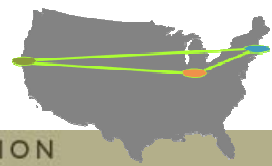


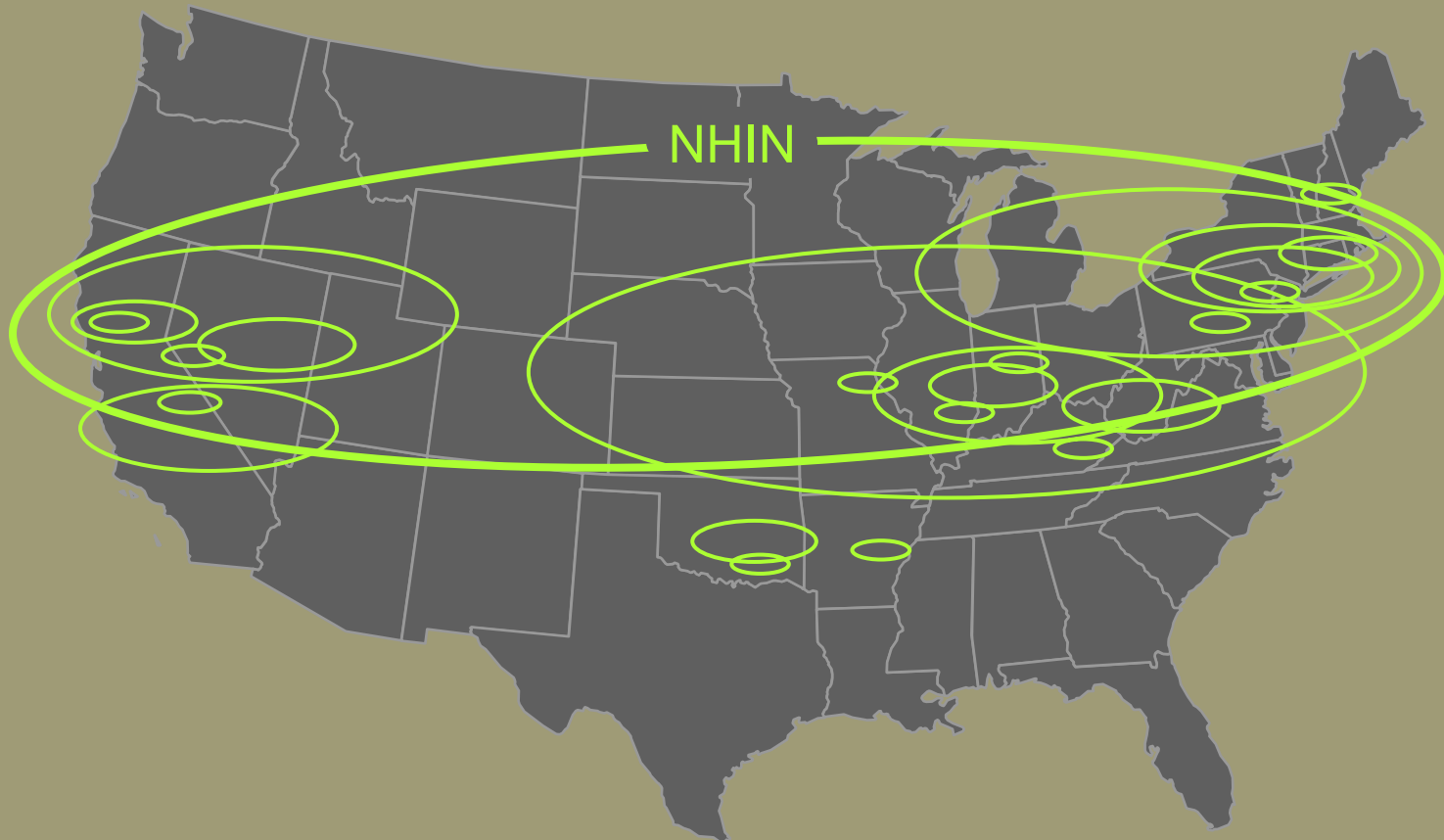
CSC and the Connecting for Health Team

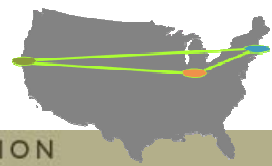
NATIONWIDE HEALTH INFORMATION NETWORK
Cost & Revenue Model





The CSC Connecting for Health Nationwide Health Information Network (NHIN)





E-mail

Organization

E-mail clients

E-mail server

User directory

Internet connectivity

SMTP

???

NHIN

SNO

HIT applications

Inter-SNO bridge

Record Locator Service

Internet connectivity

Standards

Policies

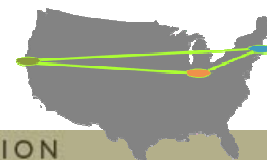


EXPERIENCE. RESULTS.

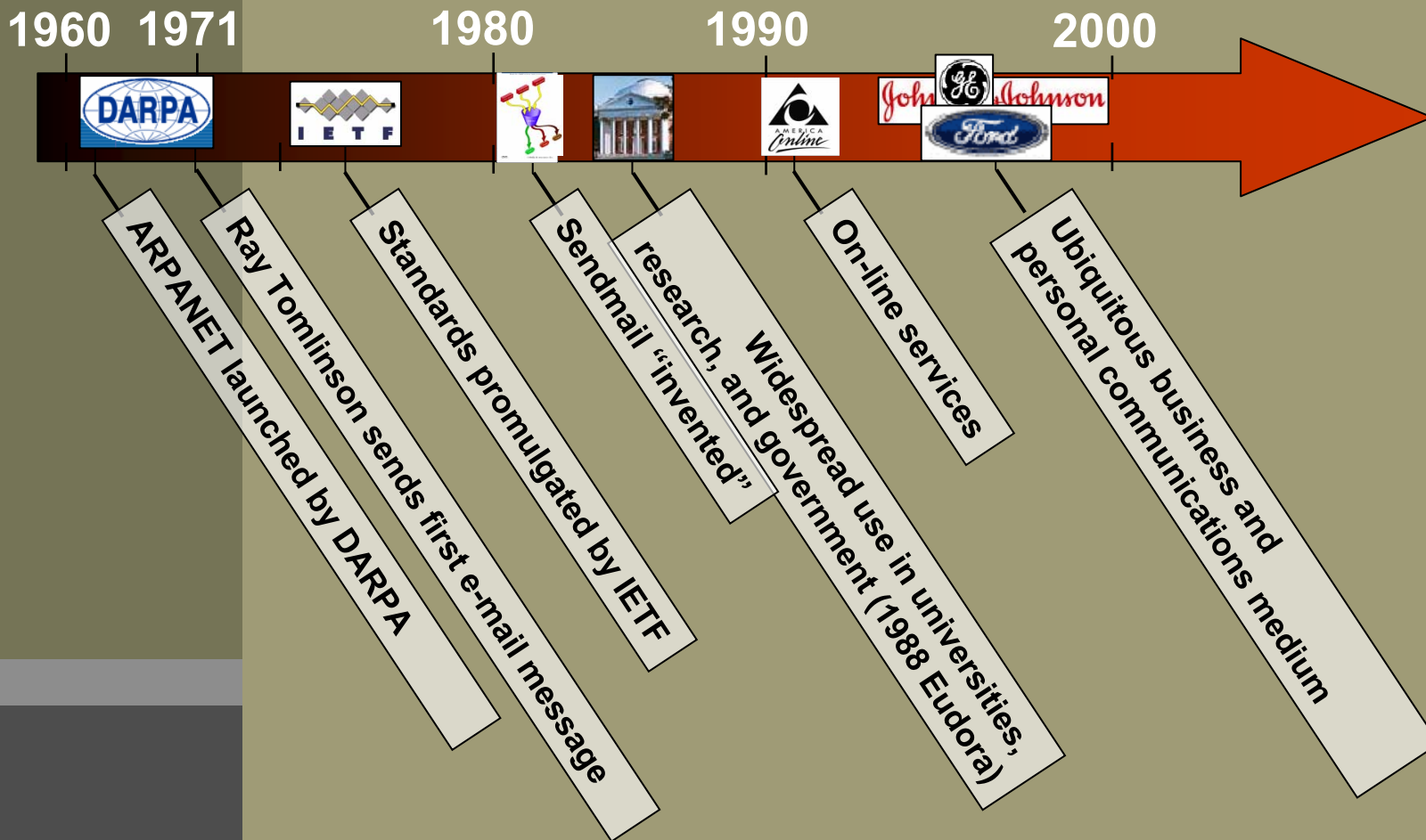
CONNECTING FOR HEALTHSM

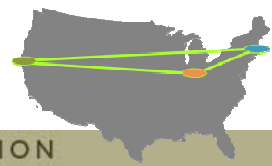
MARKLE FOUNDATION

A Public-Private Collaborative



NATIONWIDE HEALTH INFORMATION NETWORK PROTOTYPE PRESENTATION





What is the value created by e-mail?

- It increases efficiency within organizations
- It enables (increasingly) new business models (e.g. shared scheduling through e-mail, workflows, etc)
- It increases internet bandwidth demands leading to demand for fiber, network switches and other hardware
- It enables innovation by software vendors who create e-mail clients and servers



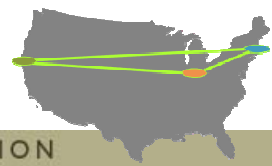


EXPERIENCE. RESULTS.

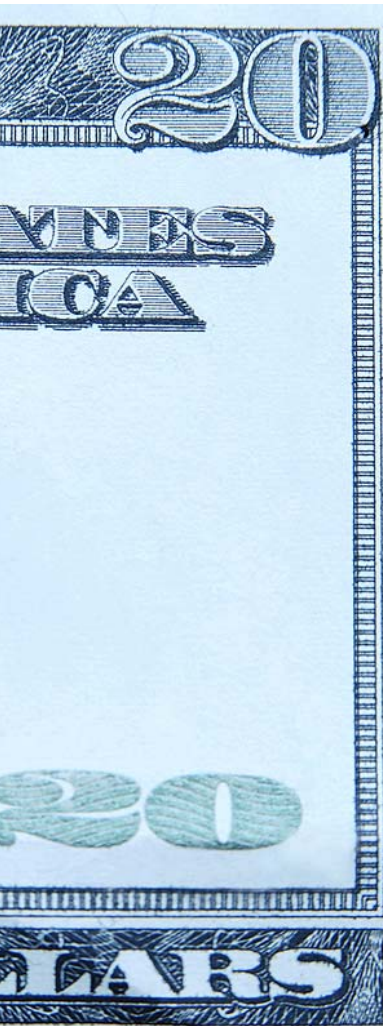
CONNECTING FOR HEALTHSM

MARKLE FOUNDATION

A Public-Private Collaborative



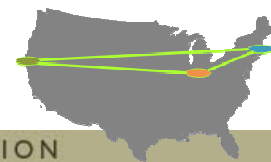
NATIONWIDE HEALTH INFORMATION NETWORK PROTOTYPE PRESENTATION



Transactional Value – Consists of functionality-specific cost savings and revenue gains that accrue to the parties engaging in a health data transaction.

Clinical Value – Created by medical personnel changing care as a direct result of HIE implementation, and thus achieving better outcomes (whether measured in terms of improved quality, better patient safety, or some other measure).

Business Value – The total effect of increased demand for SNO services leading to either higher volumes or higher prices for the users and suppliers of data as a result of HIE capabilities.



Services

Potential services built on a NHIN

- Clinical Data Summary Provision
- Clinical Messaging
- Results Management and Delivery
- Order Entry/Management
- e-Prescribing
- Decision Support
- Patient Support
- Administrative Processing
- Reporting and Population Health
- Electronic Communication and Connectivity
- Security Services
- Participant registry and directory services
- Audit and Consent Management
- Data Storage
- Data Mapping or De-Identification
- Data Analysis

**Results Review
Doctor "Pulls"**

comprehensive patient
clinical data
No business model yet

Clinical Quality Services

"Push" results to providers
and payors
Fee from payors per patient

Clinical Messaging

- "Push" results to the ordering and copy to providers
- Fee from source per message delivered, sliding schedule based on volume

Electronic Laboratory Reporting

"Push" reportable laboratory
results to public health
No business model yet

Other

Syndromic Surveillance

"Push" encounter data to
public health
Annual fee based on number
of participating hospitals

Clinical Abstract

"Push" summary of patient's
clinical data to doctor
No business model yet

Medication Reconciliation

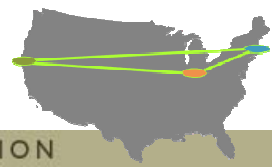
"Push" medication
history to hospital or
practice
• Fee from hospital per
medication history
delivered

Clinical Research

Fee to researcher based on
retrieval

Grants / Contract

- Foundation
- Fee



The CSC Connecting for Health Nationwide Health Information Network (NHIN)

