



**Retrieve Information for Display (RID)
and
Retrieve ECG for Display (ECG)**



RID Abstract / Scope

- Simple and rapid access to patient information stored in other enterprise systems from within a healthcare workstation application
- Access to existing persistent documents in well-known presentation formats: CDA, PDF, JPEG.
- Access to specific key patient-centric information for presentation to a clinician : allergies, current medications, summary of reports, etc..
- Links with other IHE profiles - Enterprise User Authentication, Patient Identifier Cross-referencing and Cross Enterprise Document Sharing

from IHE IT Infrastructure Domain

RID Key Technical Properties

Standards Used:

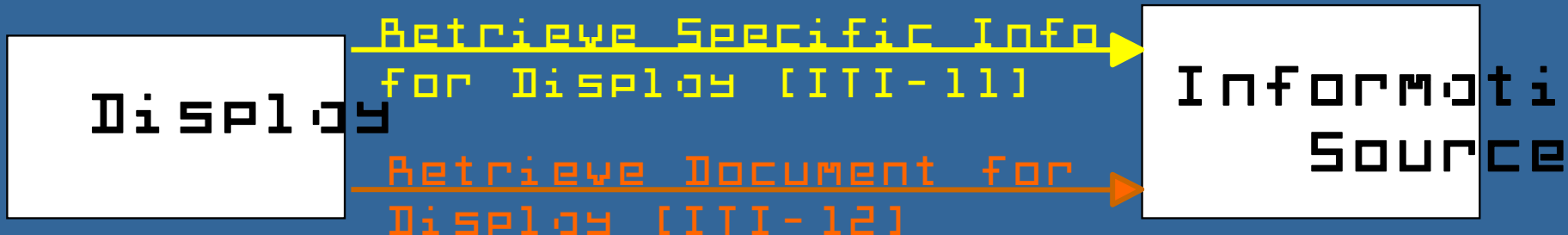
- Web Services (WSDL for HTTP Get)
- General purpose IT Presentation Formats: XHTML, PDF, JPEG, CDA (HL7)
- Client is healthcare display application with access to Patient ID

Two services :

- Retrieve Specific Information
 - Patient centric: patient ID
 - Type of Request (see next slide)
 - Date, Time, nMostRecent
- Retrieve a Document
 - Object Unique Instance Identifier (OID)
 - Type of Request
 - Content Type Expected

Retrieve Information for Display

Transaction Diagram



Summary of All Reports

Summary of Laboratory
Reports of

Pharmacokinetics of

Summary of Cardiology

Summary of Surgery

Summary of Intensive

Summary of Emergency

Summary of Discharge

Report Allergies

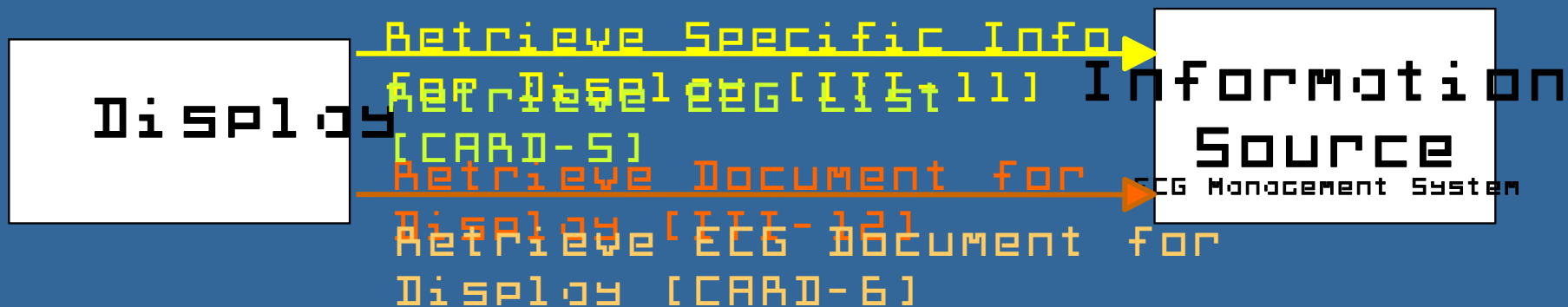
List of Medications

Persistent Document

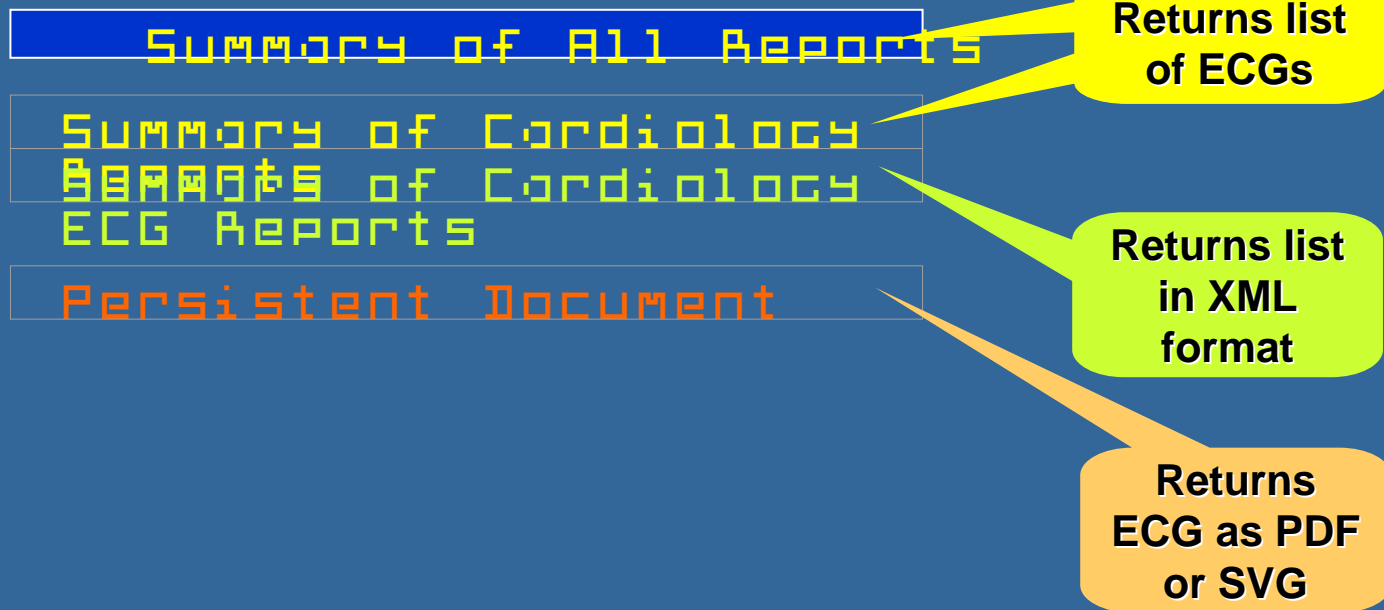
Types of Requests

Retrieve ECG for Display

Transaction Diagram

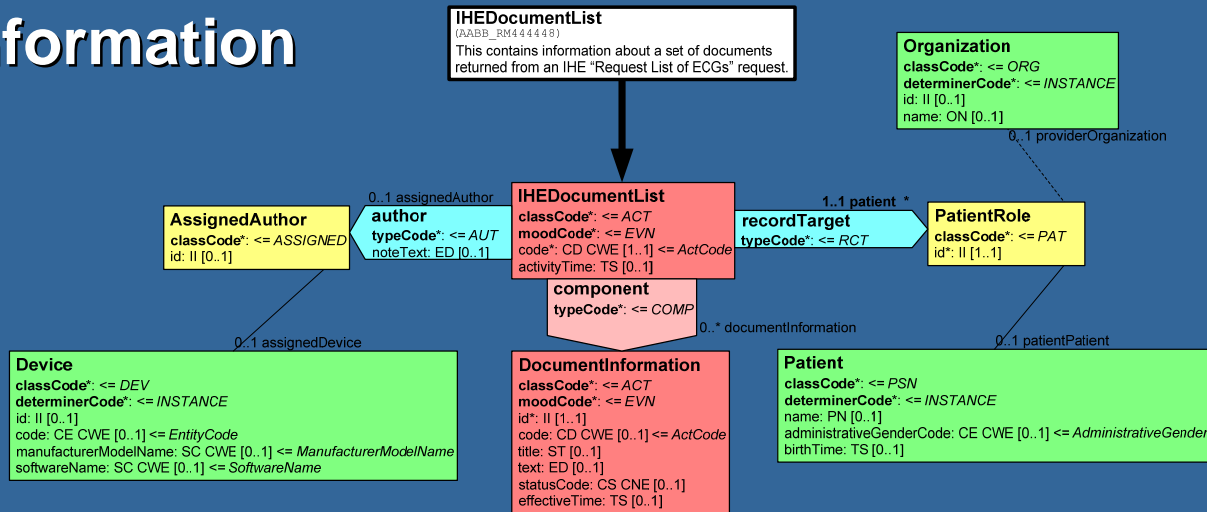


Types of Requests



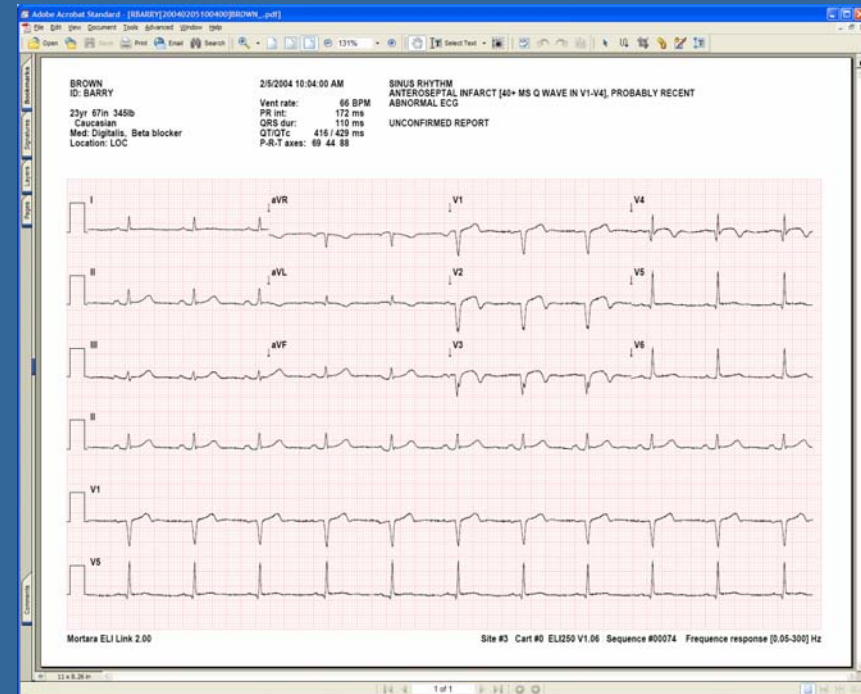
ECG XML List

- ECG XML List allows advanced display apps to process list
 - RID only provides HTML displayable list
 - E.g., for serial comparison (side-by-side ECGs)
- XML Schema based on HL7 v3 Reference Information Model



ECG Document

- ECG Information Source required to support PDF so it is compatible with existing RID clients.
- ECG Information Source required to use vector graphics for waveforms in PDF.
 - Gives high quality line drawings at any screen resolution and zoom factor.
 - Rasterized (e.g. scanned, bitmapped) ECG “images” not allowed.
- Option for SVG





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