Overview

• Overarching IT Security (Dave)
• Requirements should drive Specifications
  – For both system and data
• Scalability and Flexibility
• Data Collection
• Data Warehouse (Data Model)
• Data Access
Scalability

• Approach must be able to scale from small to large response
• Process accommodates offline to online workflow
• Incorporate data from multiple sources
• Secure user login and privileged access
• Provide for data to information AND long-term data management/sharing (e.g. Archive)

...and Flexibility

• Data Collection:
  – Paper notes
  – Digital data (e.g. transcribed notes to Excel/Access)
  – Electronic transmittal (e.g. handheld device)
  – Full package of information; related samples
  – Maintain litigation quality data
• Data Storage: ability to expand capacity
Interoperability (Data In/Out)

• Based on SCAT Data Specification(s)
• Ingest full data packages from multiple sources
• Use or develop Electronic Data Deliverable (EDDs) templates
• Data Access: provide multiple ways to share full data packages
• Metadata driven – data providers create metadata; data management system generates metadata (ideal- mandated)
Data Flow Even MORE Details

- Just kidding.