

Syria First Responder Network: Executive Brief

A proposed dedicated LTE/5G public safety network for Syria, delivered to government as a service

Summary

- **The proposal.** A dedicated, independent LTE/5G network for police, fire and rescue, emergency medical services and civil defense. A strategic partner would finance it, 3S Ventures would develop, integrate and operate it, and the government would pay service fees under a long-term contract.
- **Start small, expand by gates.** A pilot of about 50 sites in the capital region, then about 700 further sites, then about 1,350 more. Each wave starts only after acceptance tests, funding and approvals.
- **Rules first.** Spectrum, licensing and encryption approvals come from the telecommunications regulator, with the Ministry of Defense and the security bodies. A temporary licence of up to 90 days could cover early trials.
- **Built from the ground up.** The network provides its own sites, power, backhaul, core and training. Cybersecurity, data protection and AI-assisted operations are designed in from the start.
- **Status.** A proposal. Nothing has been built, no spectrum has been requested or assigned, and no partner has been agreed.

Indicative scale (planning assumptions)

Phase	Scope	Planning range, US\$ million
0. Assess and authorize	Studies, surveys, feasibility, regulatory work	3 to 8
1. Pilot	About 50 sites, core in two locations, operations center	60 to 115
2. Regional expansion	About 700 further sites	190 to 430
3. National coverage	About 1,350 further sites, about 2,100 in total	370 to 830
Total, phases 0 to 3	Excludes devices, spectrum fees, taxes, duties and financing	About 620 to 1,380
Operations	Per year at national scale	30 to 70

Indicative timeline

Mandate and baselines in months 1 to 4; feasibility gate at month 6; pilot acceptance at months 18 to 21; regional coverage at month 36; national coverage at about month 54, counted from government authorization.

Important

All costs, site counts and timelines are planning assumptions, not quotations or validated project costs. They would be replaced by site surveys, supplier quotations and pilot results. This brief is not legal or engineering advice, and 3S Ventures has not yet delivered a network of this kind.

Next step

Read the full guide at 3s-ventures.com/en/telecommunications/syria-first-responder-network-plan/ or contact info@3s-ventures.com.