



~~Open Access to Centricity Business~~
**Open Access to
AthenaIDX**

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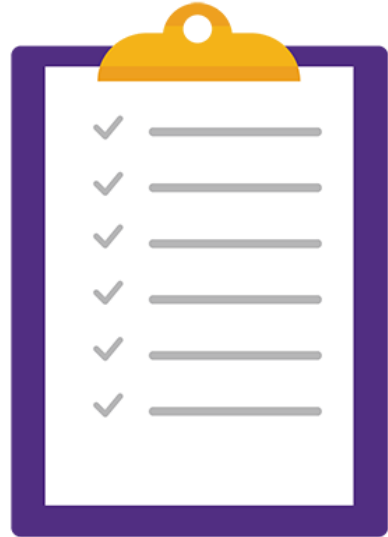
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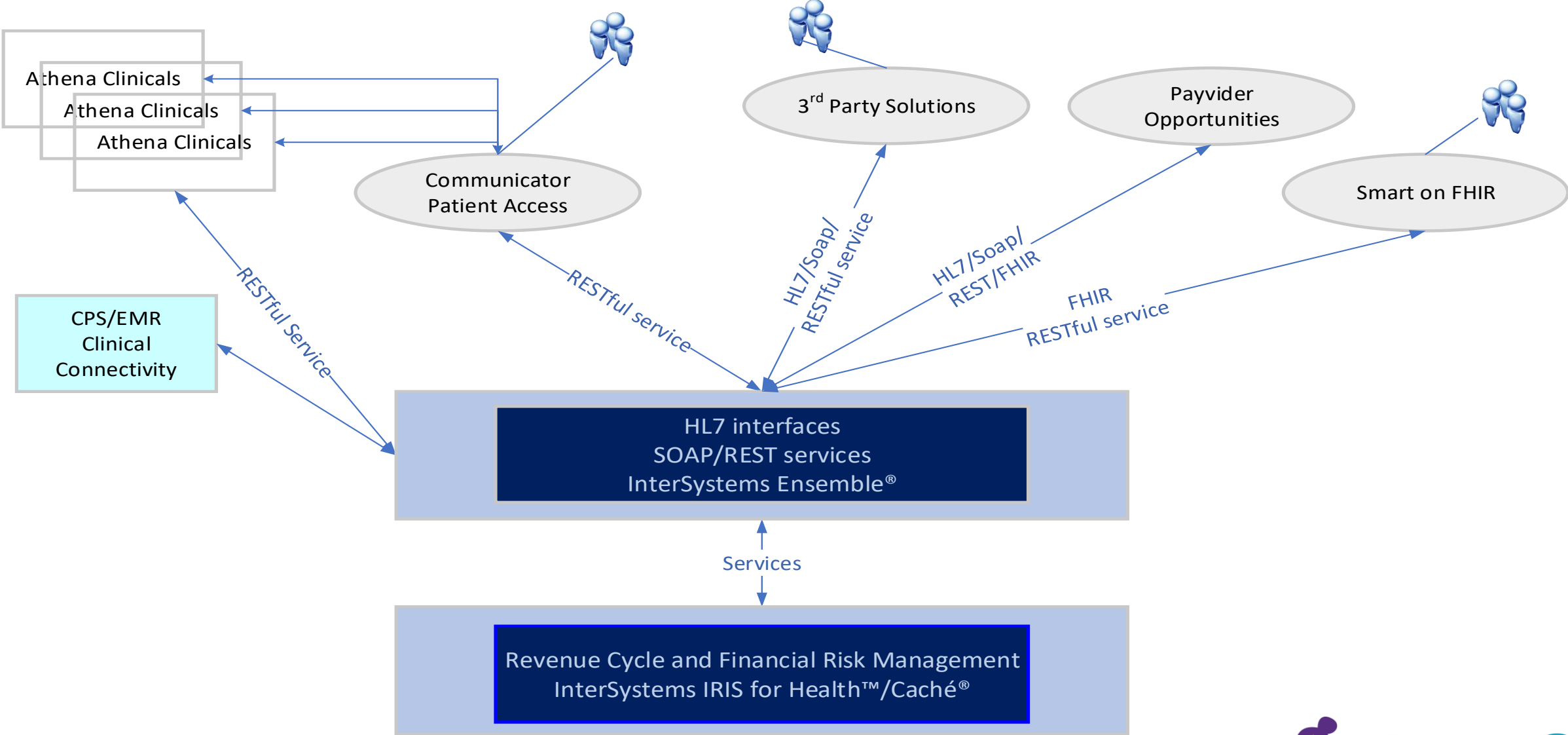
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Agenda



- Connectivity solution
 - Review SOAP and RESTful APIs
 - Resources available
 - What is coming in 7.1 and 7.2
 - Pricing
- FHIR – status and expectations
 - Input on what resources to focus on first?
 - Cost estimation/Prior Authorization
- API Manager – IRIS for Health future capability

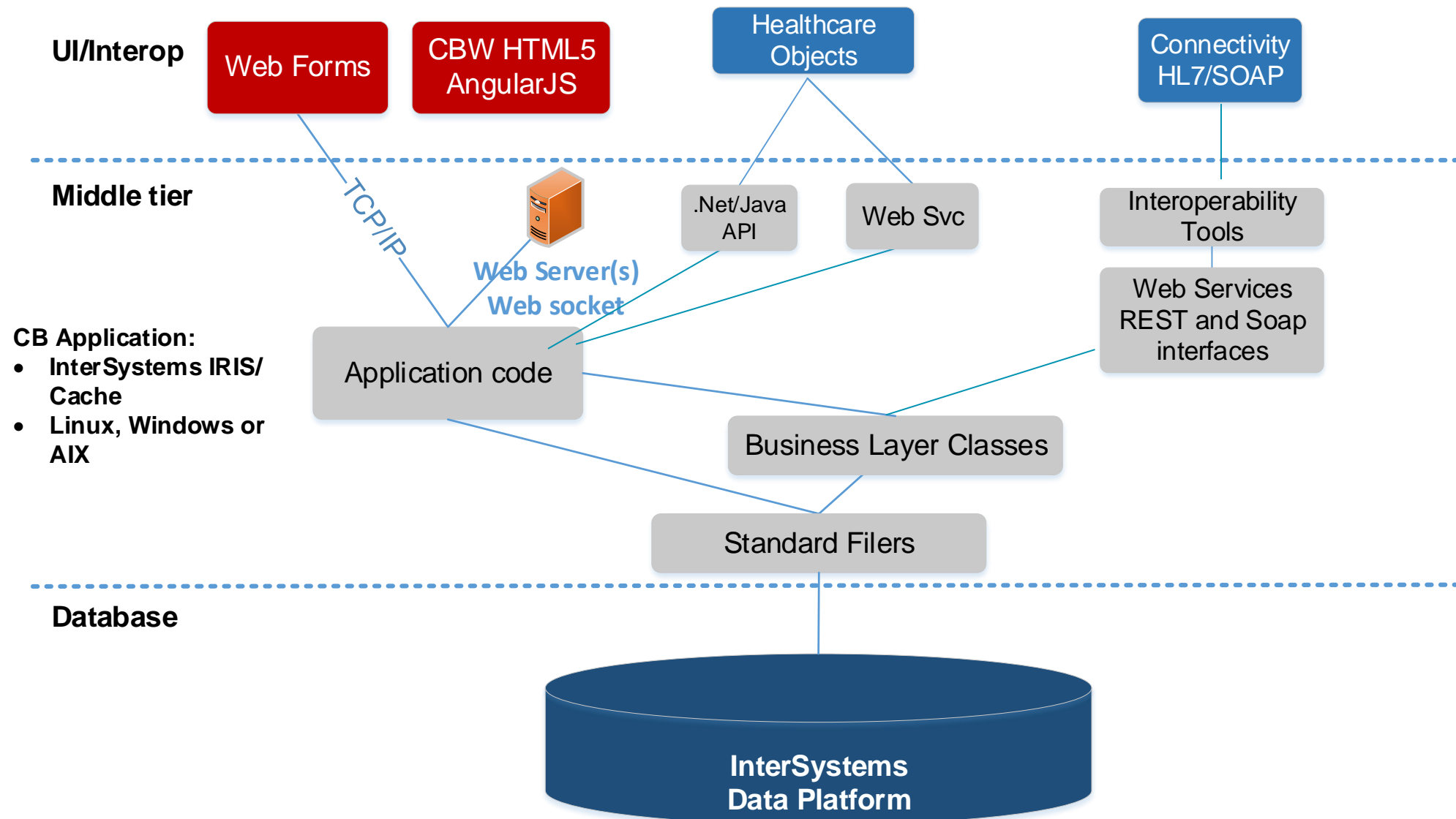
Connectivity Ecosystem



Delivering on our mission to build the **largest** and **most open** network of providers & partners

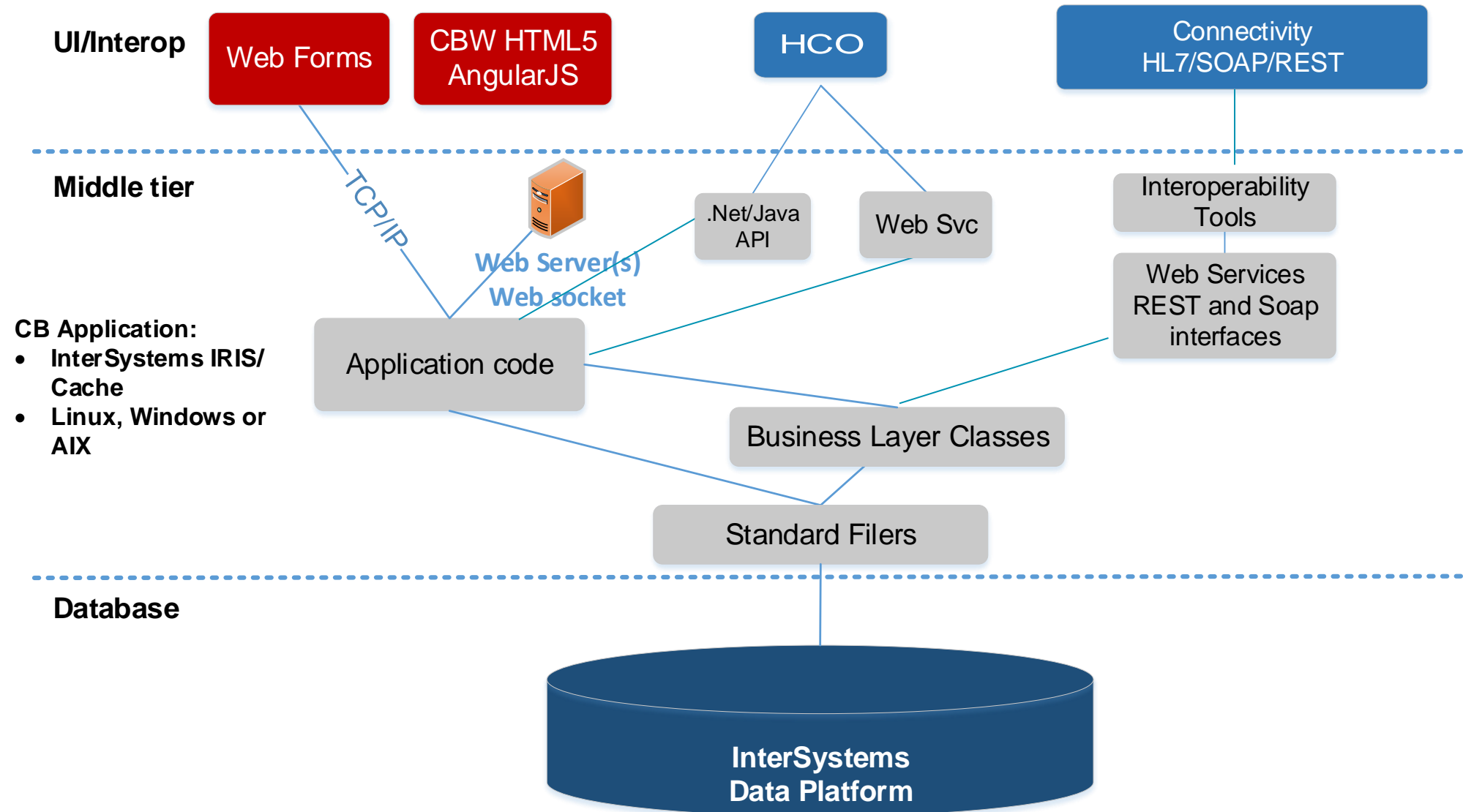


Initial Interoperability Solution



- Focus on HCO and custom interfaces
- Adoption of Ensemble which provides logging, security and interop tools
- Initial work on HL7 interfaces and SOAP services
- Interop tools provide access to customization without changes to standard filers

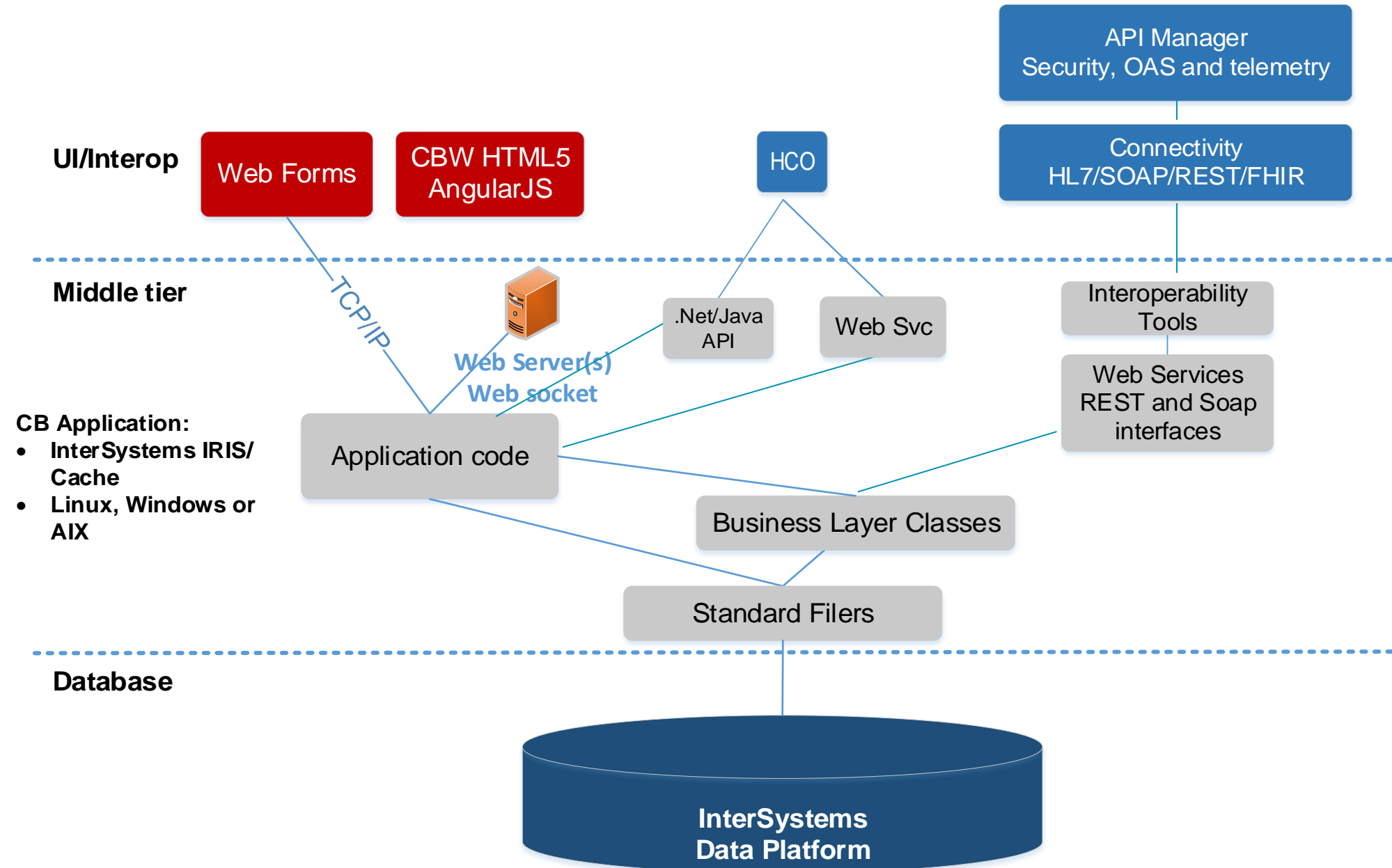
Current Interoperability Solution



- CB Application:**
- InterSystems IRIS/Cache
 - Linux, Windows or AIX

- Expanded coverage of available APIs
- Added RESTful APIS
- Continue to build API library to provide full functionality across all applications

Interoperability Solution Next



- FHIR front-end with data transformations to work with SMART on FHIR applications
- API manager for telemetry, additional security features and Open API specifications/documentation
- Full feature interoperability solution

Connectivity APIs (RESTful, SOAP and HL7) in v7.1

Registration & Visits

Load patient data (demographic and insurance)

File patient (demographic and insurance)

Patient Lookups/Duplicates

Patient Appts, Claims, invoices, referrals, encounters, FRM and Visit data

Visit Filer

Scheduling

Get Open Slots

Create and Update Appointment data

Arrive/Cancel/Resched/NoShow Appointments

Appointment Types

Provider/Department Schedule data

Billing

Credit Card Authorization Payments for BAR and HPA

TES Charges

Invoice Load/File

Autocash payments to BAR

External Invoice Adjudication in FRM

Clinicals & Referrals

Clinical Charges into TES

Clinical Appointment Requests

Clinical Referral Requests

Load FRM/Open Referral data

File FRM/Open Referrals

Outgoing Events

Patient Registration

Scheduling Appointments

Referrals

Base	Individuals <ul style="list-style-type: none"> • Patient N • Practitioner 3 • PractitionerRole 2 • RelatedPerson 2 • Person 2 • Group 1 	Entities #1 <ul style="list-style-type: none"> • Organization 3 • OrganizationAffiliation 0 • HealthcareService 2 • Endpoint 2 • Location 3 	Entities #2 <ul style="list-style-type: none"> • Substance 2 • BiologicallyDerivedProduct 0 • Device 2 • DeviceMetric 1 	Workflow <ul style="list-style-type: none"> • Task 2 • Appointment 3 • AppointmentResponse 3 • Schedule 3 • Slot 3 • VerificationResult 0 	Management <ul style="list-style-type: none"> • Encounter 2 • EpisodeOfCare 2 • Flag 1 • List 1 • Library 2 	
	Clinical	Summary <ul style="list-style-type: none"> • AllergyIntolerance 3 • AdverseEvent 0 • Condition (Problem) 3 • Procedure 3 • FamilyMemberHistory 2 • ClinicalImpression 0 • DetectedIssue 1 	Diagnostics <ul style="list-style-type: none"> • Observation N • Media 1 • DiagnosticReport 3 • Specimen 2 • BodyStructure 1 • ImagingStudy 3 • QuestionnaireResponse 3 • MolecularSequence 1 	Medications <ul style="list-style-type: none"> • MedicationRequest 3 • MedicationAdministration 2 • MedicationDispense 2 • MedicationStatement 3 • Medication 3 • MedicationKnowledge 0 • Immunization 3 • ImmunizationEvaluation 0 • ImmunizationRecommendation 1 	Care Provision <ul style="list-style-type: none"> • CarePlan 2 • CareTeam 2 • Goal 2 • ServiceRequest 2 • NutritionOrder 2 • VisionPrescription 2 • RiskAssessment 1 • RequestGroup 2 	Request & Response <ul style="list-style-type: none"> • Communication 2 • CommunicationRequest 2 • DeviceRequest 1 • DeviceUseStatement 0 • GuidanceResponse 2 • SupplyRequest 1 • SupplyDelivery 1
		Financial	Support <ul style="list-style-type: none"> • Coverage 2 • CoverageEligibilityRequest 2 • CoverageEligibilityResponse 2 • EnrollmentRequest 0 • EnrollmentResponse 0 	Billing <ul style="list-style-type: none"> • Claim 2 • ClaimResponse 2 • Invoice 0 	Payment <ul style="list-style-type: none"> • PaymentNotice 2 • PaymentReconciliation 2 	General <ul style="list-style-type: none"> • Account 2 • ChargeItem 0 • ChargeItemDefinition 0 • Contract 1 • ExplanationOfBenefit 2 • InsurancePlan 0

Feedback on our FHIR resource direction is needed

API Manager



- Monitor all your API traffic in a central spot
- Plan, document, and update the list of APIs you are using
- Identify issues before they become critical
- Control API traffic by throttling throughput, controlling payload, whitelist/blacklist domains and controlling mode of endpoints
- Onboard developers by providing interactive API documentation through a dedicated/customizable developer portal
- Secure your API's in one central place

Thank You

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