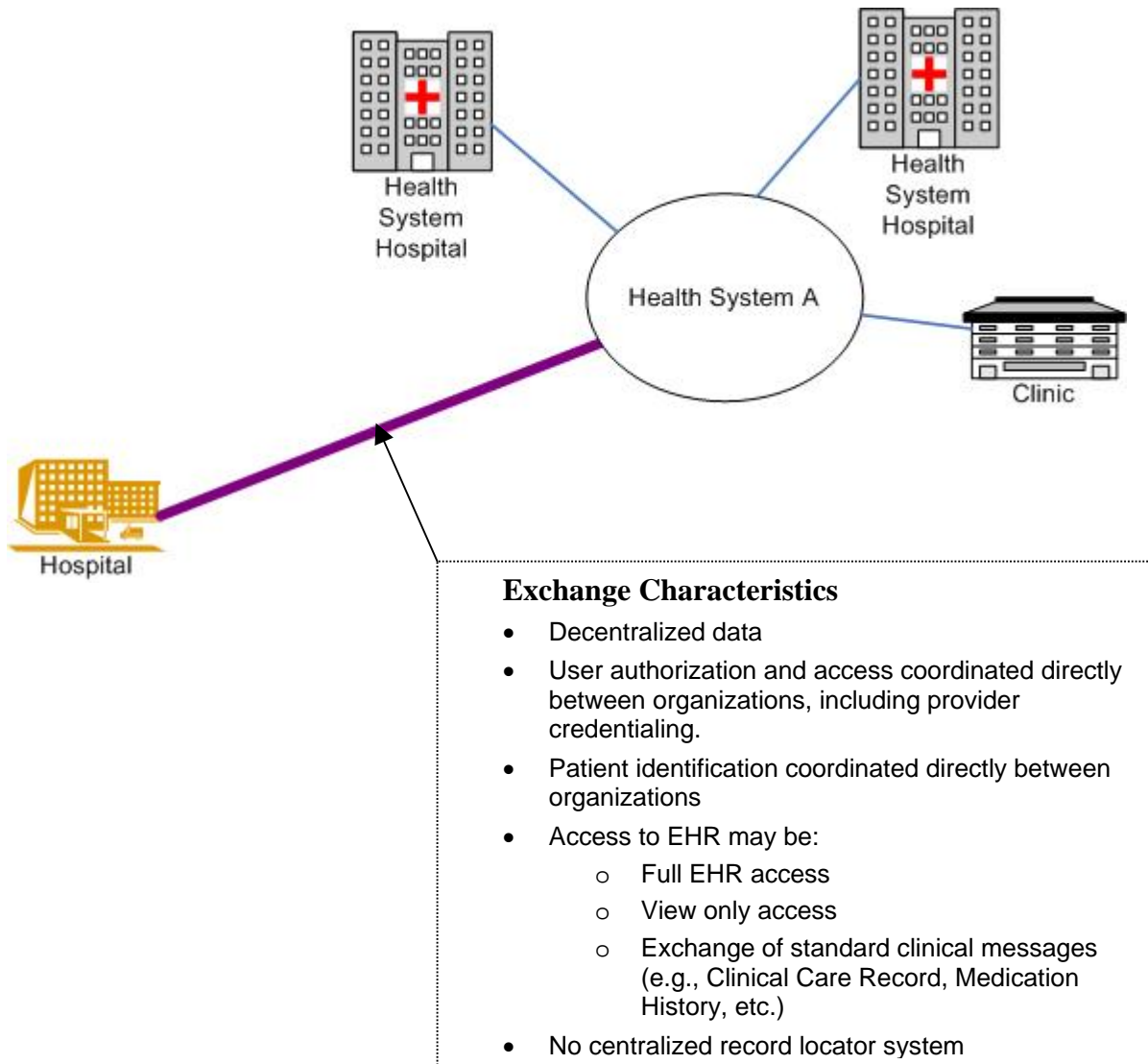


# A Current Model of Health Information Exchange

## Direct Peer-to-Peer Exchange

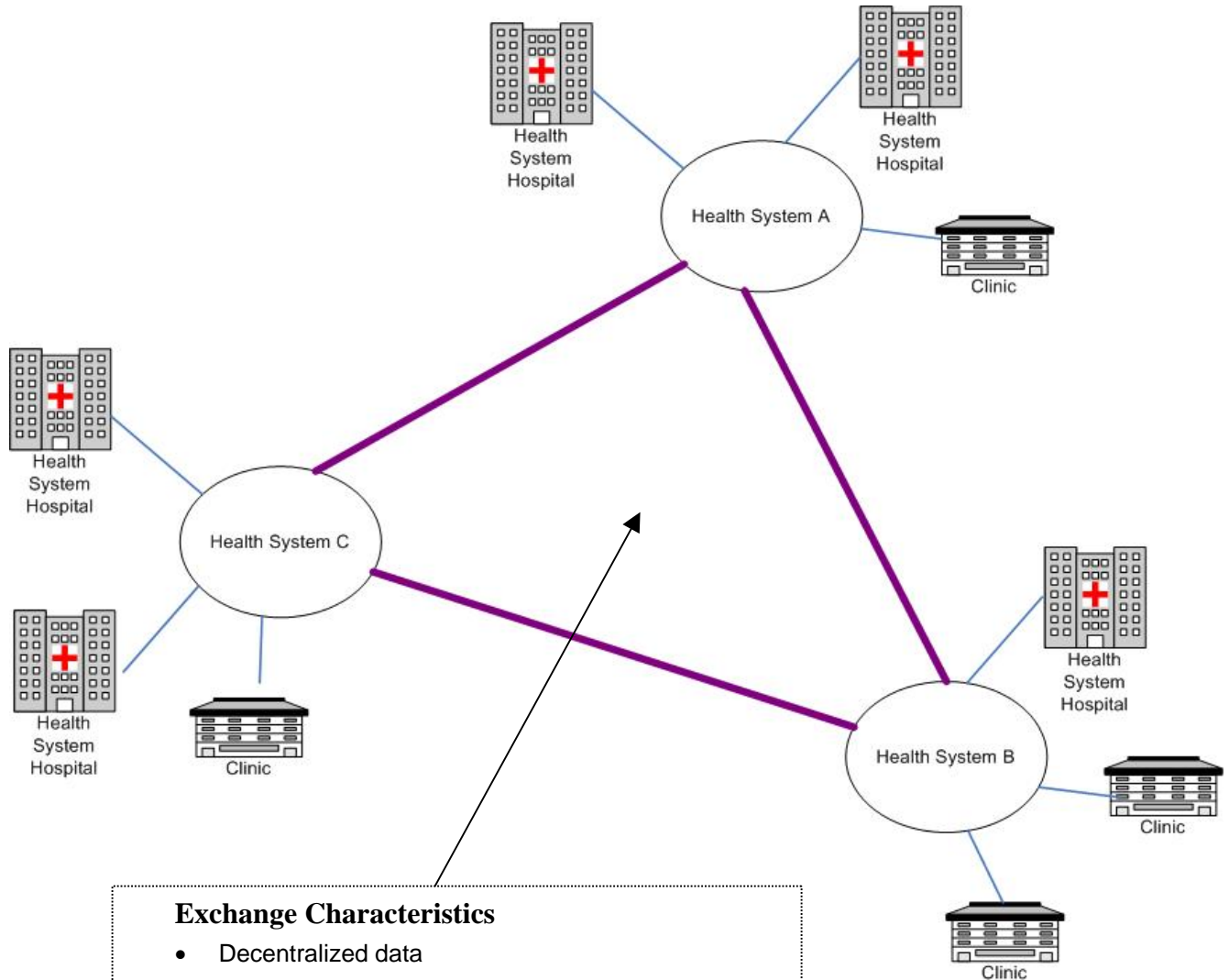
(Health System A and Community Hospital)



# A Current Model of Health Information Exchange

## Direct Peer-to-Peer Exchange

(Health System A, Health System B and Health System C)



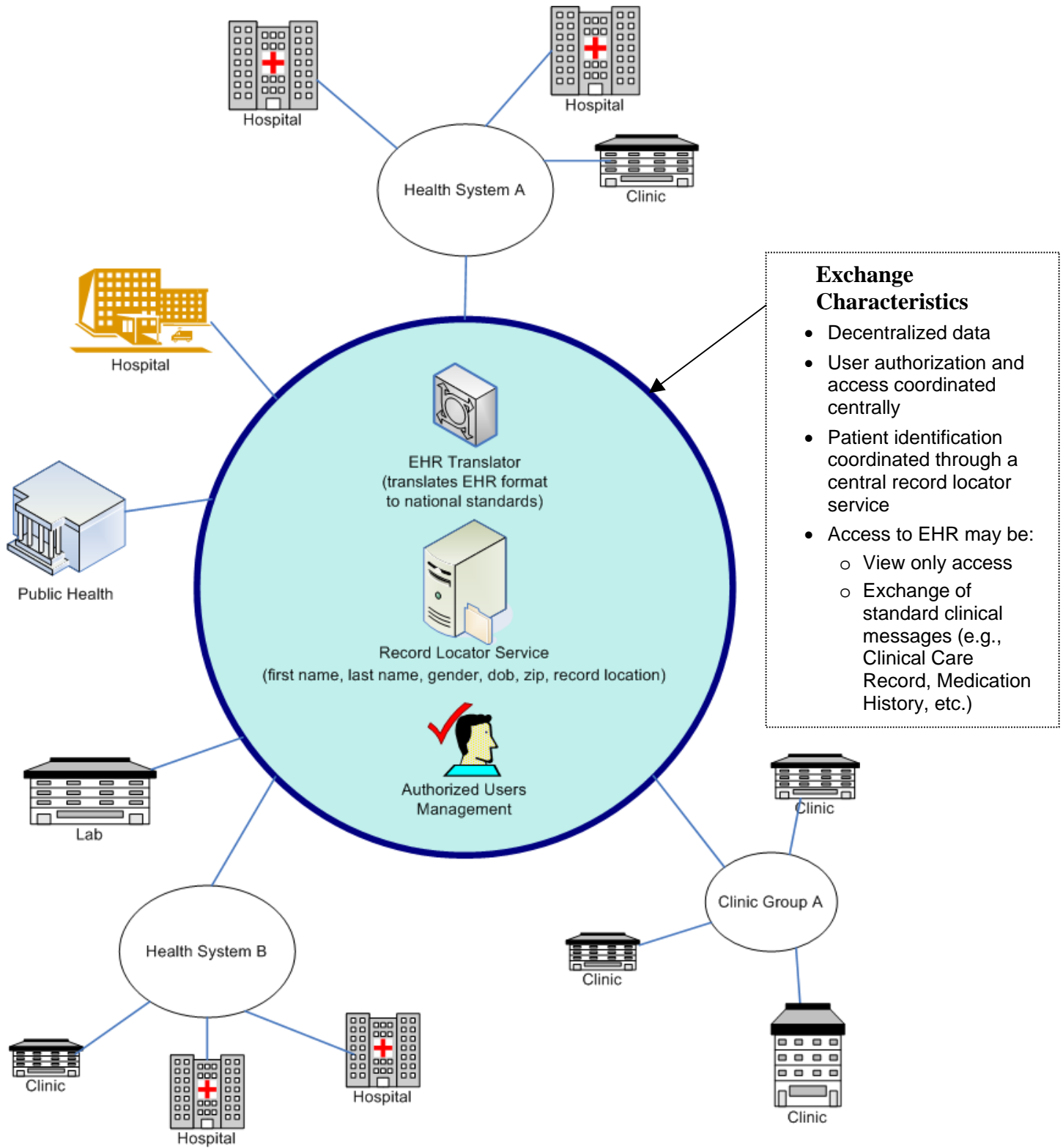
### Exchange Characteristics

- Decentralized data
- User authorization and access coordinated directly between organizations
- Patient identification coordinated directly between organizations
- Access to EHR may be:
  - Full EHR access
  - View only access
  - Exchange of standard clinical messages (e.g., Clinical Care Record, Medication History, etc.)
- No centralized record locator system

# An Emerging Model of Health Information Exchange

## Direct Peer-to-Peer Exchange with Centralized Administration

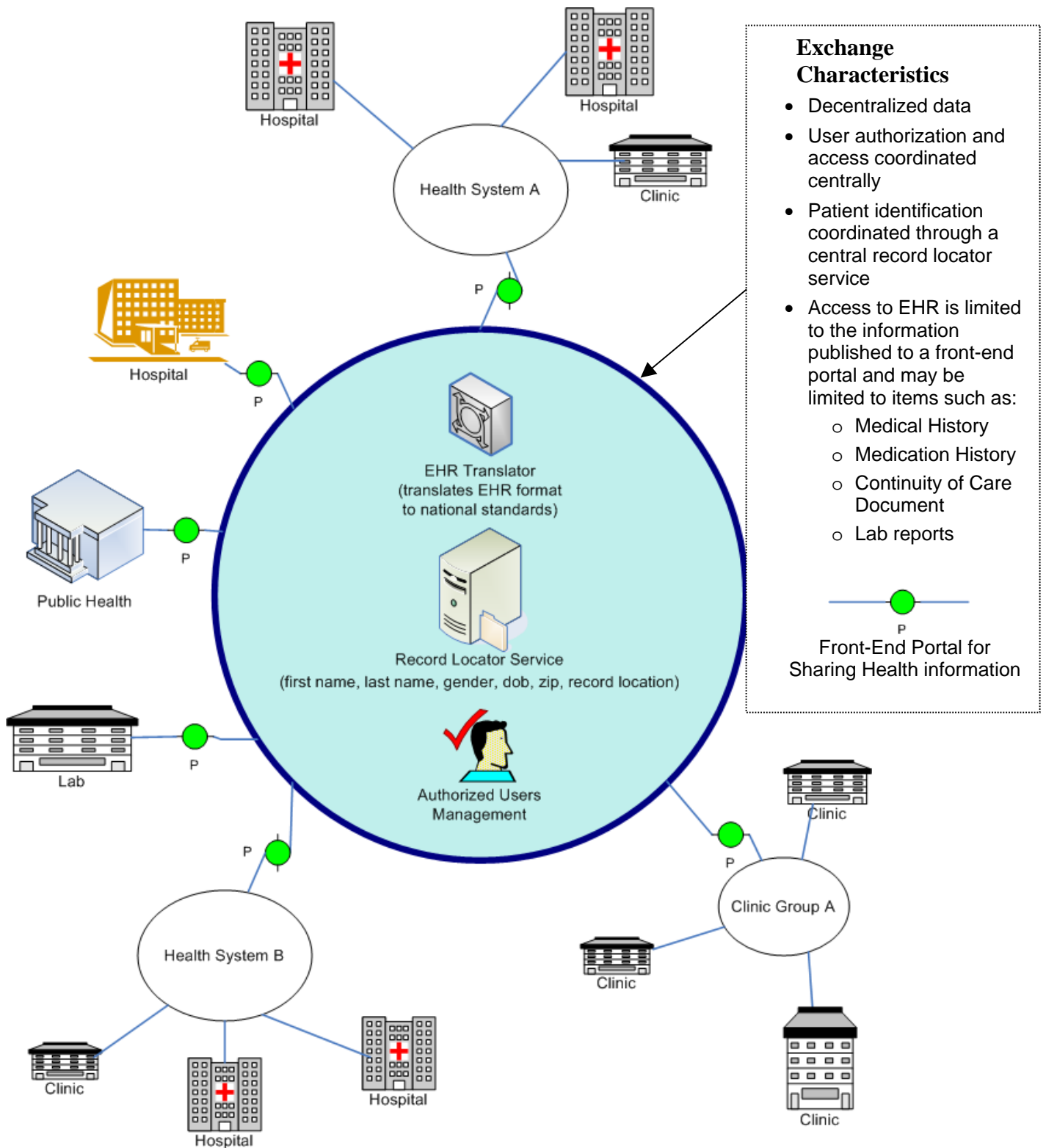
(Many Health Systems, Provider Groups, Labs, and Other Providers)



# An Emerging Model of Health Information Exchange

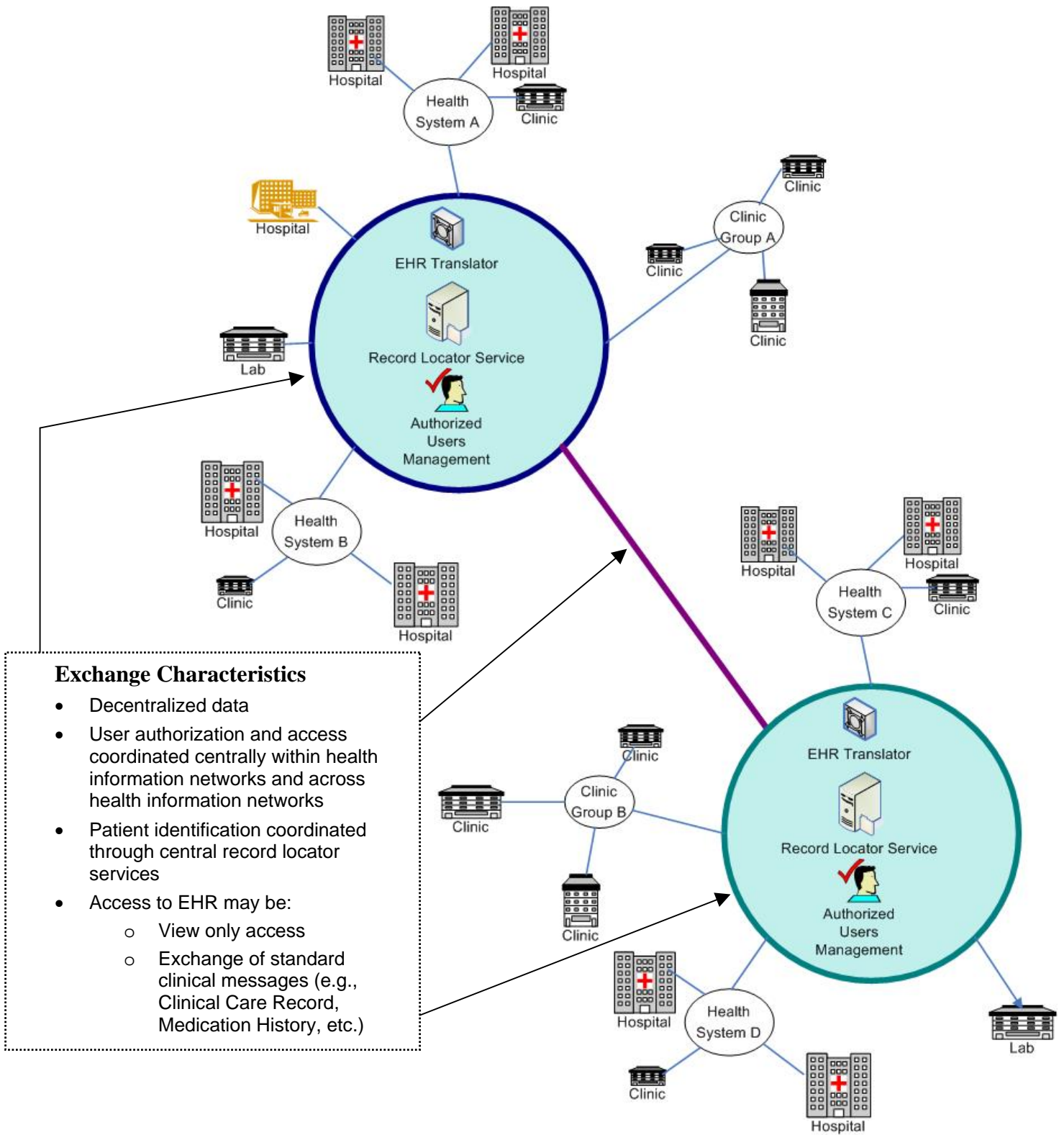
## Direct Peer-to-Peer Exchange with Centralized Administration

(Using a front-end portal for sharing health information)



# A Current Model of Health Information Exchange

## Health Information Network to Health Information Network Exchange

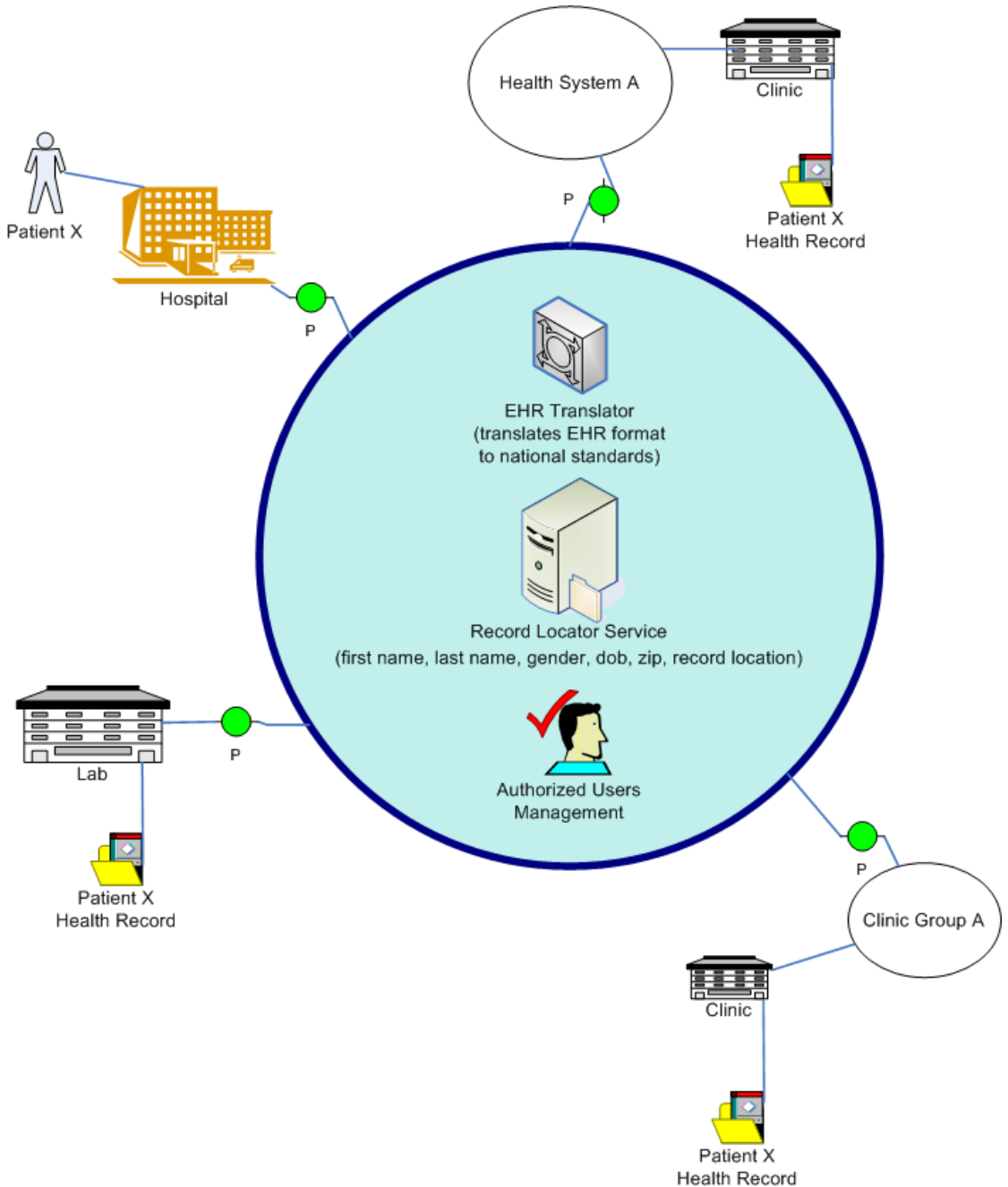


# An Emerging Model of Health Information Exchange

## Example One: Late Evening Arrival in Hospital Emergency Room

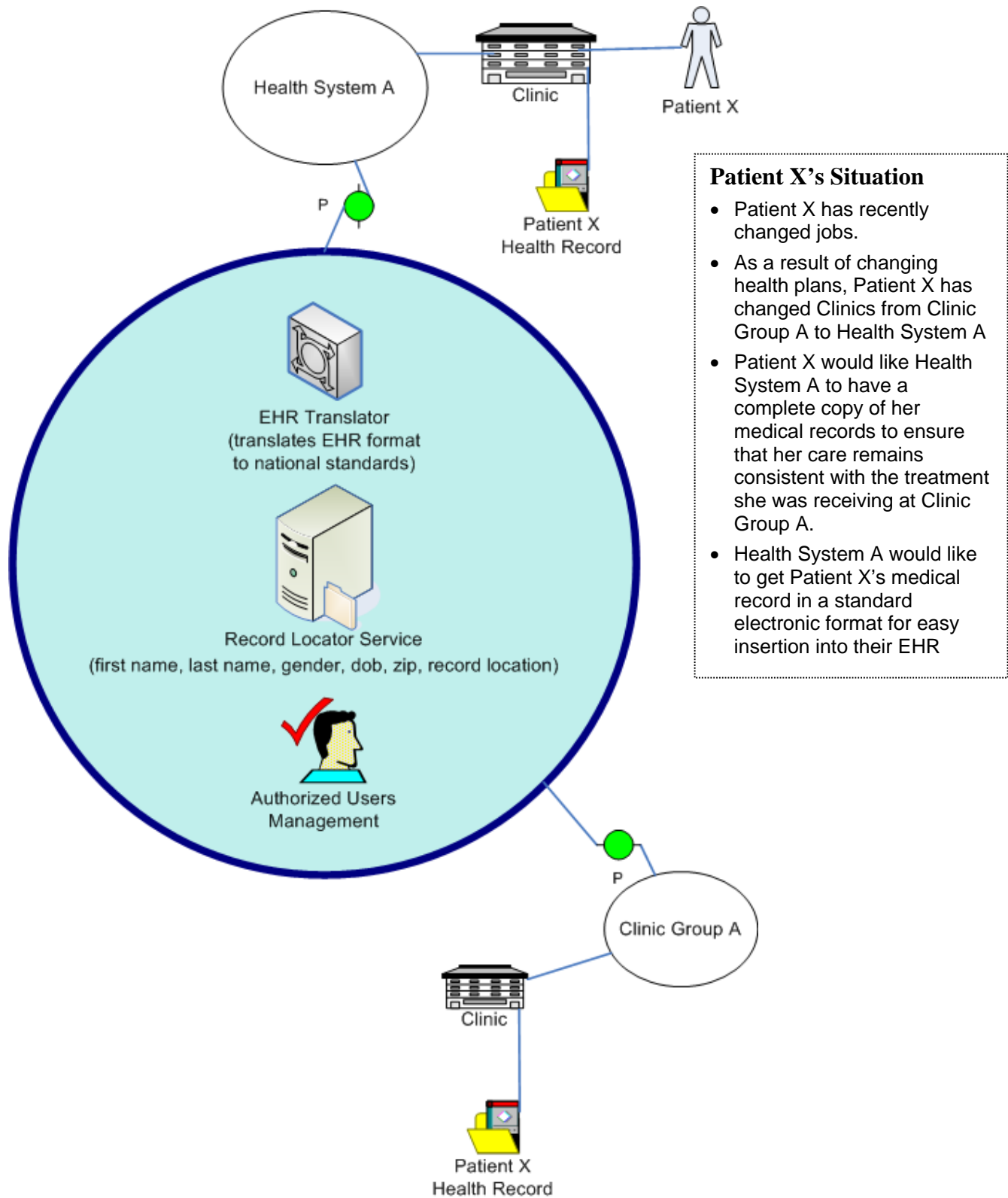
### Patient X's Situation

- Patient X has a number of chronic conditions, including:
  - Parkinson's Disease
  - Diabetes
  - Asthma
- Patient X receives primary care at a Clinic in Health System A and also regularly care from a specialist in a Clinic in Clinic Group A
- Patient X presents at the Hospital at 9:00 pm with a variety of symptoms
- Medical staff at would like to get Patient X's:
  - Medical History
  - Medication History
  - Most recent lab results



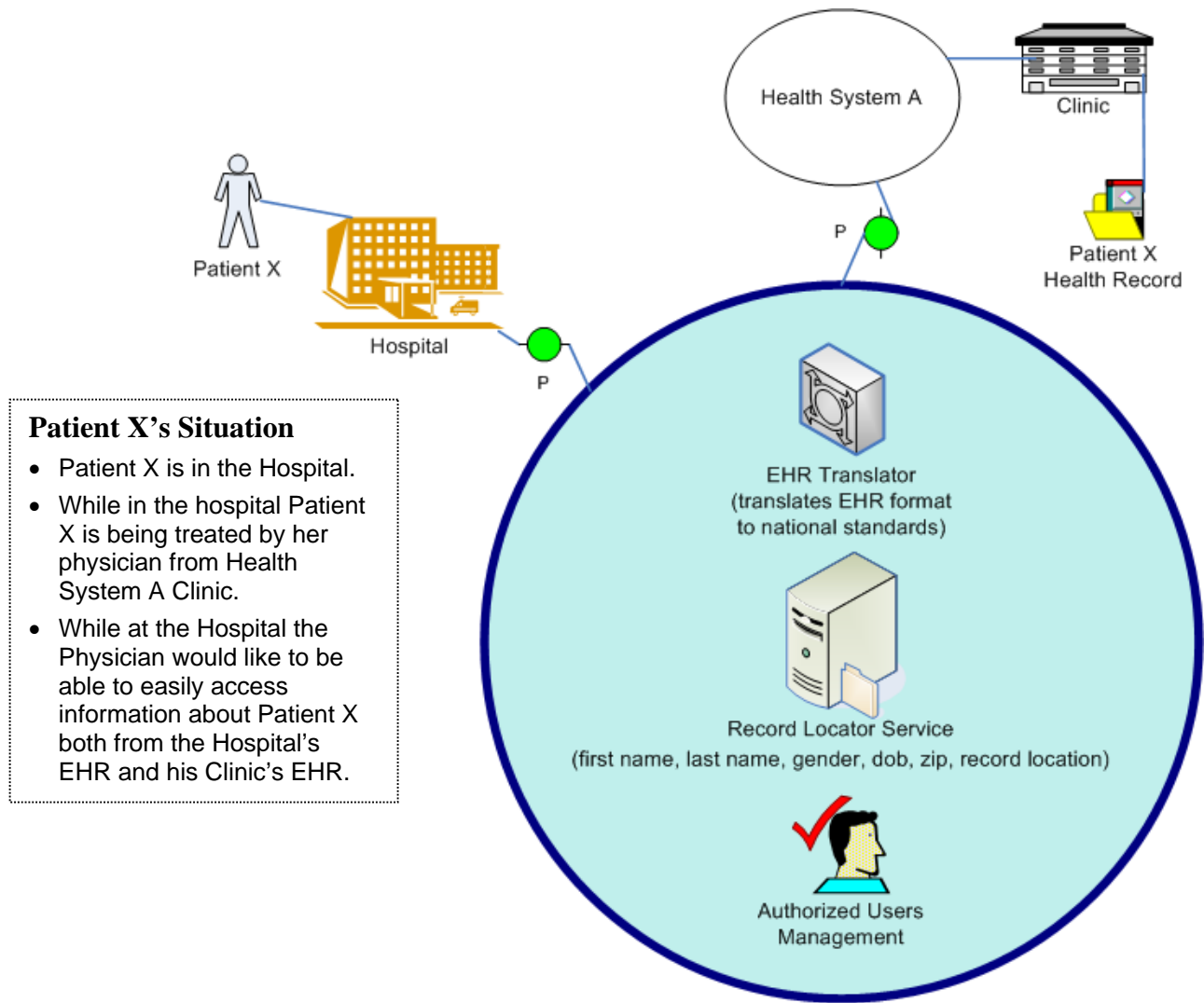
# An Emerging Model of Health Information Exchange

## Example Two: Changing Clinics after Changing Health Plans



# An Emerging Model of Health Information Exchange

## Example Three: Coordinating Care Across Settings



### Patient X's Situation

- Patient X is in the Hospital.
- While in the hospital Patient X is being treated by her physician from Health System A Clinic.
- While at the Hospital the Physician would like to be able to easily access information about Patient X both from the Hospital's EHR and his Clinic's EHR.

# An Emerging Model of Health Information Exchange

## Example Four: Coordinating Care Across Settings

