REGULATORY FRAMEWORKS
in ICT sector of Mongolia

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1. COUNTRY PROFILE

Territory: 1,564,115.75 km²

Climate: 4 Seasons extreme continental winter ave. -23

Highest peak: 4,267 m above the sea

Population: 3,037,716

Density: 1.76 per km²

Capital: Ulaanbaatar (45%)

Language: Mongolian

Ethnic groups: Khalkh 82.4%, Kazakh 3.86%, others 13.74%

No. of Provinces: 21 provinces

Religion: Buddhism 53%, Muslim 3%, Shamanism 3%, Christian 2%
1. COUNTRY PROFILE

GOVERNMENT AND POLITICS

GOVERNMENT TYPE: Parliamentary

GOVERNMENT: 16 ministries
21 agencies

GDP TOTAL: 11.52 billion ₿

ECONOMY: Agriculture, Mining

MINERAL RESOURCES: copper, coal, molybdenium
2. ICT SECTOR ORGANIZATIONAL STRUCTURE AND WORLD RANK OF MONGOLIA

PRESIDENT

PRIME MINISTER

PARLIAMENT

ITPTA
Information Technology, Post and Telecommunications Authority

IT PARK

DATA CENTER

CRC
Communications Regulatory commission

16 MINISTRIES

CABINET
members of the Government

21 AGENCIES

CITIZENS, BUSINESSES, OTHER PUBLIC AND PRIVATE ENTITIES

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3. STATISTICS OF ICT SECTOR OF MONGOLIA

Statistical Comparison of MONGOLIAN MOBILE AND TELEPHONE DENSITY (per 100 persons) with World Average

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3. STATISTICS OF ICT SECTOR OF MONGOLIA

STATISTICS OF RADIO AND TV BROADCASTING

SUBSCRIBERS

- 2008 year: 103,190
- 2009 year: 136,219
- 2010 year: 210,883
- 2011 year: 294,492
- 2012 year: 482,628
- 2013 year: 523,759
- 2014 year: 669,881

18.28% IPTV
18.98% CABLE TV
47.95% SATELLITE
14.80% MMDS

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4. LEGAL ENVIRONMENT AND ESTABLISHMENT OF CRC

- **1995**
  - Communications Regulatory Council established
  - "Law on Communications"

- **1999**
  - Law on Radio Wave

- **2001**
  - Law on Licensing Business Activities
  - Independent Communications Regulatory Commission established
  - "Law on Communications" revised

- **2002**
  - Renewed formation to the Communications Regulatory Commission
5. MISSION & MAIN RESPONSIBILITIES OF CRC

MISSION
To advance the development of ICT sector in Mongolia by making it more efficient and creating fair competition environment which meets the interests and needs of Mongolian citizens.

VALUES

FAIRNESS

TRANSPARENCY

EFFICIENCY
5. MISSION & MAIN RESPONSIBILITIES OF CRC

**CRC REGULATES**
/Law on Licensing Entities/

- Telecommunications
- TV and Radio broadcasting
- Content
- Spectrum Management and Monitoring
- Post
- Internet

**AUTHORITY OF CRC**
/Law on Communication/

- To prepare a proposal of State Policy
- Licensing
- Certification
- Interconnection
- Tariff
- Competition
- Enforcement of USOF obligation
- Standardization
- Numbering
- Managing Radio Frequency Spectrum
- Settlement of Regulation and spectrum utilization fee
- Resolving disputes
8. NATIONAL PROGRAMS & ONGOING REGULATORY PROJECTS

- e-Mongolia
- Unified Registration System
- National Satellite
- Mailbox for every household
- Switch over television broadcasting to digital technology
- e-Government
- National Broadband Network
- Data Security

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8. NATIONAL PROGRAMS & ONGOING REGULATORY PROJECTS

ON GOING REGULATORY PROJECTS

Preparation to implementation MNP

National Frequency Monitoring Project

Implementation of equipment type approval
9. FUTURE REGULATORY FRAMEWORKS & ACTIVITIES

IMPROVEMENT OF LEGAL ENVIRONMENT

- Amendment to Law on Licensing
- Amendment to Law on Custom (Parcel Issues)
- Amendment to Law on Communications
- Amendment to Law on Post
- Draft of Law on Broadcasting
- Draft of Law on Domain Name

REGULATORY GUIDELINES

- e-CRC project
  - Database of license holders
  - Database of statistic information
  - Billing and accounting
- Investigation of unified licensing regime
- Amendment to “Requirement for Broadcast Service”
- Amendment to “Requirement for Content”
- Reform Proposal on “Regulation and Requirement for Voice Call Service”
- Regulation for Website
9. FUTURE REGULATORY FRAMEWORKS & ACTIVITIES

REGULATORY ACTIVITIES

RADIO SPECTRUM MANAGEMENT
- 4G/LTE
- WiFi
- DVB-T2

NETWORK REGULATION
- Enforcement of Separation Policy
- Regulatory Guideline
- International transit (parket) service

TV BROADCASTING
- IPTV
- Cable Channel
- Drafting Law on Broadcasting

CONTENT REGULATION
- Amendment on License Requirement
- Drafting Law on Domain Name
9. FUTURE REGULATORY FRAMEWORKS & ACTIVITIES

FUTURE REGULATORY FRAMEWORKS

IMPROVEMENT ON EFFICIENCY OF SPECTRUM UTILIZATION
- Re-farming Frequency (LTE)
- Frequency re-planning - National Monitoring of spectrum utilization

SUPPORT /ENDORSE/ FAIR COMPETITION
- Mobile number portability
- National roaming
- SKA (Sender keeps all)

LICENSING REGULATION
- Investigation of technology neutral unified licensing regime

MARKET RESEARCH, CONSUMER PROTECTION:
- Type approval
THANK YOU FOR YOUR ATTENTION