

# Integration with UK GP Systems

TriageNix one-pager for ICB digital, commissioning & IG leads

## GP system compatibility

System	Coverage	Read	Book	Write-back	Route
EMIS Web	~57% of English practices	Yes	Yes (slot booking)	Structured consultation note	Partner API + GP Connect
TPP SystemOne	~37% of English practices	Yes	Task / appointment request	Send Document (PDF + metadata)	SystemConnect FHIR + GP Connect
Vision (Cegedim)	Limited footprint in England	Yes	Via GP Connect Appointments	Send Document	GP Connect

## Standards supported

- **GP Connect** — Access Record: Structured, Appointment Management, Send Document (HL7 FHIR STU3, UK Core profiles).
- **HL7 FHIR R4 / UK Core** for clinical resources; **SNOMED CT UK** coded outputs; **dm+d** for medications.
- **NHS login** (P5/P9) for patient identity; **NHS CIS2** (OpenID Connect) for clinician SSO with smartcard.
- **PDS / Spine** patient demographics; **ODS** organisation lookup; **e-RS** ready for onward referral.
- **DTAC** aligned (clinical safety, data protection, technical assurance, usability and accessibility).
- **DCB0129 / DCB0160** clinical safety case maintained; **WCAG 2.2 AA** accessibility.

## Security & GDPR commitments

- **UK data residency** — all PID processed and stored in UK regions; sub-processors listed in DPA.
- **Encryption** — TLS 1.2+ in transit, AES-256 at rest; per-tenant key isolation.
- **Least-privilege OAuth scopes**; short-lived tokens; mTLS to EMIS/TPP endpoints where required.
- **Minimal data persistence** — only the triage record, decision rationale and audit trail are retained; full record stays in the GP system.
- **Immutable audit log** for every read, booking and write-back (who, what, when, lawful basis).
- **UK GDPR & DPA 2018** — Article 9(2)(h) lawful basis; ROPA, DPIA template and DPA pack provided.
- **Cyber Essentials Plus, ISO/IEC 27001** aligned, **NHS DSPT** 'Standards Met'.
- **Clinical safety** — named Clinical Safety Officer; hazard log shared with commissioner on request.

## Deployment at a glance

<b>Pilot (single PCN)</b>	4–6 weeks: EMIS Partner API + GP Connect sandbox → live with 1–3 practices.
<b>ICB-wide rollout</b>	8–14 weeks per system supplier, phased by PCN, with shared dashboards.
<b>Information governance</b>	DPIA, DPA, DSP Toolkit evidence and clinical safety case provided pre-go-live.
<b>Support</b>	UK-based 8x5 service desk, P1 30-min response, 24x7 on-call for safety incidents.