loss of both emergent and routine medical treatment.

Governor Haley Barbour – MS Health Information Technology Infrastructure Task Force (Executive Order 979 in March 2007)- develop strategies for HIT adoption and HIE infrastructure for Mississippi. Chris Anderson and Dr. McIlwain are co-chairs.

Formation of a “proof of concept” hybrid clinical data repository/health information exchange:

Focus on integrating patient information and linking providers on an interoperable network to improve patient care and reduce costs.



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VISION

Provide a reliable, trusted,
secure system to facilitate the
exchange of health information
in Mississippi





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*“To lower health care cost, cut medical errors, and improve care, **we’ll computerize the nation’s health records in five years**, saving billions of dollars in health care costs and countless lives.”*



YES WE CAN!



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NHIN- National Health Information Network

- A network of networks!
- Each state will have a single node (exchange) connecting to a national system.
- Has already been in development with various phases and testing
- Medicity Involved in Phase I



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Physician's & Hospitals Incentives in the HITECH ACT...



A “tipping point” for HIT?

HITECH ACT



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HIT Implementation for primary care, rural

HIT Regional Extension Centers

Assist providers to adopt, implement, and use certified EHR technology

HIT Research Center

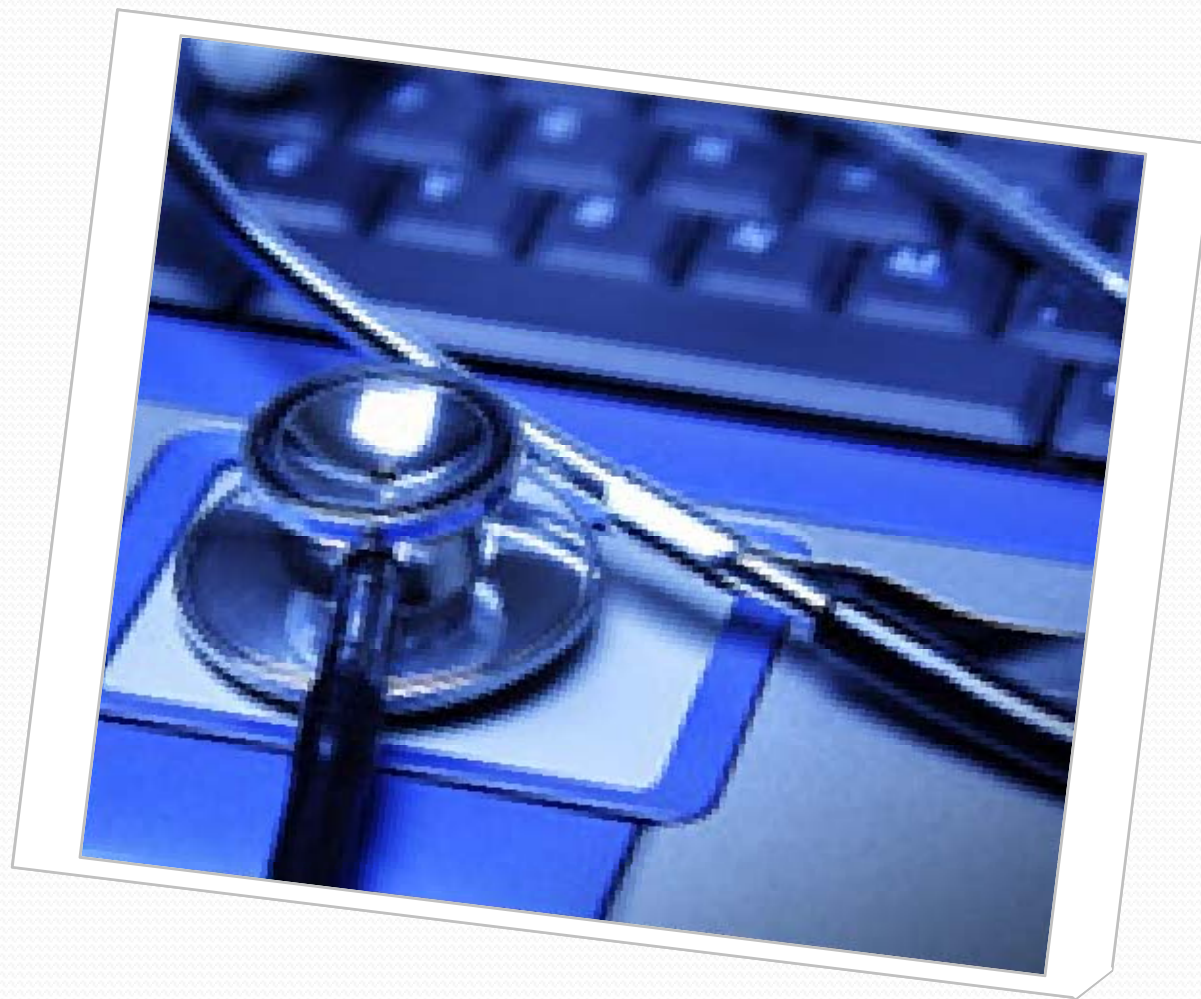
Technical assistance

Develop/Recognize best practices to support and accelerate HIT adoption



Privacy and Security Concerns

Additional requirements within the Act!



What is the Health Information Security & Privacy Provider Education Toolkit?



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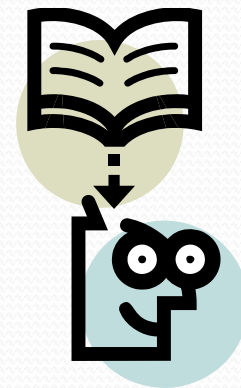
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The toolkit is a Web-based resource designed especially for physicians and the healthcare community.

The toolkit provides advice, resource links, and answers to frequently asked questions from national health care subject matter experts on safe & secure electronic health information exchange.

The toolkit can be found at

www.Secure4Health.org



www.mshispc.com

www.iqh.org



In an Emergency, Every Minute Counts. Your Medical Records Are Miles Away.

In an emergency, doctors need your medical information STAT and you might not be able to give it to them. With electronic health information exchange, your doctors could securely access your medical history in just a few seconds. A few seconds might just save your life.



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Who is electronic?

- Hospitals and their Medical Staffs
- Physician Clinics/Groups
- Pharmacies
- MS Division of Medicaid
- VA/DOD



*Health Information
Exchanges (HIEs)
Mississippi Coastal
Health Information
Exchange (MSCHIE)

Project Implementation



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Governor's Task Force:

**-Grant received for pilot project on the Mississippi coast
that was affected by hurricane Katrina**

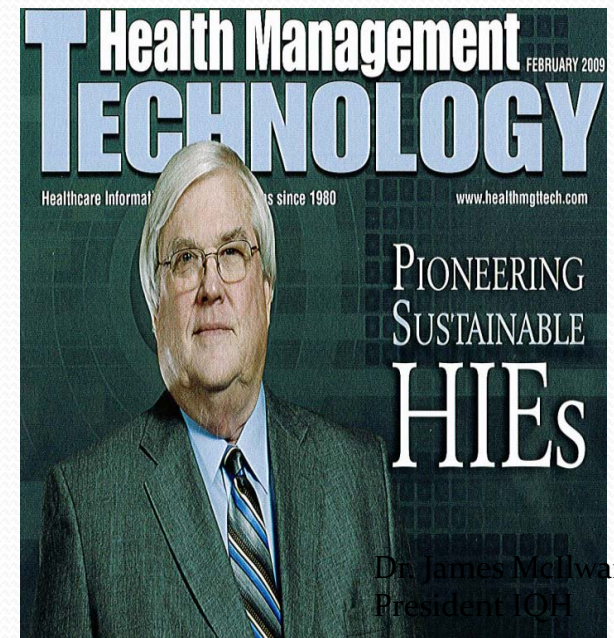
Grant Administration and Contracting:

**Information & Quality Healthcare (IQH)—the Medicare Quality
Improvement Organization for Mississippi**

RFP Procurement Process IQH/ITS

Awarded to Medicity of Salt Lake City, Utah

**Proof of concept project serving as the core
foundation for statewide implementation**



Dr. James McIlwain
President IQH

“Proof of Concept”

Project



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Focus on the restoration of the health information systems in the six (6) counties severely affected by Hurricane Katrina: Pearl River, Stone, George, Hancock, Harrison, and Jackson.

- Facilitate improved health care delivery and treatment while affording the Task Force hands-on experience that will forge the foundation for the development of a strategy for a more expansive state-wide health information exchange**
- Formation of a hybrid clinical data repository/health information exchange**
- Continuity of Care Record (CCR) – HL-7 Clinical Document Architecture (CDA)**
- Data accessed via a Master Patient Index**



Welcome to the **Mississippi Coastal Health Information Exchange**

Welcome to the Mississippi Coastal Health Information Exchange ProAccess application. This site is restricted to use by authorized users of MSCHIE. By using this application you agree to abide by MSCHIE remote access policies, confidentiality policies and applicable government regulations.

If your credentials do not work, or if you would like to change your password, please call the Support Center at 916-738-3000.



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Provider Inbox User Login

Username

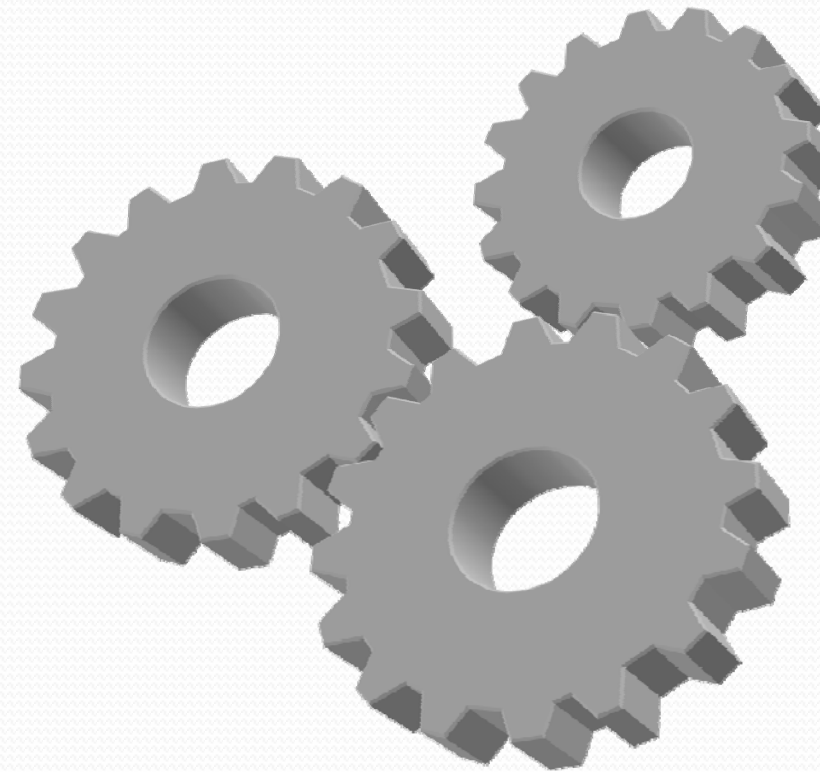
Password

Log In

[Reset](#) • [Forgot Password](#) • [Help](#)



- **CLINICAL INTEROPERABILITY PLATFORM**
 - Single Centralized Data-Store
 - Nexus Interface Engine
 - Master Person Index (CMPI)
 - EMR Gateway
 - Security Features
 - RLS for federated use
 - Additional Data stages
 - Medicaid
 - BC/BS
 - Others

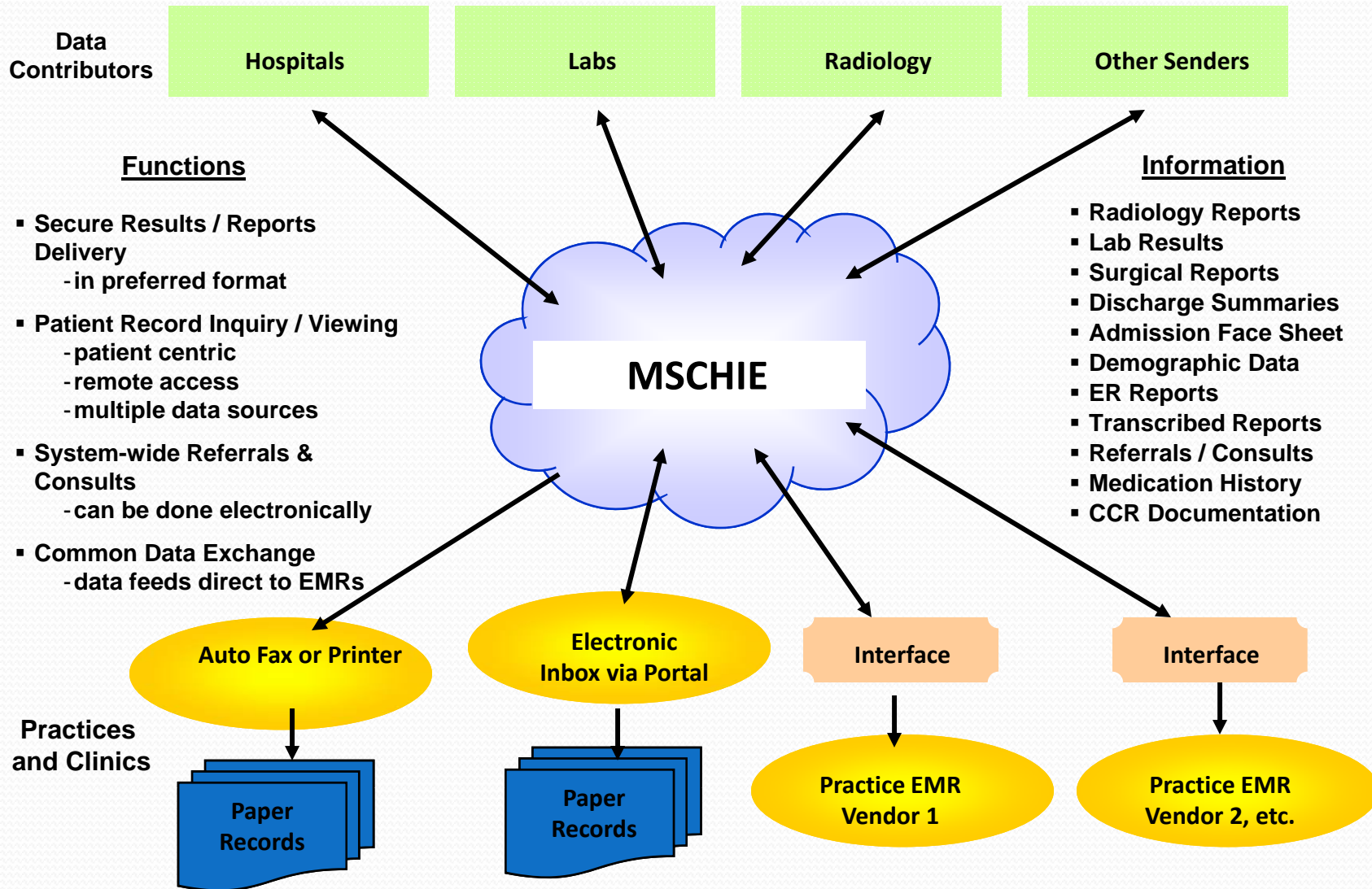


MSCHIE IS THE HUB



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PHASE I

Singing River Hospital System, Memorial Hospital of Gulfport and Coastal Family Health Center

Emergency Departments

Clinics

- ADT
- Discharge Summary
- OP Medication History (HCS)
- Lab Results
- Transcribed Reports
- Radiology Reports (pending)
- Provider Office Clinical Inbox/Results Distribution
- Community Master Person Index – link/match ID's





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PHASE I – Activities to Date

Kick off, Specification Design – Oct. '08

Community Interviews, Retreat – completed in March '09

Testing/ Certification – completed in June '09

- **Coastal Family Health Centers (11) – LAB, ADT**
- **MHG – ADT, LAB, Transcription, Discharge Summaries, Rad Results (in progress)**
- **SRHS – ADT, LAB, Radiology Results (in progress)**
- **HCS - OP Medication History**

MSCHIE Workgroups formed

- **Consumer Advisory Committee – Mtgs. 7/13, 7/31, 8/24 – next meeting 9/21**
- **Finance/Governance Workgroup – Mtgs. 7/14, 8/6, 8/25 – next meeting 9/22**
- **Compliance Officers/HIM Directors Committee – ongoing Mtgs. – next meeting 9/9**
- **Clinical and Technical Advisory Committees– being formed now**

Data Validation Period – further testing

- **Currently in validation/data population period – July, August, September**
- **Go Live Status – date dependent on stakeholder readiness, policies/procedures status and Consumer Advisory Committee endorsement**



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Provider Office Outreach Program

**Current Market Research Estimate: 213 Clinics in the
MSCHIE 6 County Area**

Phase I – Clinical Inbox/Results Distribution

- 11 Coastal Family Health Center Clinics (FQHC)
- 34 Hospital Stakeholder Clinics

Phase II – Clinical Inbox/Results Distribution

- Train New Stakeholder Clinics
- Train Certified Rural Health Clinics
- Train other Community Clinics as Requested

Phase II – EMR Push

- Deliver results directly to physician EHRs



Phase II/III – Project Discussions



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Additional Hospital Stakeholders

- **Hancock Medical Center (committed, specification review)**
- **George Regional Health System (committed, specification review)**
- **Biloxi Regional Medical Center (committed, specification review)**
- **Garden Park Medical Center (committed, specification review)**
- Highland Regional (active discussions, hold Phase III)
- Select Specialty, Stone County, Pearl River County (on hold)
- Keesler / VA Health System - Coast (interviewed, hold for FedConnect)

Payers/ State /Commercial Labs

- Medicaid (early discussions)
- Blue Cross/Blue Shield (early discussions)
- LabCorp (on radar)

MSCHIE Future Phases



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Other value-added MSCHIE-sponsored products & services to be considered in the future:

- **Patient Portal/Personal Health Record Support**
 - Support for personal health record population (e.g. Google Health)
 - State-sponsored patient portal
- **Ambulatory Order Initiation**
- **Medication Reconciliation**
- **Mobile/Hand-held**
- **Reporting/Analytics support for Biosurveillance/Public Health and Registries**





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“The Near Future” - Health Information Exchange (HIE) across Mississippi

*HHS/ONCHIT – Office of National Coordinator of Health Info.
Technology announced \$1.2B in grant funding in August,
'09*

Two Federal Grant Notifications - 4 Year Projects

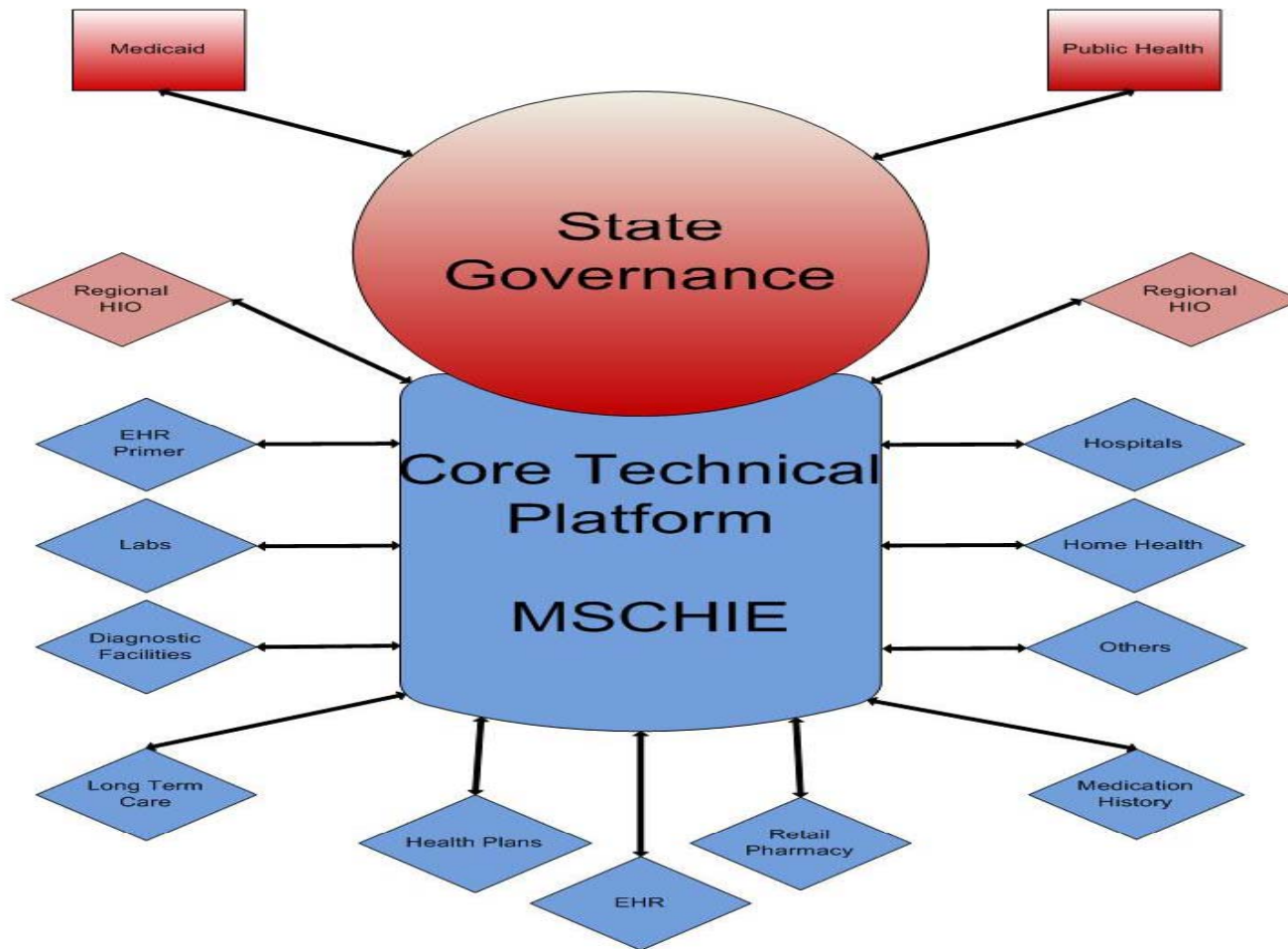
- **Regional HIT Extensions Centers** (IQH submitting grant application)
- **State Health Information Exchange Cooperative** (grant for each state)
 - Letter of Intent due Sept 11th (from Governor's office)
 - Initial 3 Month Planning Phase, funding starts in 01/2010



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State HIE Possibilities- the MHIN





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Bring it on!

