

## Research Dossier: DTAC

Country

Thailand

Company Name

Total Access Communications PLC

Ownership Type

Subsidiary

Ownership/Controlling Entity

Telenor Group

Website

<https://www.dtac.co.th>

MNC

05



## Company Overview

The Company was established as a limited company in August 1989 by Bencharongkul family to provide wireless telecommunications services in 800 MHz and 1800 MHz frequency bands under a "Build-Transfer-Operate" concession granted by CAT Telecom Public Company Limited (formerly known as Communications Authority of Thailand, "CAT").

In 2012, dtac Trinet, a subsidiary of the Company, obtained the spectrum license for mobile telecommunications in the Frequency Band 2.1 GHz from the National Broadcasting and Telecommunications Commission (NBTC) and provides service on 2.1GHz in 2013

### ▼ 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	2011-08	Status	Active
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UMTS Band	Packet Data	Status
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B1 (2100 MHz)	HSPA+	Active
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B5 (850 MHz)	DC-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 2014-05]
Max. MIMO	4x4 MIMO	Max. Modulation	256QAM
Carrier Aggregation	CA_1A-3A (B1+B3) CA_40C (B40+B40) CA_40D (B40+B40+B40)	Features	-
LTE Band	Channel Width	Status	
B1 (2100 MHz)	5 MHz	Active	
B3 (1800 MHz)	15 MHz	Active	
B5 (850 MHz)	No Data	Planned	
B40 (2300 MHz)	20 MHz	Active	
B40 (2300 MHz)	20 MHz	Active	
B40 (2300 MHz)	20 MHz	Active	

#### ▼ 5G NR Network Information

Details on 5G NR network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Type	NR (Standard)	Status	Planned
Max. MIMO	-	Max. Modulation	-
Carrier Aggregation	-	Features	-
NR Band	Channel Width	Status	

## Services Available

### Field Technical Services

As specialists in 3G, 4G, and 5G cellular technologies, our R-Spectrum team provides in-country technical services to most regions around the world. Operating on a contract basis we are often sent to remote and isolated regions to assist companies in establishing voice and data communications.

### RF Coverage Modelling & Planning

Through our R-Spectrum team, we help our clients visualise and understand mobile signal issues by offering a range of radio frequency modelling services for 2G GSM, 3G UMTS, 4G LTE, and 5G NR cellular technologies. The first step to solving any problem is to understand the problem.

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