INNOVATIONS IN ACHIEVING INTEROPERABILITY

1980's
- 2 systems
- 1 hospital

2010's
- 80+ systems
- Multiple hospitals

DATA
- Transparency
- Mix of narrative codes

OFFLINE & ONLINE

DATA

FHIR

INTEROPERABILITY

HEALTHCARE RESOURCES

RESOURCES

BUILT FOR USE CASES
- CONSTRAINTS
- EXTENSIONS

BASIS OF IMPLEMENTATION

PROFILE

SHARED PROFILES = INTEROPERABILITY

CLINICAL INFORMATION MODEL

FORMAL DESCRIPTION OF DATA
- RULES
- CONSTRAINTS
- RELATIONSHIPS

REPRESENTATIONAL API

STATEFUL

HUMAN IN THE LOOP
- HANDLES
- DATA POINTS

MORE & MORE DATA
- Home devices
- All data

1 PLACE
- Real-Time

4 PARADIGMS
- Services
- RESTful
- Documents

IS FHIR JUST A DRAFT STANDARD?

INTERSYSTEMS

Health | Business | Government