NHII 03
Architecture
Group B

It's harder than it seems!

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Architecture B: Recommendation 1

- **NHII Architectural Roadmap**
  - **demonstration projects**
  - **development**
  - **deployment**

- **Taskforce responsible for the evaluation and evolution of the roadmap.**

  - **Federally-led, public-private taskforce**

Architecture B: Recommendation 2

Roadmap to focus on Architectural Principles:

- Uniquely identifying patients and providers
- Authentication - consumers & providers
- Authorization and access control
- Logging and auditing
- Patient consent policies
- Ensuring that the information is secure
- Use of standard internet protocols

Architecture B: Recommendation 3

Demonstration projects:

- **Include hospitals, nursing homes, office practices, pharmacies, patients/consumers, medical libraries, health-related gov't agencies, payors,**

- **Use data for - direct clinical care, public health surveillance / operational, consumer access,**

- **Require 3 or more independent organizations**

- **Require critical mass - to be useful**

- **Projects with potential for significant benefits on cost or quality**

  - **Federal agencies to fund**

Architecture B: Recommendation 4

- **Create Regional steering committees that will promote linkages, reuse and extensions of regional or community infrastructures and help implement recommendations.**

  - **Public or private entities**

Architecture B: Recommendation 5

- **Federal Gov't should require that all Medications, Tests, and Medical Devices be labeled by the manufacturer using CHI reference standards.**

- **Regulatory bodies, payors, and professional associations should require that all coded clinical data be labeled at its source using reference standards.**

Architecture B: Summary of Recommendations

- **Architectural Roadmap**
- **Priority to uniquely identifying patients and providers**
- **Fund demonstration projects**
- **Regional steering committees**
- **Label data at the source**