

alert	
PK	<u>alert_id: long</u>
UK1	triggered: Boolean
UK2	timestamp: Instant
UK2	photo_name: String

An alert is created when the phone is moved and the password is not entered in time.

Certain locations are associated with alerts. However, locations may be set without an alert being created. The existence (non-null) of an alert_id in Location indicates the location was set as a result of the phone being stolen.

location	
PK	<u>location_id: long</u>
IX1	alert_id: long
IX2	secure: boolean
	latitude: double
	longitude: double

A location is created one of three ways:

- 1) The user sets a location as either secure or unsecure in the app
- 2) The app automatically sets an unsecure location when the alarm is triggered
- 3) A tracked location is created every few minutes after the alarm is triggered