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**Communication Regulatory Authority, Islamic Republic of Iran**

**TELECOMMUNICATION POLICIES IN IRAN**

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SATRC Policy, Regulation and Services Workgroup  
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## Telecommunication Policies in Islamic Republic of IRAN

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### Statistics of issued licenses

N o.	Field	Index	MoU	qty
1	Communication & Information Technologies	Internet Service Provider (ISP)	license	1638
2		Internet Service distribution provider (ISDP)	license	190
3		Private Access Provider (PAP)	license	11
4		Satellite Access Provider (SAP)	license	7
5		Fixed phone Provider	license	6
6		Mobile phone Provider	license	5
7		Global Mobile Personal Communication Service(GMPCS)	license	4
8		Wimax	license	38
9		Front Office	license	5936
10		Scientific Network	license	1
11		Post Service	license	1
12	Radio Networks	Radio license	license	16255
13		Importation, manufacturing and Dealer of Radio equipment	license	49

### Mobile Network Status in Iran (September 2012)

- All services are offered by private sector
- Technology based License
- One operator is allowed for 3G and others are limited to GSM ( 2G, GPRS, EDGE)

Number of Mobile Operators	Number of Mobile Subscribers	Penetration rate (%)
5 Mobile Operators (3 National Mobile Operators & 2 Local Mobile Operators )	57,144,632	77.2

### Mobile Ongoing Policies

- Upgrade all Operators to Mobile BB ( Under study )
- Technology Neutral License
- Keep existing conditions or new conditions( Under Study)
- Digital Dividend Spectrum ( Negotiation with Broadcast Company)




## National Roaming in IRAN

- National roaming based on fair prices and fair terms and conditions for effective and fair competition in the IRAN.
- In order to develop this fair competitive environment, the CRA considered the requirements for national roaming for new mobile service providers.
- As a result the CRA issued a Regulatory Framework on National Roaming for Mobile network Operators in late 2011.
- Based on this regulatory framework, Mobile network Operator is obliged to provide national roaming to a newly licensed Mobile network Operators subject to technical and commercial agreement based on negotiation.

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### Internet market share in Iran (September 2012)

ADSL Ports	Wimax Ports	Total Ports
2,422,865	558,894	2,995,259

**Note: Dial Up access to Internet is provided by ISPs as well.**

## Liberalization and Privatization

- Fully Liberalized Market: About 100% of ICT services are offered by Private Sector
- A Government company is responsible for international Gateways and Infrastructure Networks but works under CRA regulations (Tariffs, SLA Frameworks,...)

### *License for Creation and Operation of Fiber Optic Network and Users Access With Fiber*

- A fiber optic network and access network based on FTTx technology to be constructed and operated by the licensee.
- The licensee should be create the fiber optic network in  
2 levels:
  - Creation of fiber optic network
  - Creation of optic access network based on FTTx technology
- The licensee can be operated as either of the content provider and/or application provider.
- Quality Standards: The licensee is obligated to quality of service according to current regulation.

- **Licensed Services:** Any communications service including voice, data, video and combination of them could be supplied by the licensee through the network.
- A combination of Fiber and radio access may be applied



## VoIP in IRAN



**VoIP regulation in IRAN (Ongoing):**

- ▶ There is a comprehensive project defined by CRA in order to revise and organize national and international VoIP Service including following materials:
  - Study about best practice models of VoIP regulatory policy around the world
  - Study IEEE and IETF Standards and recommendations about VoIP
  - Study and evaluate current situation of VoIP market in both aspects of national and international
  - Codification of new tariffs and QOS considerations of VoIP
  - Defining license terms and conditions of VoIP regulation framework and election mechanisms of eligible service providers
  - Determining feasible scenarios of VoIP, considering current networks, regulations and laws

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## Premium Rate Service (PRS) regulation in Iran(ongoing)

Premium Rate Service (PRS) is a service, a product or content that can be purchased by any mobile or fix phone subscriber via voice, SMS, MMS,... using the operator infrastructure, charging the tariff to the phone bill. Subscribers pay such charges through their regular monthly bill or through using pre-paid system, and whether the subscriber has a landline or a mobile phone.



## Regulatory Considerations



- **Subscriber Rights**
  - Confirmation Procedures
  - Tariff awareness
- **Tariff**
  - Is it necessary Regulatory does pricing Or not?
  - Setting Price Cap tariff for services Categories (News, Training, Games,...)
- **Numbering**
  - Using a Special Numbering format
- **Contents Of Services**
  - Adaptation in to religion and cultural beliefs
- **Third Parties (Content Providers) Issues**
  - No regulatory intervention in revenue sharing
  - Checking Content Licenses which granted from relevant organizations

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