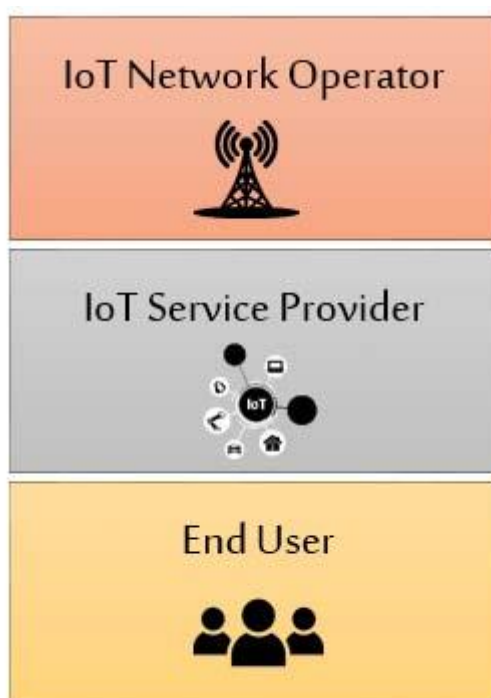


IoT Regulatory Framework Highlights

First: IoT Services

Internet of Things (IoT) shall entail all technical means allowing automatic communication among objects to interexchange, analyze, process and provide information for users. Service model shall include three main parties; IoT Network Operator, IoT Service Provider and End-User. It could also include other parties operating under the umbrella of the aforementioned three parties; such as, system provider, app provider, terminal manufacturer, etc...



IoT Network Operator:

The operator establishing and operating telecom networks, which support IoT services.

IoT Service Provider:

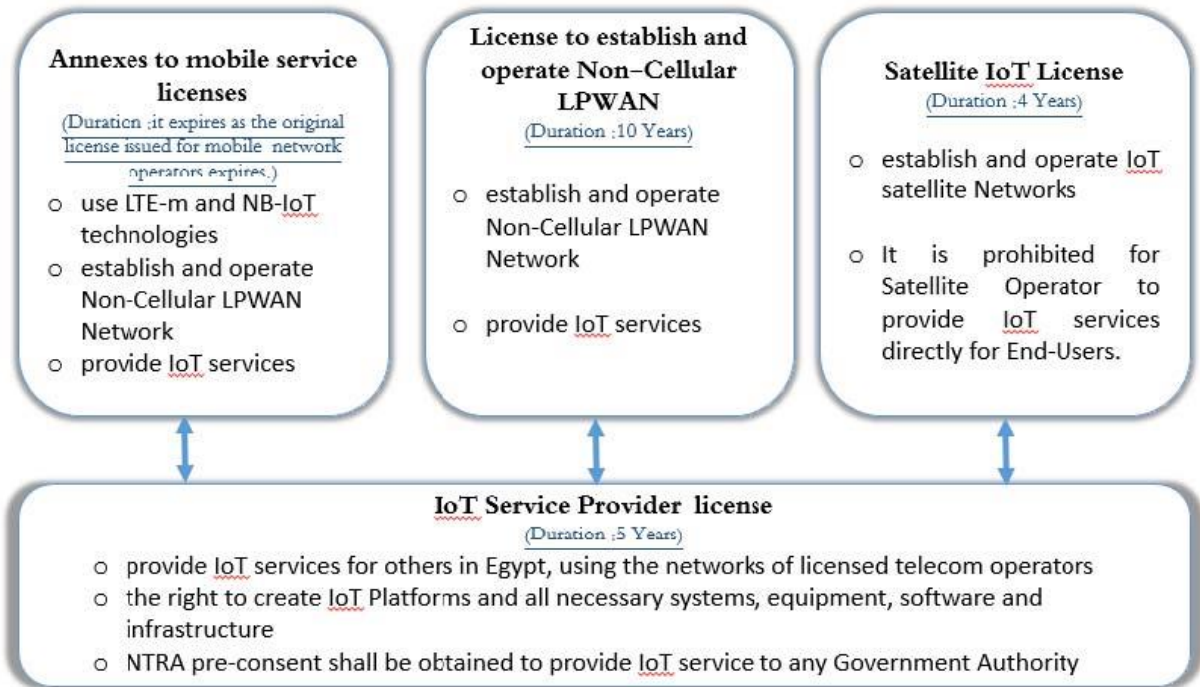
Providing IoT services utilizing the networks established by IoT Network Operator to provide the services for others in return for fees collected from users; whether corporations, authorities or individuals.

End-User:

Shall be any person (individual) or entity with juridical personality (corporation/ authority) entering into contract with IoT Service Provider to avail of IoT services.

Second: Regulatory Framework Highlights:

□ Highlights of IoT Licenses to establish, operate and provide services



Third: Prerequisites and content of proposals:

- Corporation applying for any of the licenses referred to hereinabove shall:
 - Be an Egyptian corporation established pursuant to the Egyptian Law, and with telecommunications being the core business thereof, except for the cases indicated by NTRA for Satellite Operators.
 - A reasonable telecom experience, especially in IoT services, shall by the applying corporation, any shareholder or affiliated companies thereof, be possessed.
 - Fiscal ability of the applying corporation to undertake such an activity and meet all financial obligations relevant to license, shall be proven.
- Proposals of applying corporation shall include:
 - The organizational structure, as well as data of shareholders.
 - The portfolio of corporation.
 - The financial standing of corporation.
- A ten-year feasibility study entailing:
 - Market / Industry analysis.
 - Marketing plan.
 - Operational and technical plan.
 - Financial and risk management plan.

Fourth: Government entities Authorization:

- Including apps pertaining to e-Health and Public Utility services such as; water, power, gas, transportation, education, etc...
- Government entity has the right to establish and operate an IoT Platform for personal purposes.
- For purposes of providing IoT services for End-User, government entities may utilize IoT services provided by any IoT Service-Provider licensed to provide IoT services for others, on condition that pre-approval of NTRA on each app created for each and every government entity, shall be obtained by IoT Service-Provider.

You could contact us for more inquiries and/or for submitting a request to acquire one of the IoT licenses by sending an email to invest@tra.gov.eg