

Roaming Restrictions

January 2026

In an increasing number of countries, KPN IoT is observing usage limitations. These limitations are imposed by governments and/or operators and include restrictions on permanent roaming and additional regulations concerning data handling (specifically w.r.t. data localisation). More information regarding these type of limitations is provided below. Please note that this information is subject to change and no rights can be derived from it.

Permanent Roaming

This means that operators or governments can impose restrictions on organizations whose SIMs roam for a certain extended period. If the period is exceeded the connection will be blocked and usage will not be possible anymore. The duration of the allowed period varies per operator. Some operators use 90 day on a row, other 120 days or 180 days. Other methods are counting the total days in a year. There is also less clearance how strictly enforced this is as well as how they measure it. Some operators analyse the SIM (the connection based on IMSI) and other look at the device (based on IMEI). Nevertheless, when operating in countries where permanent roaming is applicable do understand that this can be enforced. And also remember that new countries can introduce these restrictions.

Beside the restrictions, KPN also notices the introduction of Landing Fees. Many IoT devices consume only limited amounts of data each month, which may not cover the costs incurred by mobile operators due to network usage (for example through signalling). To address this, instead of enforcing permanent roaming restrictions, several operators have introduced landing fees or IMSI fees. These fees are typically charged as a monthly rate per IMSI that has utilized the network within that month. Presently, KPN IoT absorbs these costs within the subscription fees and/or data rates. But, do note that in the future such charges may potentially be passed on to clients as an extra item in Rate Plans.

Data Localisation

Certain countries have regulations mandating that data from devices be processed within their borders. In such cases, cross-border data transmission is prohibited. Countries with such stringent data localisation rules require local break-out solutions, which KPN IoT does not currently provide.

Country	PR	DL	KPN Situation
Australia	✓		Roaming with KPN IoT available. KPN makes special agreements to keep the networks available. Landing fees can be applicable, and operators are very critical of local resell of connectivity.
Brazil	✓		Roaming with KPN IoT available for short period. KPN also offers local profile solution for permanent roaming situations.
Canada	✓		Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction.
China	✓	✓	Roaming with KPN IoT still available. KPN maintains in contact to mitigate the restriction but does see the pressure. On certain moments data can be held inside the country.
Egypt	✓		Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction.
India	✓	✓	Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction but does see the pressure.
Indonesia	✓	✓	Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction but does see the pressure. KPN is investigating in local profile solution for permanent roaming situations.
Nigeria	✓	✓	Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction.
Oman	✓	✓	Roaming with KPN IoT available. Sometimes due to local situations the availability is not 100%.
Saudi Arabia	✓	✓	Roaming with KPN IoT available. Sometimes due to local situations the availability is not 100%.
Singapore	✓		Roaming with KPN IoT available. Sometimes due to local situations the availability is not 100%.
Turkey	✓	✓	Roaming with KPN IoT available. Permanent roaming is not allowed and actively enforced by the government (is based on IMEI, not on IMSI although IMSIs will also be blocked)
United Arab Emirates	✓	✓	Roaming with KPN IoT available. KPN maintains in contact to mitigate the restriction. Must be careful and sometime redraw an offer.
United States	✓		Roaming with KPN IoT available with 2 major MNOs (not Verizon). KPN maintains in good contact to mitigate the restriction. T-Mobile: For customers with more than 5000 SIMS, KPN needs to request permission. AT&T: For customers that do more than 30% of their traffic in the USA, KPN needs permission.

PR = Permanent Roaming

DL = Data Localisation

✓ = Restriction/regulation in place but mitigated or not enforced.

✓ = Restriction/regulation in place and enforced.