

Baseer and Sawaher: AI Crowd-Management Platforms for the Hajj

AI in the Public Sector · Good practice · Saudi Arabia

Quality score: 40/100

Evidence strength: Moderate

Summary

Saudi Arabia's SDAIA runs Baseer and Sawaher, computer-vision platforms using 5,000+ cameras across 80 Hajj sites with 16 AI algorithms to predict crowd congestion and flag incidents, while independent monitors flag pilgrim-consent concerns and 2024 still saw 1,300+ heat deaths.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-31

[Saudi Data and Artificial Intelligence Authority \(SDAIA\), Ministry of Interior, Ministry of Hajj and Umrah](#) — accessed 2026-08-31

[Saudi Press Agency](#) — accessed 2026-08-31

[SMEX – pilgrim data concerns](#) — accessed 2026-08-31

[MobileIDWorld](#) — accessed 2026-08-31

Cite this — Evidoria. *Baseer and Sawaher: AI Crowd-Management Platforms for the Hajj*. Persistent ID: e17dba74-1391-49fc-9b31-cf1d368a4f53.