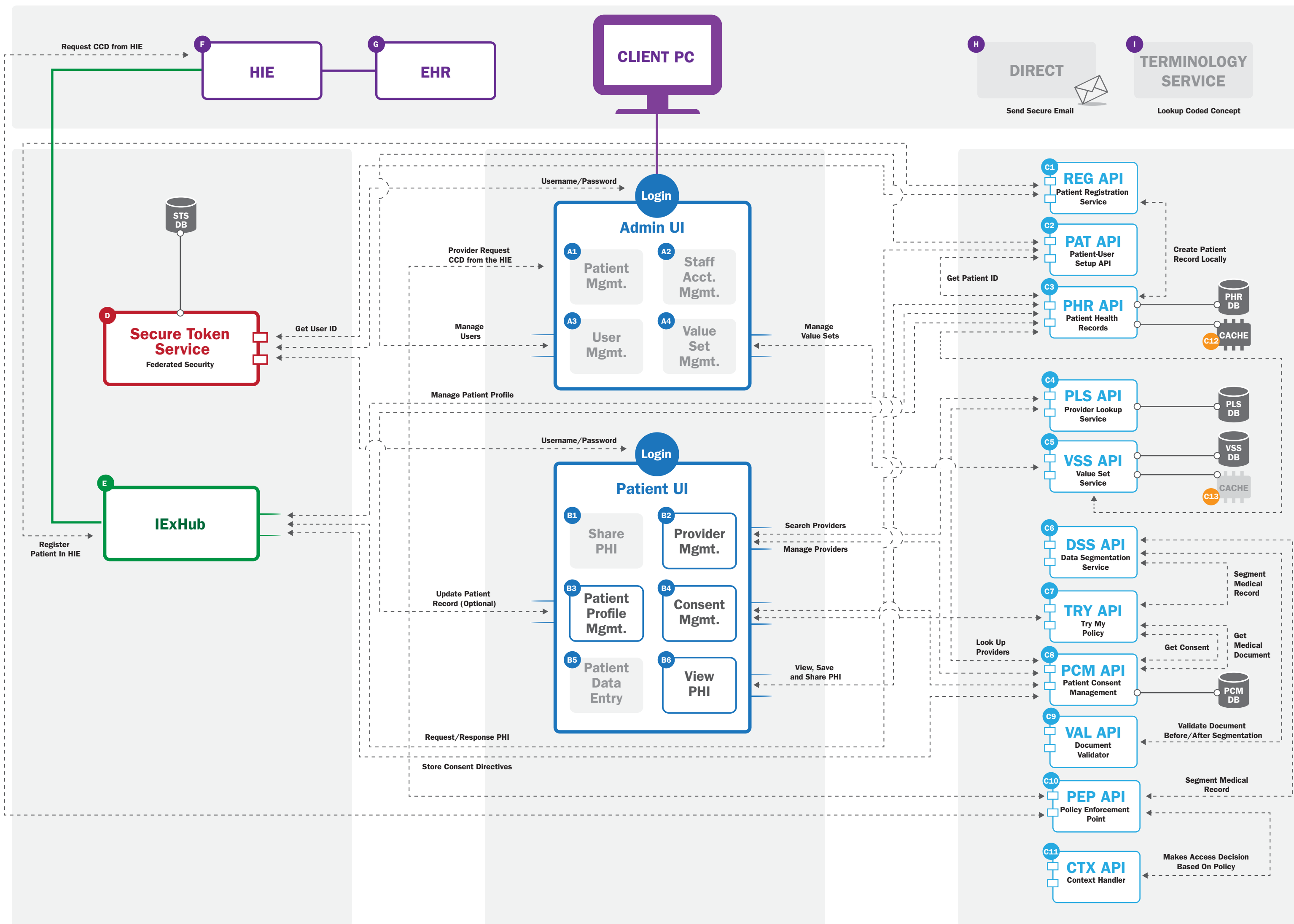


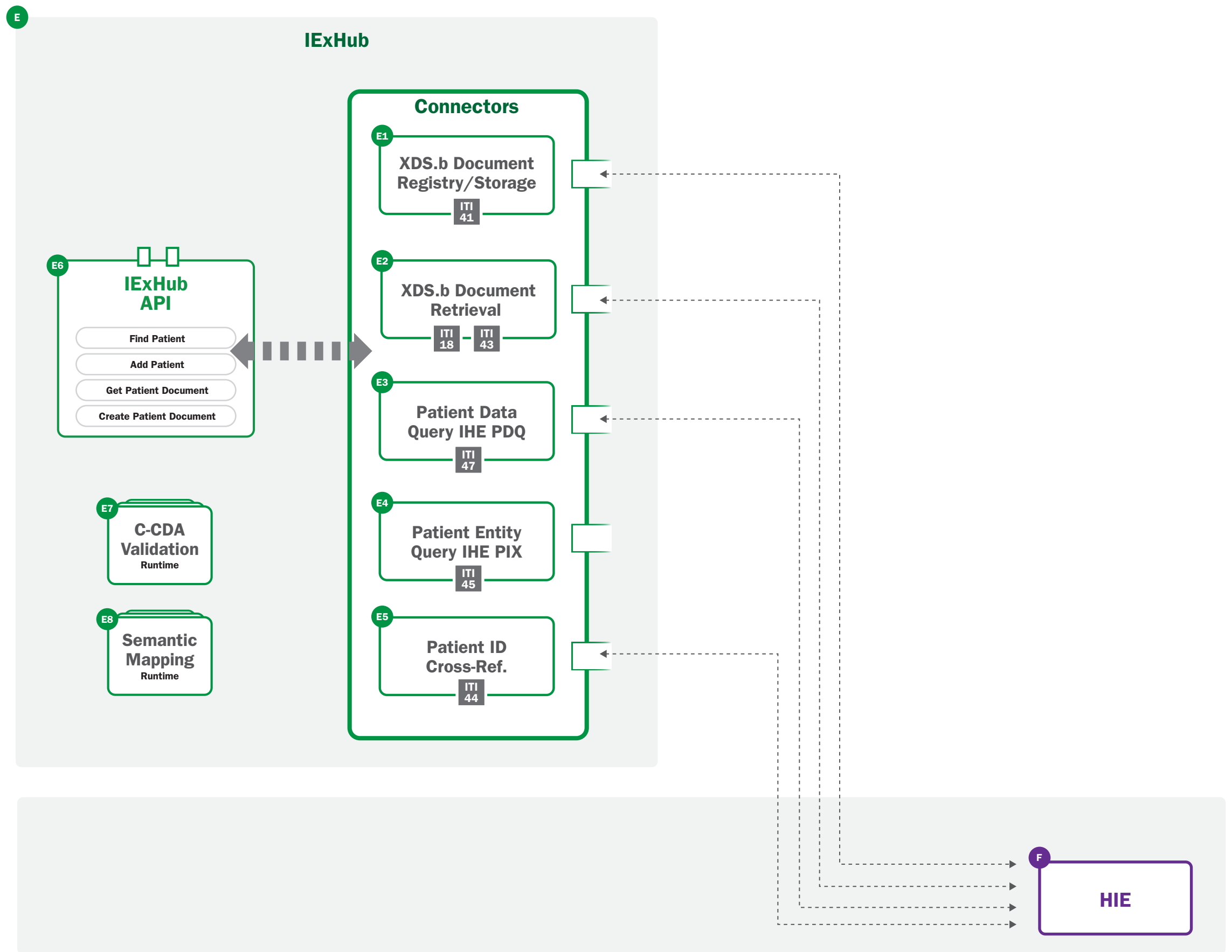
CONSENT 2 SHARE

TECHNICAL COMPONENTS

B L U E P R I N T

V1.2





A1. Patient Management

Is a module used by administrative staff to create and manage patient accounts.

A2. Staff Account Management

Is a module used by power user (administrative staff) to create and manage user accounts.

A3. User Management

Is a module used by administrative staff to create and manage user accounts.

A4. Value Set Management

Is used by administrative staff to manage value sets and map them to appropriate sensitivity categories and privacy settings.

B. Patient UI

Is an application component that is used by the patient to manage her health information.

B1. Share PHI

A module that uses consents to share patient health information between providers and/or patients and providers.

B2. Provider Mgmt.

A module to search and manage the patient's providers.

B3. Patient Identity Mgmt.

A module used to create and manage patient records in the HIE.

B4. Consent Mgmt.

A module used to create and manage consent policies that determine the level of privacy applied to the patient's health record when it is shared between providers and/or patients and providers.

B5. Patient Data Entry

A module used for patient self-managed health data, track fitness/health progress, and collect medical readings from electronic medical devices.

B6. View PHI

A module used to view medical records/health information retrieved from the IExHub.

C1. REG API

Patient Registration (REG) API handles patient account creation and requests.

C2. PAT API

Patient User Setup (PAT) API links a "Patient" record (e.g. patient, self, or guardian) to a standard user account and allows the UAA to associate it with a user functions template.

C3. PHR API

Patient Health Record (PHR) API handles requests for viewing and sharing patient health information, and patient entered data.

C4. PLS API

Provider Lookup Service (PLS) API handles requests such as when a user searches for a provider.

C5. VSS API

Value Set Service (VSS) API handles the creation and editing of value sets with the potential to use external services (e.g VSAC).

C6. DSS API

Data Segmentation Service (DSS) API handles the segmentation of a patient's sensitive health information per their consent.

C7. TRY API

Try My Policy (TRY) API allows patients to try-their-policy against their medical record or a sample medical record in order to view the segmented medical record.

C8. PCM API

Patient Consent Management (PCM) API handles the creation and editing of consent, and also provides the policy for segmentation.

C9. VAL API

Document Validator (VAL) API validates CCD R1 and 2.1 documents based on schema and schematron rules

C10. PEP API

Policy Enforcement Point (PEP) API receives requests for patient information and records and checks to see how to handle the request.

C11. CTX API

Context Handler (CTX) API makes decisions based on the consent policy.

C12. VSS CACHE

Temporarily stores value set information in cache memory.

C13. PHR CACHE

Temporarily stores patient health information retrieved from the IExHub.

D. Secure Token Service

Federated security model that controls access across several modules and services by issuing tokens for authentication and authorization.

E. IExHub

A component that provides the My Health Compass application with common semantic process and interoperability capabilities to enable access to patient health data via a standards based HIE implementations..

F. HIE

The system components where the patient health information originates, and which integrates with the IExHub and Patient Portal.

G. EHR

The system component that providers use to manage a patient's health records and where patient health data will originate.

H. Direct

A standards-based system component used for secure email communication and transactions between providers, patients and health care organizations.

I. Terminology Service

A standards-based third-party service used to manage coded concepts via SOAP/REST.