



Department of Health & Human Services  
Office of the National Coordinator for  
Health Information Technology

# Session 5.2 Information Distribution Approaches





# Panel Members

## Moderator

**Wes Rishel, Gartner**

## Panelists

**Marc Overhage, representing Computer Sciences Corporation (President and CEO, Indiana Health Information Exchange, Professor of Medicine, Indiana University School of Medicine, Director, Regenstrief Institute)**

**Greg Pfister, Manager, Clinical Systems Development, Northrop Grumman**

**Nick Christiano, Vice President and CIO of HealthQuest**



# Information Distribution Approaches

**While there has been substantial focus on health information network functionality that can support data retrievals, there are also needs for source-initiated data distribution.**

**Examples could included “pushed data” to support referrals, data updates and disease reporting.**

**Two approaches for “pushing data” include**

- **“store and forward” data routing**
- **“publish subscribe” methods**

**This session will focus on the attributes of different information distribution approaches along with the needs that each has for provider identification, data addressing and authentication**



## **Specific Issues for the Panel**

**To help frame the discussion we have asked the panel to address some specific architectural issues related to information distribution, including**

- 1. Provider and organizational directories needed to support routing of messages**
- 2. Differing authentication needs for push strategies**
- 3. Matching the provider and the delivery address including location (facility, practice, hospital, etc.) at which the provider is located to push message (and ensuring the proper data gets to the proper place)**
- 4. Approaches to notifications about the availability of the data**