

Research Dossier: Alfa Lebanon

Country

Lebanon

Company Name

Mobile Interim Company 1 S.A.L.

Ownership Type

State/Government Owned

Ownership/Controlling Entity

Orascom Telecom Media and Technology

Website

<https://www.alfa.com.lb>

MNC

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Company Overview

Mobile Interim Company 1 S.A.L., trading as Alfa, is the first Lebanese mobile network managed by Orascom Telecom Media and Technology (Orascom TMT). Alfa has been focused since 2009 under Orascom TMT's management on technology innovation being the first operator to introduce latest global mobile technologies in Lebanon.

With both Lebanese carriers being state-controlled, the two companies have equal spectrum holdings. Alfa operates 2G GSM services over 900 MHz and 3G UMTS over B1 (2100 MHz). On October 25, 2011, it was the first to launch 3G+ mobile broadband services.

On May 15, 2013, it became the first to commercially roll out 4G LTE services in the country, deploying a B3 (1800 MHz) carrier, and in another regional milestone upgraded to LTE-A in August 2016 carrier aggregating B3 with B20 (800 MHz) through strategic partnerships with Nokia and Ericsson.

In November 2018 Alfa announced it was upgrading its network to gigabit 4.5G LTE-A Pro on a path to eventual 5G services. The upgrades included 4X4 MIMO, 256QAM, and CA_3A-3A-20A aggregation.

▼ 3G UMTS Network Information

Details on UMTS network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Launch Date	2011-10	Status	Active
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UMTS Band	Packet Data	Status
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B1 (2100 MHz)	HSPA+	Active
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▼ 4G LTE Network Information

Details on LTE network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Evolution	LTE Advanced Pro (LTE-A Pro)	Status	Active [Launched 2013-05]
Max. MIMO	4x4 MIMO	Max. Modulation	256QAM
Carrier Aggregation	CA_3A-20A (B3+B20) CA_3A-3A-20A (B3+B3+B20)	Features	-
LTE Band	Channel Width	Status	
B3 (1800 MHz)	15 MHz	Active	
B3 (1800 MHz)	15 MHz	Active	
B20 (800 MHz)	15 MHz	Active	

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