Cold chain

Back to the list of other tables

Tables that are used to capture cold chain data

Sensor

Field name	Description	Type	Indexed
ID	The unique identifying number assigned to this sensor	Alpha	*
locationID	The ID of the location to which this sensor belongs	Alpha	*
name	The name of the sensor	Text	
macAddress	The mac address of the sensor	Text	
batteryLevel	The most recent battery % reading of the sensor	Real	
temperature		Real	
lastConnectionDate		Date	
lasstConnectionTime		Time	
storeID	The ID of the store to which this sensor belongs	Alpha	*
logInterval	The interval between taking temperature readings (in seconds)	Long	
numberOfLogs		Long	
is_active	Whether the sensor is marked as active or not	Boolean	
log_delay_time		Time	
log_delay_date		Date	
programmed_date		Date	
programmed_time		Time	
asset_ID		Alpha	

SensorLog

Field name	Description	Type	Indexed
ID		Alpha	*
sensorID		Alpha	*
locationID		Alpha	*
aggregation		Alpha	
date		Date	
time		Time	
customData		Object	*
isInBreach		Boolean	
storeID		Alpha	*
temperature		Real	

sensorLogItemLineJoin

Field name	Description	Type	Indexed
ID		Alpha	*
itemLineID		Alpha	*
sensorLogID		Alpha	*

temperature_breach

Field name	Description	Type	Indexed
ID		Alpha	*
start_date		Date	
start_time		Time	
end_date		Date	
end_time		Time	
location_ID		Alpha	
store_ID		Alpha	
temperature_breach_config_ID		Alpha	
acknowledged		Boolean	
sensor_ID		Alpha	
threshold_maximum_temperature		Real	
threshold_minimum_temperature		Real	
threshold_duration		Int	
type		Alpha	

temperature_breach_config

Field name	Description	Type	Indexed
ID		Alpha	*
maximum_temperature		Real	
minimum_temperature		Real	
duration		Long	
colour		Alpha	
description		Alpha	
is_active		Boolean	
location_type_ID		Alpha	
store_ID		Alpha	
type		Alpha	

temperature_log

Field name	Description	Type	Indexed
ID		Alpha	*

Field name	Description	Type	Indexed
temperature		Real	
date		Date	
time		Time	
location_ID		Alpha	
temperature_breach_ID		Alpha	
store_ID		Alpha	
sensor_ID		Alpha	
log_interval		Long	

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