

# Immunization Content Profile

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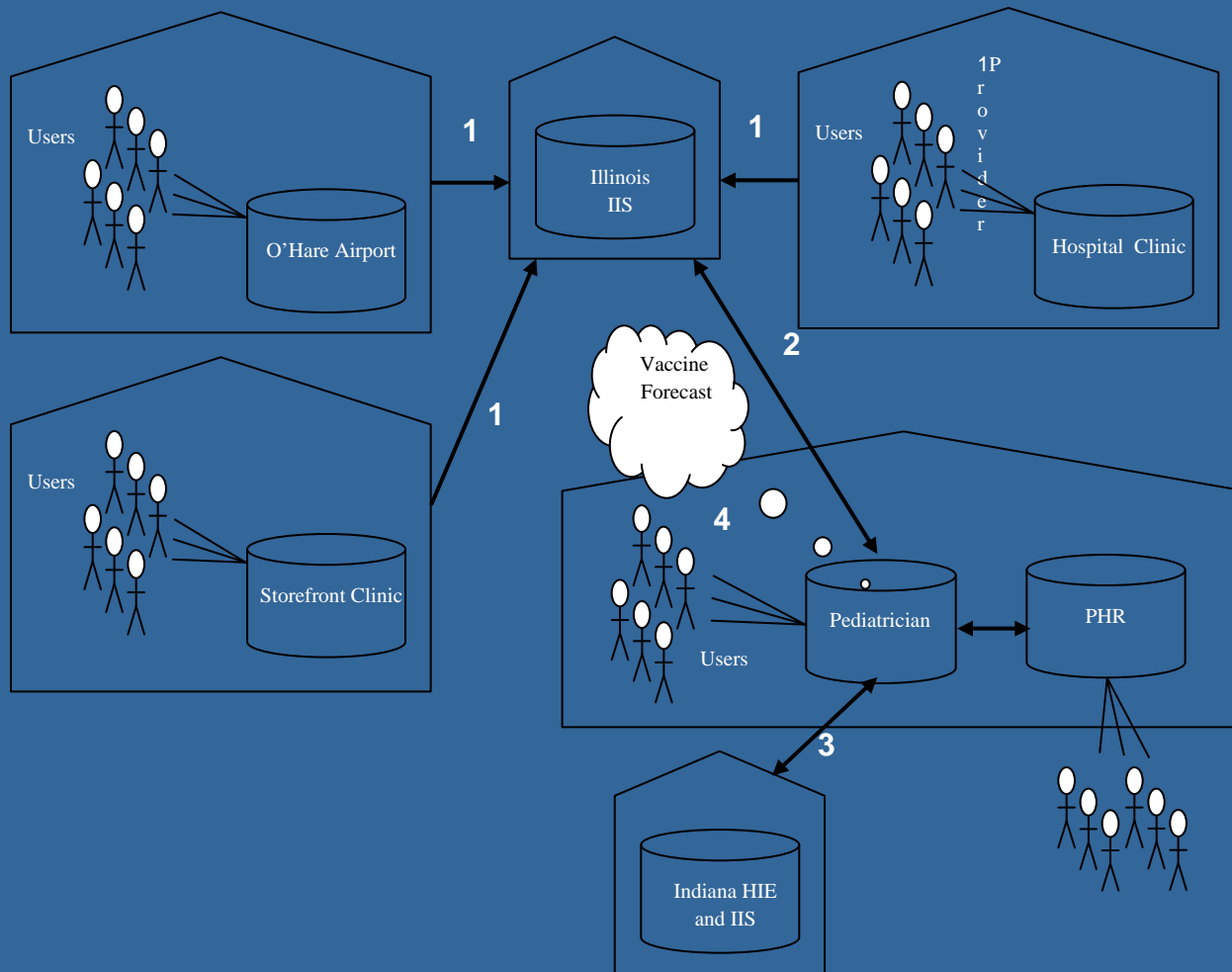
# Value Proposition

- **Biggest challenge faced by Immunization Information Systems (IISs) in providing complete patient immunization histories is electronic connections to EMRs**
- **EMR implementers spend 30K per connection to create HL7 Version 2 connections**
- **Installed base is HL7 V2.3.1 but EMRs and other systems are looking to Continuity of Care Document and related standards**
  - **Comprehensive medical summary**
  - **HL7 Version 3 XML-based**
- **Immunization Content provides a seamless bridge between Version 2 and Version 3**

# Use Case

- EMR system uses CCD as its primary internal data format
- It needs to query an Immunization Information System and combine data with other medical summary data
  - Medications
  - Allergies
  - Medical History
- The EMR system issues a query to a Health Information Exchange, which can optionally query an IIS using HL7 V2 or HL7 V3

# Use Cases



# Document Walk-Through

- **Open Issues**
- **Actors and Transactions**
- **Relation to Care Management and QED**
- **Content**
- **Relation to NVAC standards**
- **Relation to CDC Implementation Guides, Versions 2.3.1 and Version 2.5**

# Conclusion

- Supports development of interfaces from EMR systems to immunization information systems
- Harmonizes and maps various standards so implementers are not constantly translating
- Provides a content format that is suitable for vaccine forecast web service models and other advanced immunization services
- Supports Health Information Exchange development