



# BrainSAIT Healthcare AI Platform - Proposal for Bupa Arabia Insurance

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Insurance

<b>Document Type:</b>	Business Proposal
<b>Department:</b>	Sales
<b>Version:</b>	1.0
<b>Date:</b>	November 07, 2025
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<b>Classification:</b>	CONFIDENTIAL - RECIPIENT ONLY

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## Introduction



BrainSAIT is pleased to present this comprehensive proposal for implementing our Healthcare AI Platform at Bupa Arabia Insurance. Our solution delivers NPHIES-compliant, bilingual healthcare technology with proven ROI and exceptional user experience.

**Our Expertise:** Over 5 years of healthcare technology development, registered OID (1.3.6.1.4.1.61026), HIPAA compliance, and deep understanding of Saudi healthcare regulations.

## Proposed Solution



### Core Platform Components:

- DocuLINC Lite: Intelligent document processing with OCR and AI classification
- ClaimLINC Monitor: Real-time claims tracking and NPHIES integration
- Voice2Care Studio: Voice-enabled clinical documentation
- HealthBot Arabic: Bilingual patient engagement chatbot
- Compliance Dashboard: Real-time audit and compliance monitoring

## Technical Specifications



**Architecture:** Cloud-native, microservices-based, with 99.9% uptime SLA

**Security:** End-to-end encryption, role-based access, comprehensive audit logs



**Integration:** RESTful APIs, FHIR R4 support, HL7 compatibility, NPHIES-native

**Scalability:** Handles 1000+ concurrent users, 50K+ transactions per day

**Languages:** Full Arabic and English support with RTL/LTR layouts

## Implementation Timeline



We propose a phased implementation approach to minimize disruption and ensure smooth adoption.

Phase	Duration	Deliverables	Milestone
1. Discovery	2 weeks	Requirements analysis, integration planning	Signed SOW
2. Setup	3 weeks	Infrastructure setup, initial configuration	Environment ready
3. Integration	4 weeks	NPHIES integration, data migration	Systems connected
4. Training	2 weeks	User training, documentation	Staff certified
5. Go-Live	1 week	Production deployment, monitoring	System operational

## Investment & ROI



**Implementation Investment:** SAR 450,000 (one-time)

**Monthly Subscription:** SAR 35,000 (includes support, updates, hosting)

**Expected ROI:** 6-8 months through:

- 40% reduction in claims processing time
- 25% decrease in claim rejection rates



- 50% improvement in documentation efficiency
- 30% reduction in compliance audit preparation time

## Support & Maintenance



**24/7 Technical Support:** Bilingual support team with <2 hour response time

**Regular Updates:** Monthly feature releases and security patches

**Training Programs:** Quarterly refresher training and new feature workshops

**Compliance Monitoring:** Continuous compliance checks and annual audits