

Telecommunication Infrastructure Company (TIC)

Ministry of ICT

Introduction to Telecommunication Infrastructure Company

Nowadays, all communicative devices used in the daily life of human benefit from a common communication ground signifying a backbone network. Fixed telephony, cell phones, internet etc. need a common network ground, known as communications infrastructure. The incumbent of this expanded network in Iran is Telecommunications Infrastructure Company; it was established in 2004 after notification of Art. 44 of the Constitution and transfer of telecommunications body of the company to private sector; and from then on, it is working as governmental body of ICT Ministry with the aim of creating, developing, managing, organizing, supervising, maintenance and implementation of the main telecommunications network of the company and undertakes its infrastructural activities. In fact, the management of the main telecommunications infrastructure of the company is the first and foremost task of the Telecommunications Infrastructure Company, and it has helped introduce the company as the main incumbent of backbone telecommunications network of the country.

Value Statement of TIC

Telecommunications Infrastructure Company is governmental body providing national and international communications infrastructure within the framework of Islamic and Iranian values. In line with social, economic, cultural and political development of the country, it endeavours to play its role by customer-orientation and conformance to quality standards while focusing on deployment of local technologies and developing a climate of organizational innovation, creativity and dynamics, and applying a merit system by keeping and attracting specialized forces, conforming to professional codes of ethics and meeting the interest of all beneficiaries fairly.

Outlook of TIC

In the horizon of 2025, Telecommunication Infrastructure Company is a company that:

- Is bound to beliefs and values of Islamic revolution,
- Has achieved the first rank in the region for communications (communication hub),
- Benefits from specialized, efficient, accountable and active human resources,
- Depends on new technologies by efficient and continuous development and growth,
- Benefits from safe communication and information grounds all over the country,
- Is customer-oriented, creative, knowledge-oriented and organized,
- Is pioneer in deploying new managerial systems and organizational excellence,
- Actively participates in international unions and summits and has constructive interactions with global markets.

Macro-objectives of TIC

- 1) Development of national communications infrastructure and information technology,
- 2) Utilization of new technologies to procure bandwidth and services needed by various customers in national and international levels on aggregated, sustainable, safe and secure basis,
- 3) To improve the administrative system and promote the level of human capital productivity of TIC,
- 4) To increase market share of TIC,
- 5) To turn into a regional hub,
- 6) To actively participate in regional and international communications era.

The Mission Statement of TIC

By the grace of the Almighty and dependence on spiritual capitals originating from specialization , commitment ,and experience of TIC employees ,TIC is keen to market ,establish ,develop ,improve , implement ,maintain and commission and supervise the infrastructural telecommunications network of the country and meet the needs of authorized clients in different sectors such as private ,public and cooperative that offer information and communication services in accordance to national and international standards and it is keen to cooperate with international telecommunications operators in the field of international communications and traffic transit.

In addition ,we are committed to take fair and non-discriminatory steps by creating a dynamic and knowledge-based environment in line with respecting customer and supporting other activists of communications era .In addition to safeguarding our pioneer position inside the country in order to meet national interests ,this mission impels us to actively participate in international and regional summits ;and we will put adherence to legal principles and liabilities ,honesty and speed in our top agenda item .

The Main Objectives of TIC

- Establishment, execution, commissioning, marketing, development, improvement, maintenance and supervision and management of national telecommunications infrastructural network and data communications,
- To meet the communicative needs of clients in public, private and cooperative sectors rendering telecommunications services in accordance to international standards,
- Cooperation with other telecommunications operators in the field of communications and international traffic transit,
- Preparation and compilation of comprehensive plans in the field of infrastructural communications and data communications networks on the basis of requirements, needs, standards and regulations,
- Preparation and compilation of technical and specialized instructions, procedures, criteria, and standards needed by the company in the field of establishment, development, maintenance and commissioning infrastructural network.

Services of TIC

- 1- Connection to national IP network (internet),
- 2- Connection to VPN/MPLS,
- 3- Civil traffic transition (Interconnection),
- 4- International traffic transmission (Interconnection),
- 5- Border-to-border international traffic transition,
- 6- Connection to global internet network,
- 7- Connection to global internet network for telecommunications operators of neighbouring countries,
- 8- Local and international telex,
- 9- Lease lines (Data-HL),
- 10- Telecommunications facilities (space, electricity (power feeding), tower)
- 11- Point-to-point civil lease circuits,
- 12- Point-to-point international lease circuits ,
- 13- Transfer of audio-visual bandwidth,
- 14- VSAT satellite bandwidth.