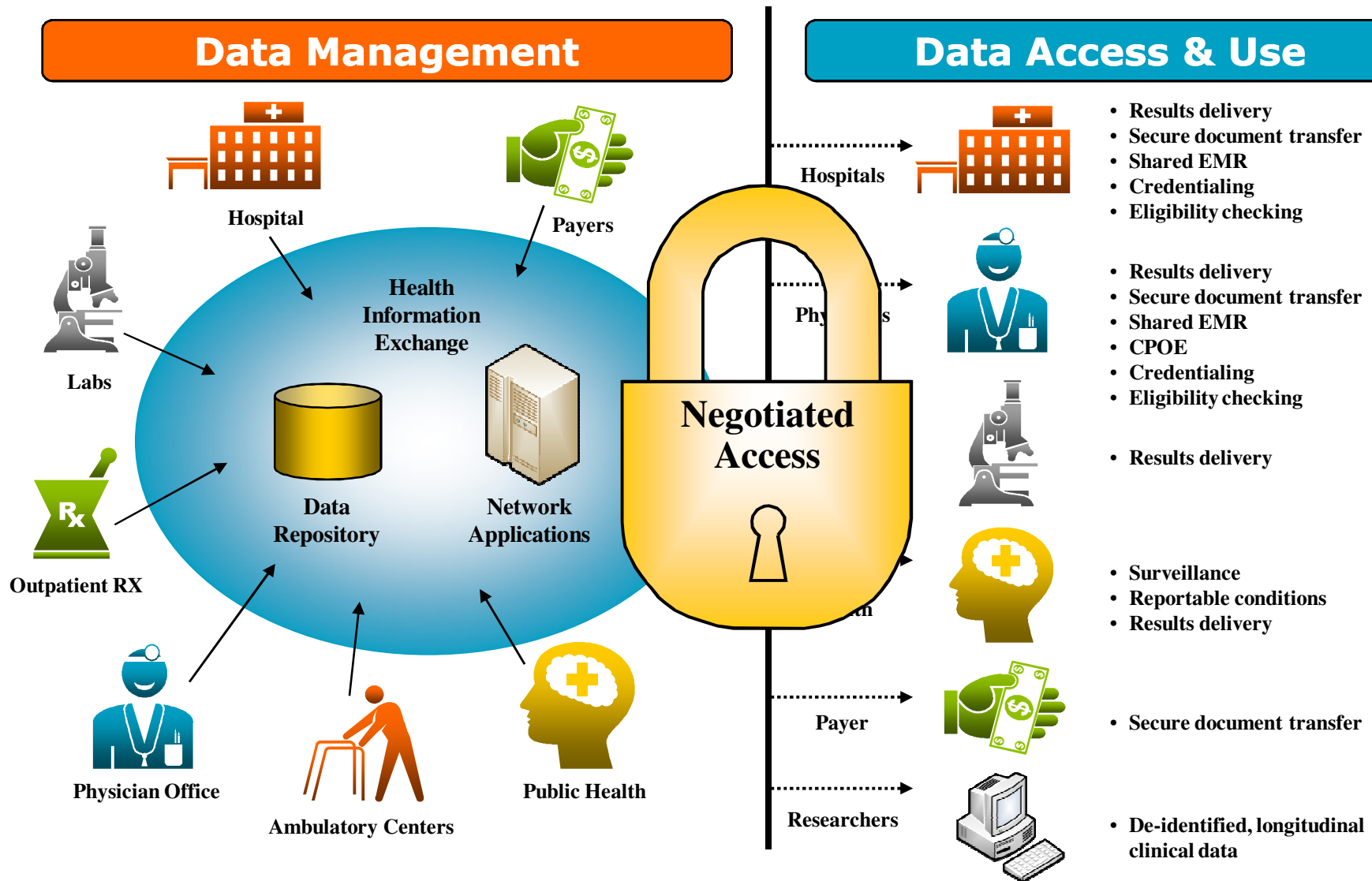


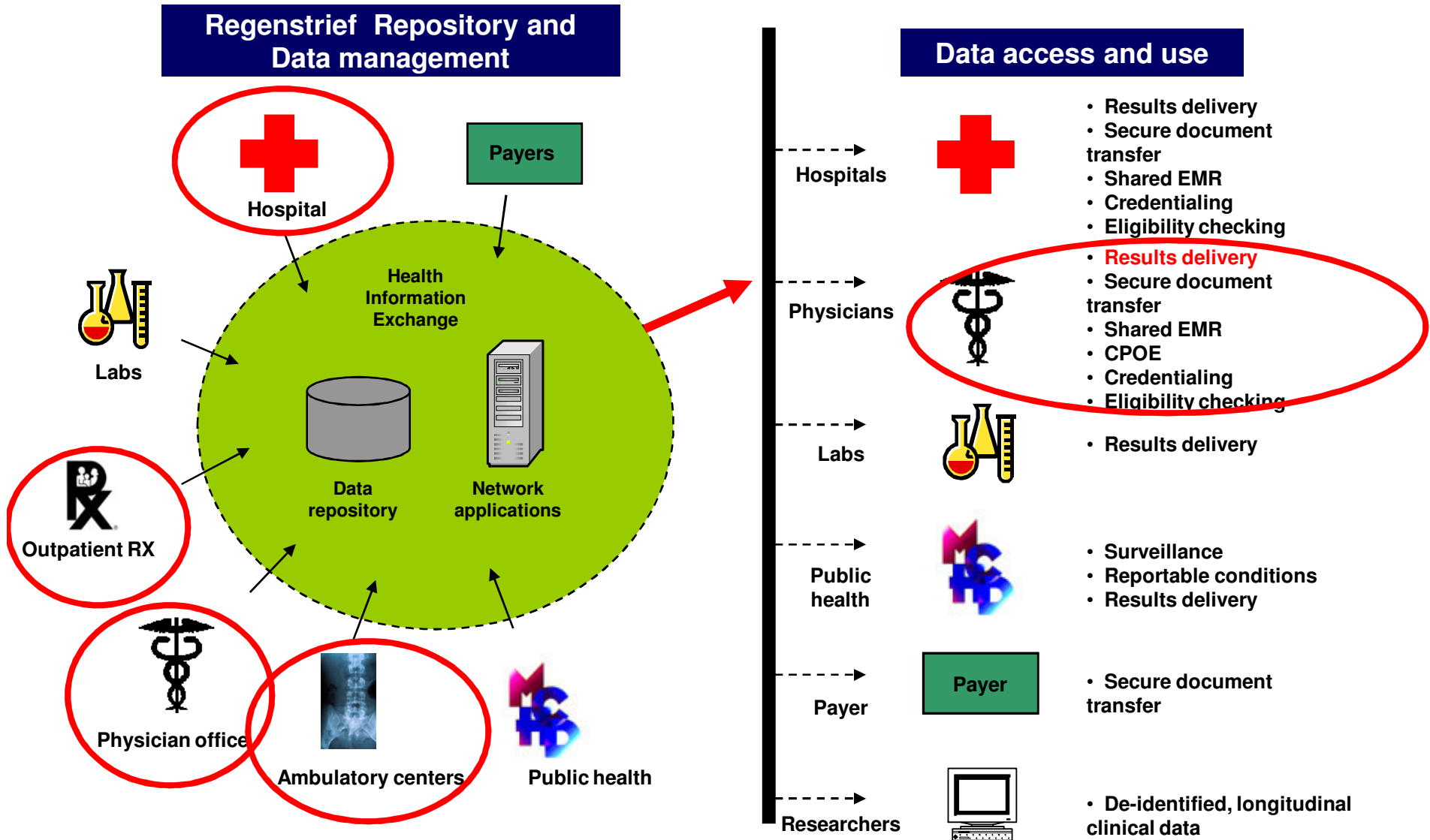
Integrating Information Across Organizations to Enhance Quality of Care: Regenstrief Institute Examples

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President and CEO, Regenstrief Institute
Associate Dean for Health Care Research,
Indiana University School of Medicine

The Regenstrief Technical Landscape



Example 1: Prescribing Alerts



Patient Profile: Mary Paltrow

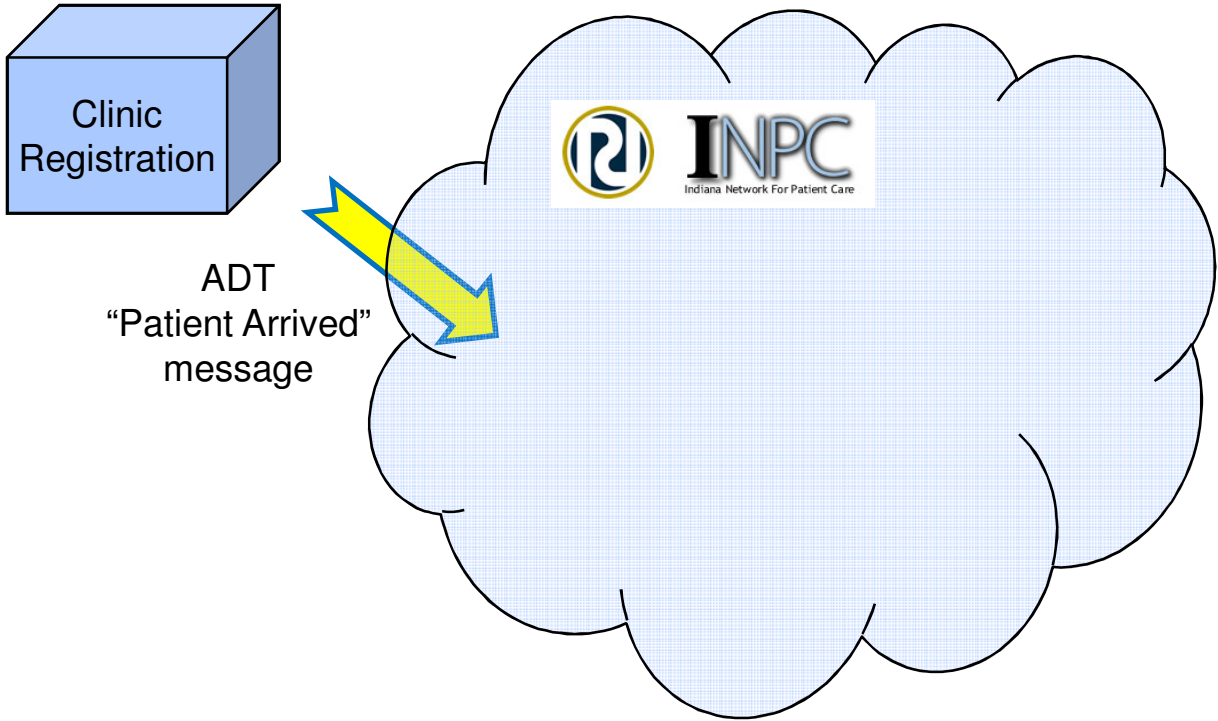
- Mrs. Mary Paltrow
 - 57 year old female
 - recently moved to Indianapolis
 - previously lived in Ohio
- Where are her medical records?
 - HealthBridge (HIE in Cincinnati)
 - HealthLINC (HIE in Bloomington)
 - Indivo Personal Health Record (PHR)
 - RxHub (Commercial Pharmacy Benefit Manager)



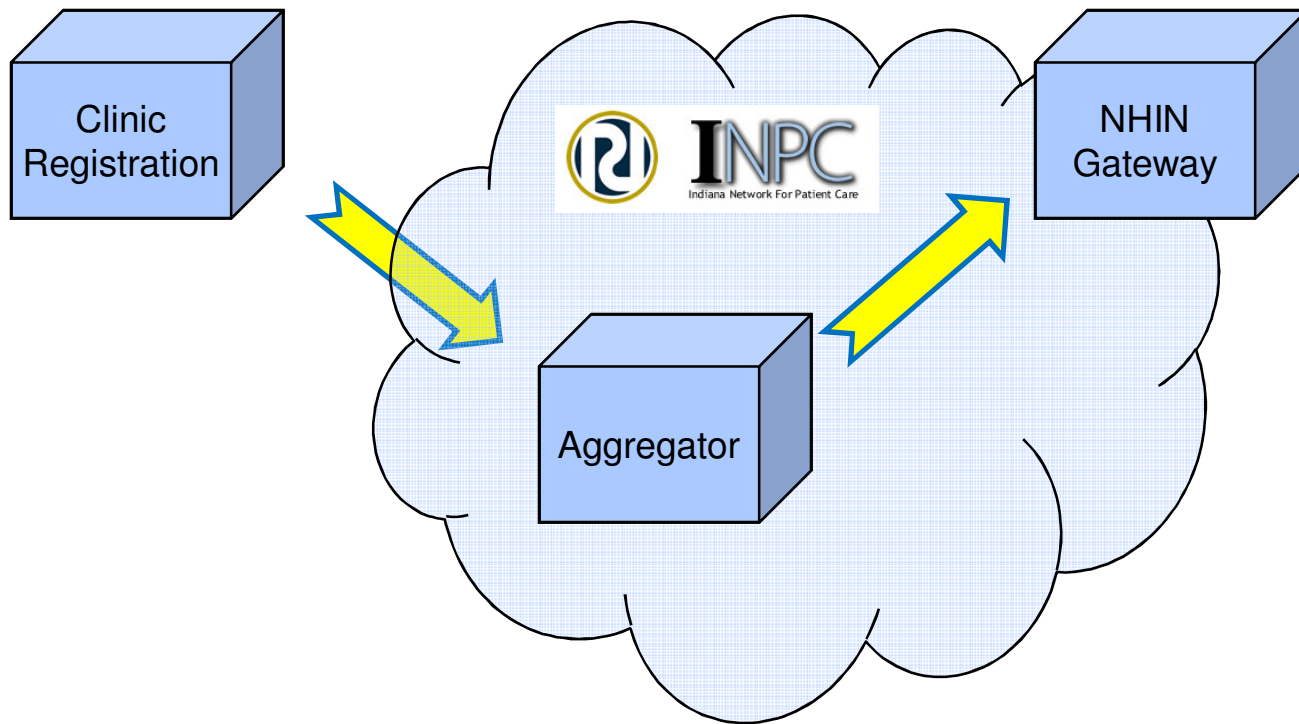


- Mrs. Paltrow visits the Wishard Medicine Clinic
- She has come for an “Initial Visit” appointment at 10:00am with Dr. Inui
- Upon arrival, Mrs. Paltrow checks in with the front desk
- Front desk staff enter her information into the clinic registration system

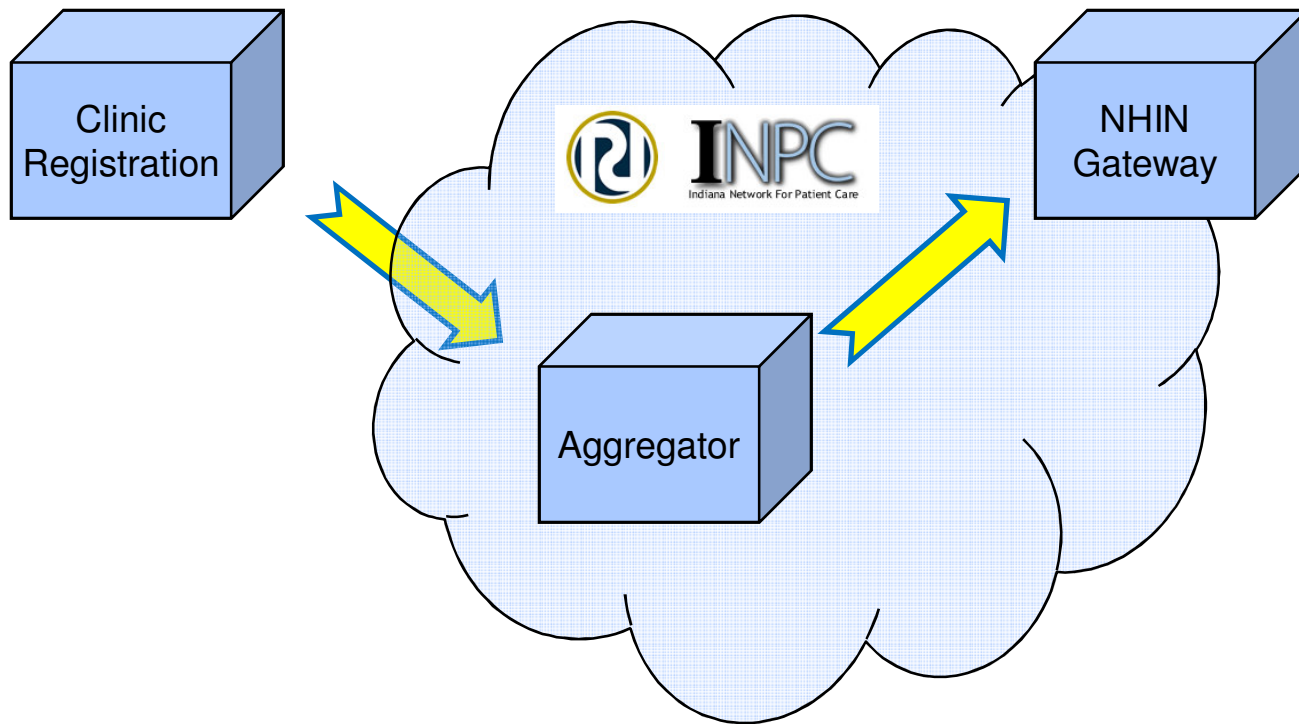
Information Flow: Registration Message



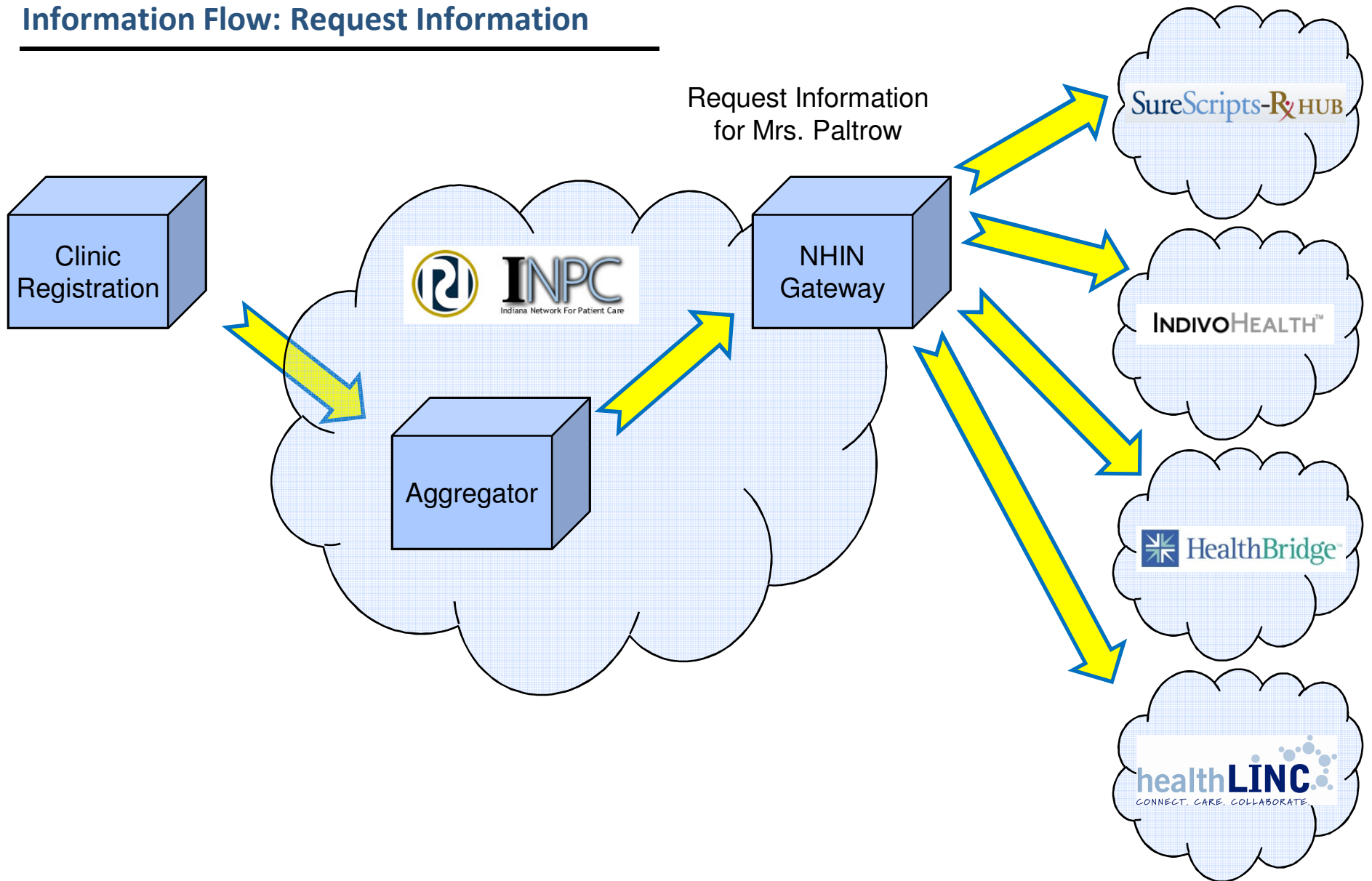
Information Flow: Internal Request Generated



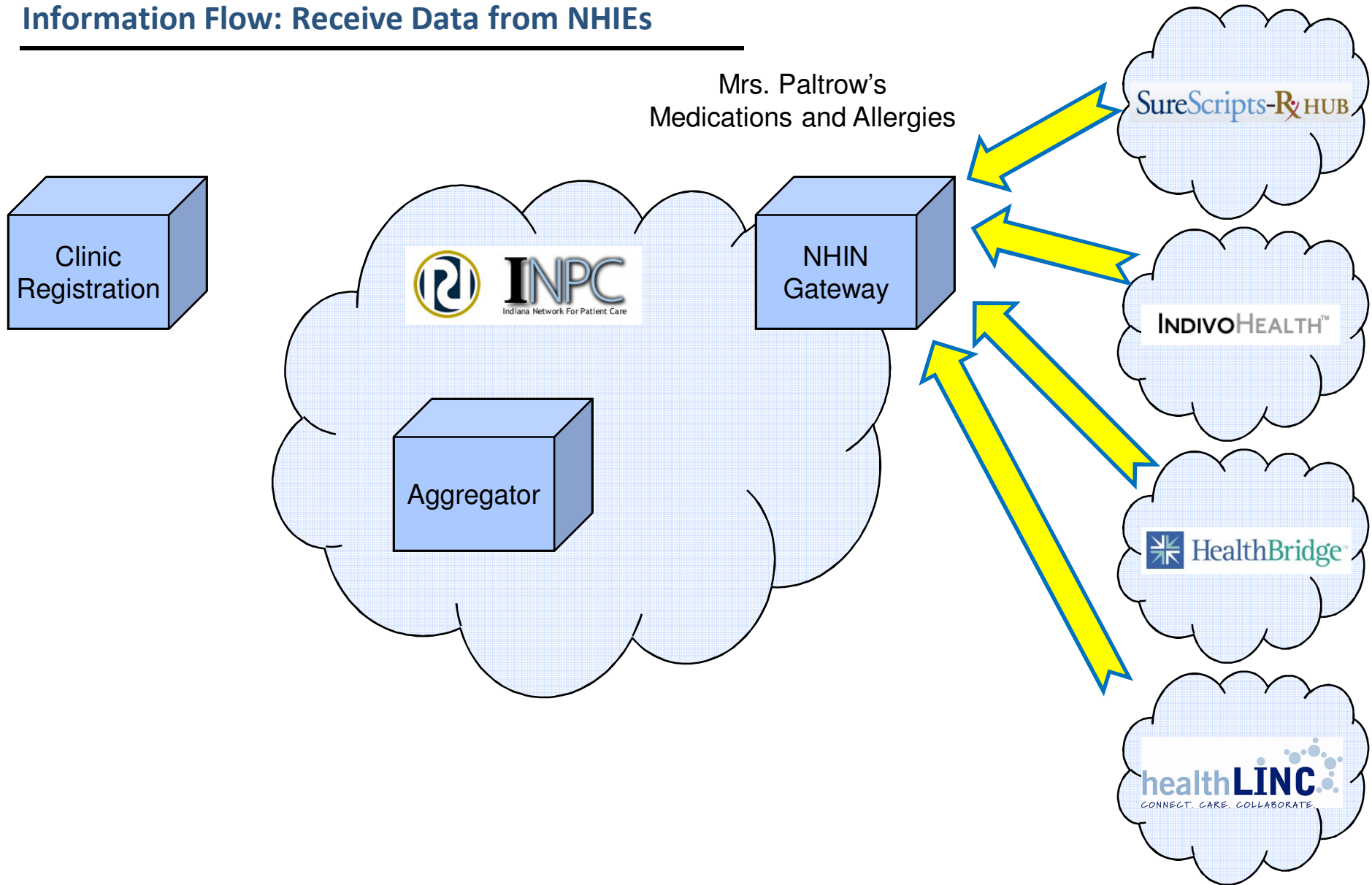
Information Flow: External Sites Identified



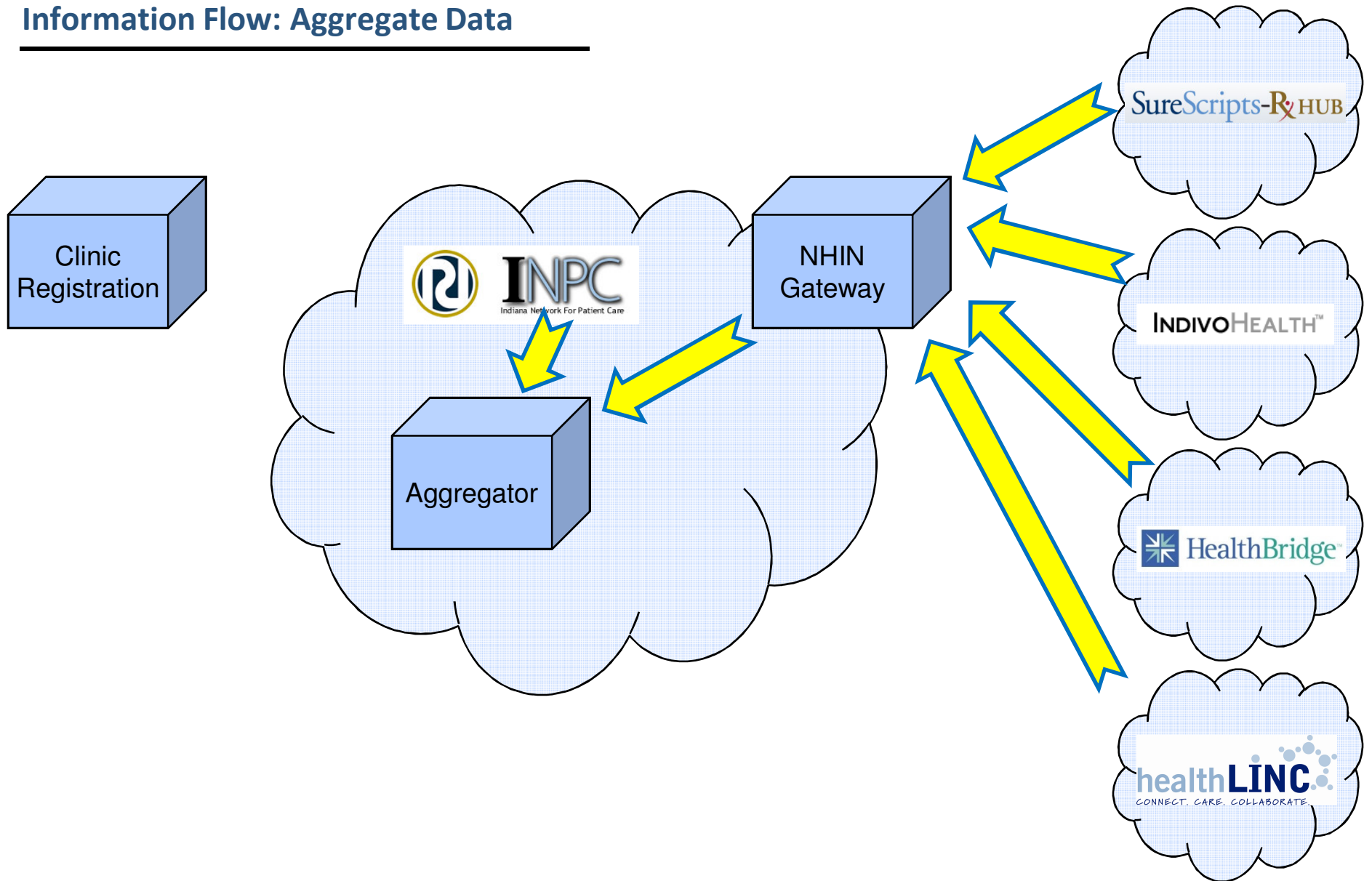
Information Flow: Request Information



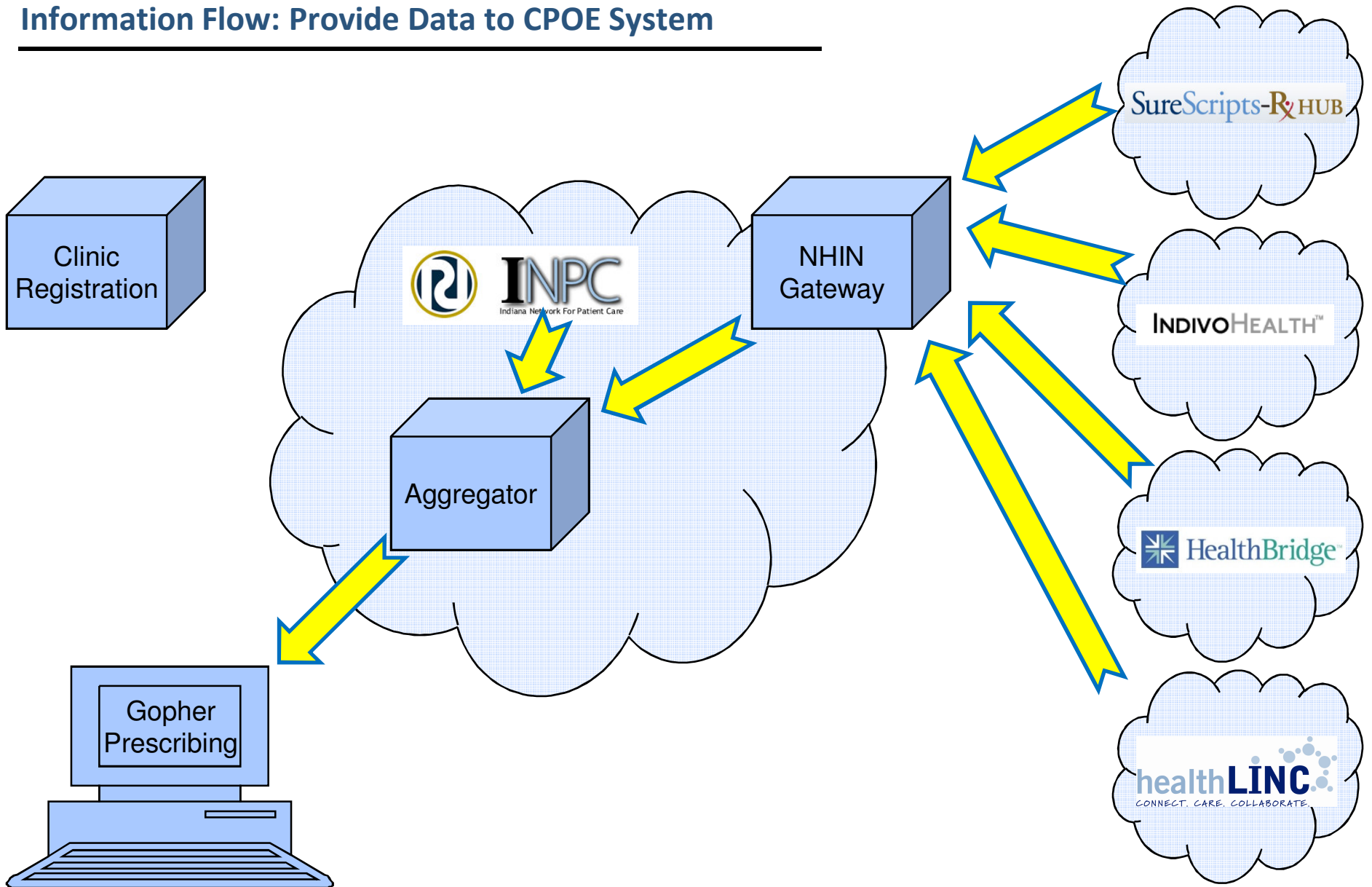
Information Flow: Receive Data from NHIEs



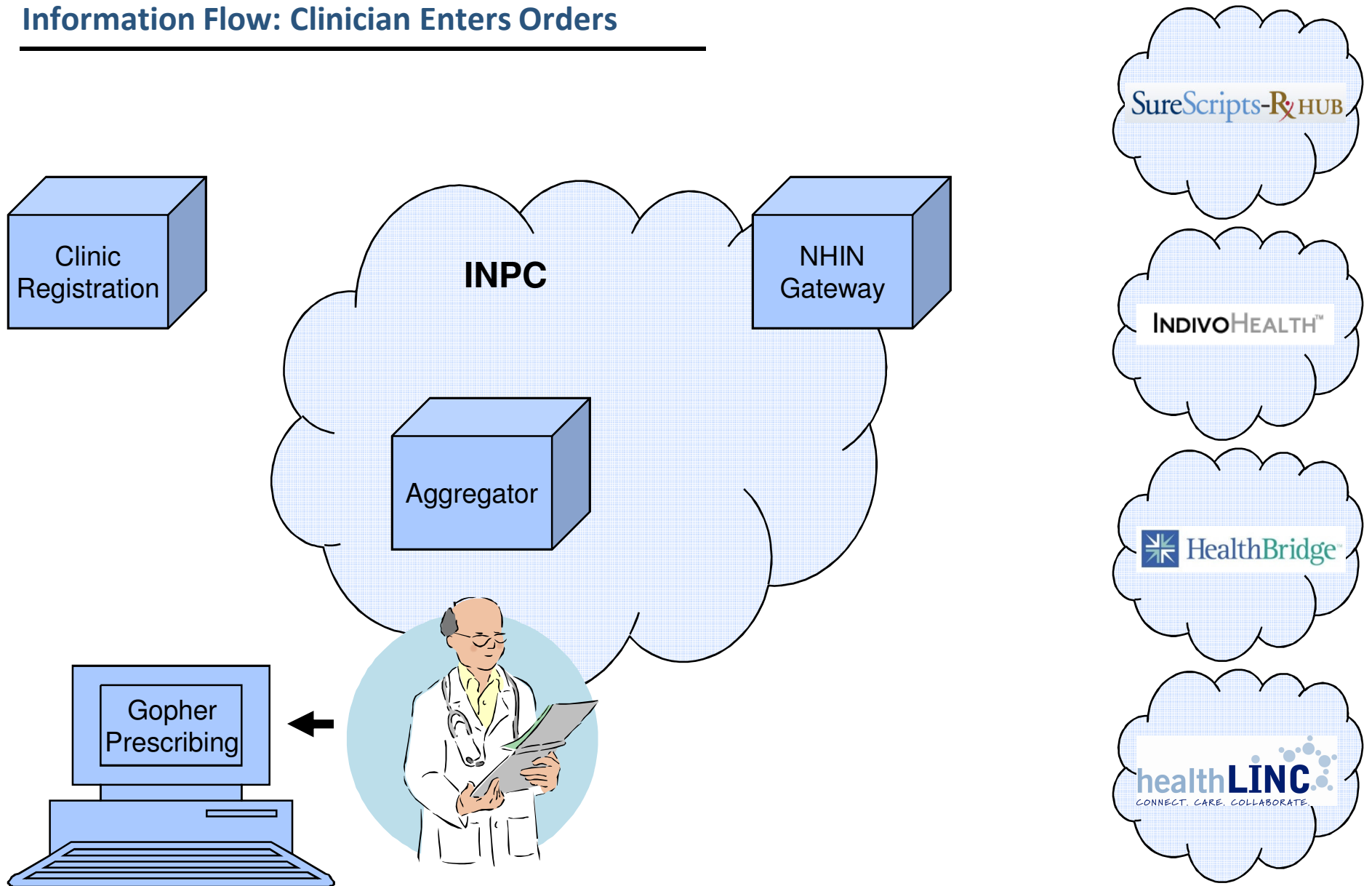
Information Flow: Aggregate Data



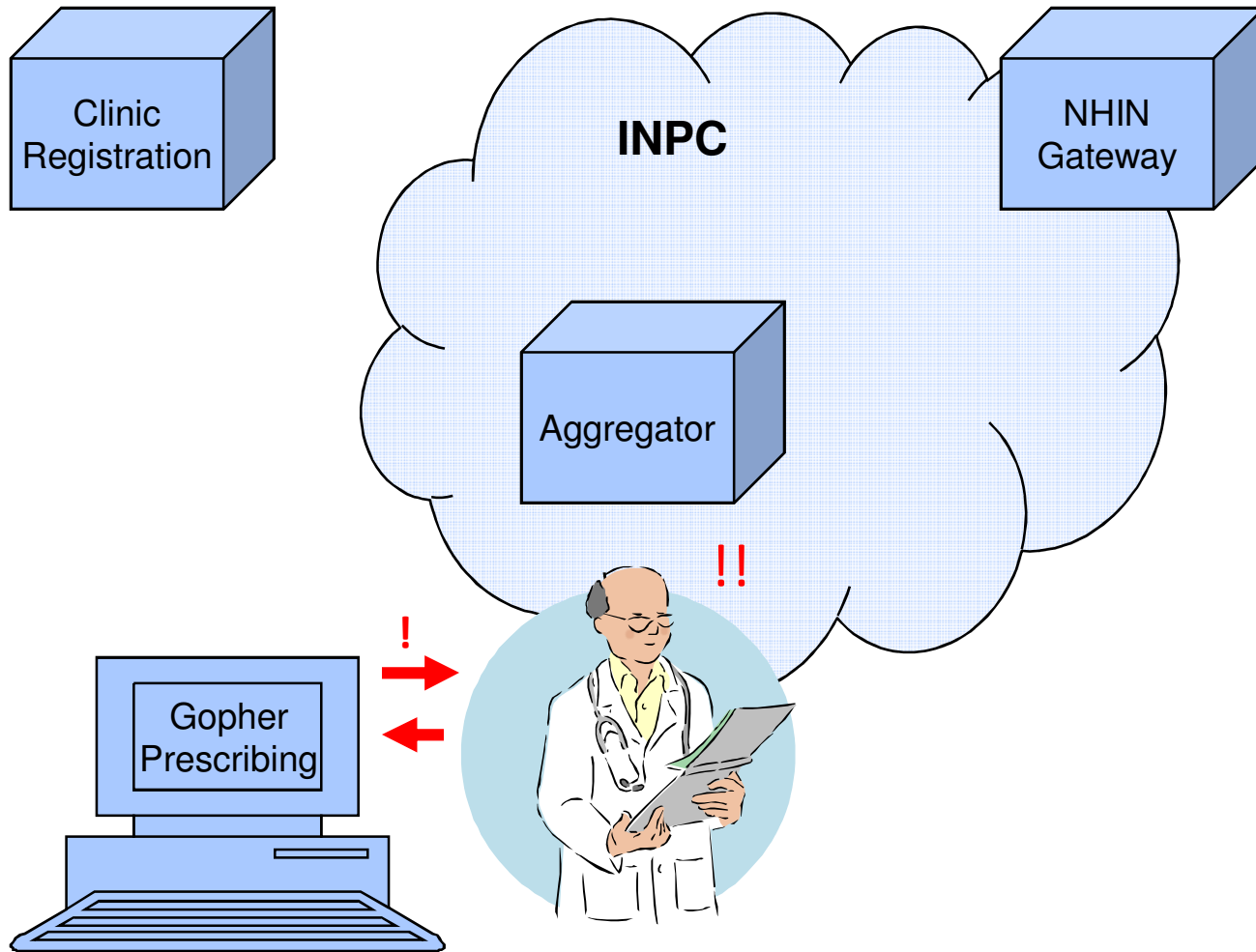
Information Flow: Provide Data to CPOE System



Information Flow: Clinician Enters Orders



Medication Alert! Dr. Inui learns that Mrs. Paltrow has a Documented allergy to drug A and switches to drug B.



Other Examples: MRSA Alerts, Ambulance Decision Support

