

# Epic Bridges - Interface Inventory & Go-Live Checklist

HL7 v2 | FHIR R4 | HIPAA |  
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Complete the interface inventory first. Then verify every go-live gate per interface. An interface is not ready until all applicable gates have a named owner and confirmed sign-off date.

## SECTION 1 - INTERFACE INVENTORY

Interface Name	Type	Standard	Direction	Epic Module	External System	Priority	Status
ADT Outbound - Radiology RIS	ADT	HL7 v2	Out	ADT	RIS	P1	In Build
ADT Outbound - ADC (Pyxis)	ADT	HL7 v2	Out	Willow	Pyxis	P1	Testing
Lab Orders - LIS Outbound	Orders	HL7 v2	Out	Beaker	LIS	P1	Validated
Lab Results - LIS Inbound	Results	HL7 v2	In	Beaker	LIS	P1	Validated
Radiology Results Inbound	Results	HL7 v2	In	Orders	RIS/PACS	P1	In Build
Pharmacy Dispense ADC RDS	Pharmacy	HL7 v2	Out	Willow	Omniceil	P1	Testing
Eligibility 270/271	HIPAA	X12 270	Both	HB	Clearinghouse	P1	In Build
Claims 837P/837I	HIPAA	X12 837	Out	HB	Payer	P1	Not Started
Remittance 835	HIPAA	X12 835	In	HB	Payer	P1	Not Started
Immunization VXU	Public Hlth	HL7 v2	Out	Immuniz.	State IIS	P2	Not Started
ELR Reportable Conditions	Public Hlth	HL7 v2	Out	Beaker	State HD	P1	In Build
Surescripts e-Prescribing	eRx	NCPDP	Both	Willow	Surescripts	P1	Testing
FHIR Patient API	FHIR	FHIR R4	Out	Interconnect	Patient App	P2	Not Started
Care Everywhere HIE	HIE	FHIR/CDA	Both	Care Ev.	HIE Network	P2	Not Started

## SECTION 2 - CONNECTIVITY AND CONFIGURATION GATES

	Gate Item	Owner	Sign-off Date
[ ]	IFC record created and activated for each interface in Epic Bridges	_____	_____
[ ]	IP address, port, and hostname confirmed with receiving system vendor	_____	_____
[ ]	MLLP listener active on receiving system - test message sent and ACK received	_____	_____
[ ]	Firewall rules opened for all interface endpoints - confirmed by network team	_____	_____
[ ]	TLS/SSL encryption configured for all external-facing interfaces	_____	_____
[ ]	FHIR OAuth 2.0 client credentials registered in MyApps for each FHIR application	_____	_____
[ ]	SMART on FHIR authorization scopes configured and tested (patient-context and standalone)	_____	_____
[ ]	HIPAA X12 clearinghouse credentials and trading partner agreements signed	_____	_____
[ ]	Surescripts network certification completed before e-prescribing go-live	_____	_____

### SECTION 3 - MESSAGE FORMAT AND CODE MAPPING GATES

	Gate Item	Owner	Sign-off Date
[ ]	HL7 interface spec document agreed and signed with each receiving system vendor	_____	_____
[ ]	MSH sending/receiving application and facility codes confirmed with each vendor	_____	_____
[ ]	PID.3 patient MRN assigning authority confirmed - matches receiving system expectation	_____	_____
[ ]	Lab test code mapping complete - 100% of active compendium tests mapped Epic to LIS	_____	_____
[ ]	LOINC code mapping validated for all inbound ORU result components	_____	_____
[ ]	ADT event type filtering configured - each system receives only applicable event types	_____	_____
[ ]	Date/time field formats validated across all interfaces - HL7 DTM format confirmed	_____	_____
[ ]	Special character encoding edge cases tested (apostrophes, diacritics, long names)	_____	_____
[ ]	OBX value type mapping validated for NM, ST, CE, and FT result types	_____	_____

	Gate Item	Owner	Sign-off Date
[ ]	HIPAA 271 response parsing configured per payer-specific benefit segment variations	_____	_____

#### SECTION 4 - END-TO-END CLINICAL VALIDATION GATES

	Gate Item	Owner	Sign-off Date
[ ]	ADT admit tested - patient appears correctly in ADC cabinet within defined time window	_____	_____
[ ]	ADT transfer tested - patient moves to correct cabinet, removed from prior unit cabinet	_____	_____
[ ]	ADT discharge tested - patient removed from all receiving systems, reconciliation triggered	_____	_____
[ ]	Lab order placed in CPOE - received in LIS with correct test code and patient demographics	_____	_____
[ ]	Lab result received from LIS - posts to correct Epic result component with reference range	_____	_____
[ ]	Critical value result tested - notification fires to correct provider within required window	_____	_____
[ ]	Radiology order placed - received in RIS, result and report return to provider in-basket	_____	_____
[ ]	ADC medication pull tested - nurse accesses patient medication after ADT admit	_____	_____
[ ]	e-Prescribing end-to-end tested - prescription sent via Surescripts and received at pharmacy	_____	_____
[ ]	Eligibility 270/271 tested for multiple payers - coverage populates correctly in Epic	_____	_____
[ ]	FHIR API query tested per resource type - correct patient data returned in JSON	_____	_____
[ ]	ELR reportable result triggers outbound message to state health department endpoint	_____	_____

#### SECTION 5 - STABILITY, FAILOVER, AND GO-LIVE READINESS

	Gate Item	Owner	Sign-off Date
[ ]	48-hour stability monitoring completed - no queue backup or error spikes	_____	_____
[ ]	Volume/load test completed - interfaces stable at estimated peak production message rate	_____	_____

	Gate Item	Owner	Sign-off Date
[ ]	Failover test - messages queue correctly when receiving system is unavailable	_____	_____
[ ]	Retry logic tested - queued messages deliver when receiving system comes back online	_____	_____
[ ]	Interface Monitor baseline documented - expected message counts per hour per interface	_____	_____
[ ]	Alert thresholds configured in Interface Monitor for queue depth and error count	_____	_____
[ ]	Integration analyst assigned to Interface Monitor watch for first 72 hours post go-live	_____	_____
[ ]	Downtime procedure documented and distributed for each P1 interface	_____	_____
[ ]	Escalation path confirmed: integration analyst > Epic support > receiving system vendor	_____	_____
[ ]	All P1 interfaces signed off by clinical and IT leads - go-live approved	_____	_____