



Ministry of Posts and Telecommunications

Cambodia's Initiatives on OTT Services

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Agenda

1. Telecommunication Status of Cambodia
2. Organizational Structure of Ministry of Posts and Telecommunications (MPTC)
3. Telecom/ICT Policy, Law, and Regulation
4. Initiatives on OTT Services

1. Telecommunication Status of Cambodia

1.1 Telecommunication Operation Licenses

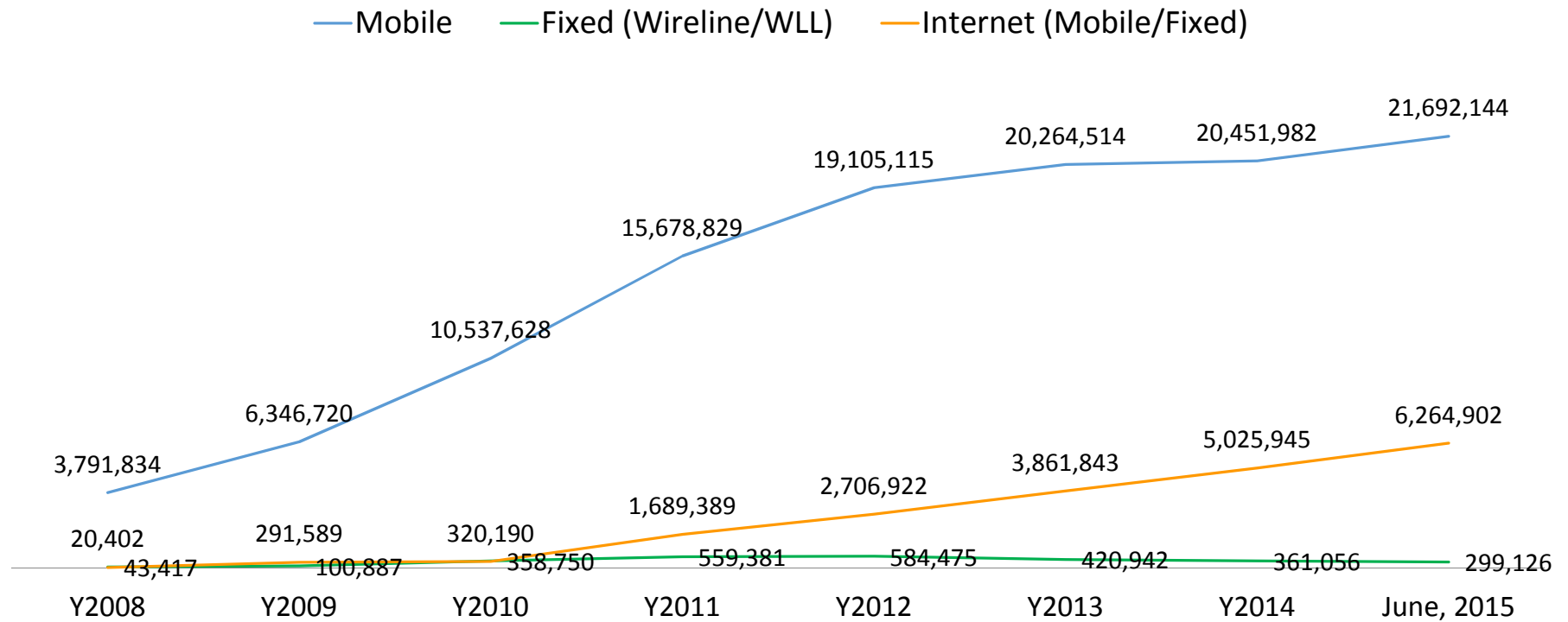
1.2 Telecommunication Service Subscriptions

1.3 Telecommunication Service Penetration

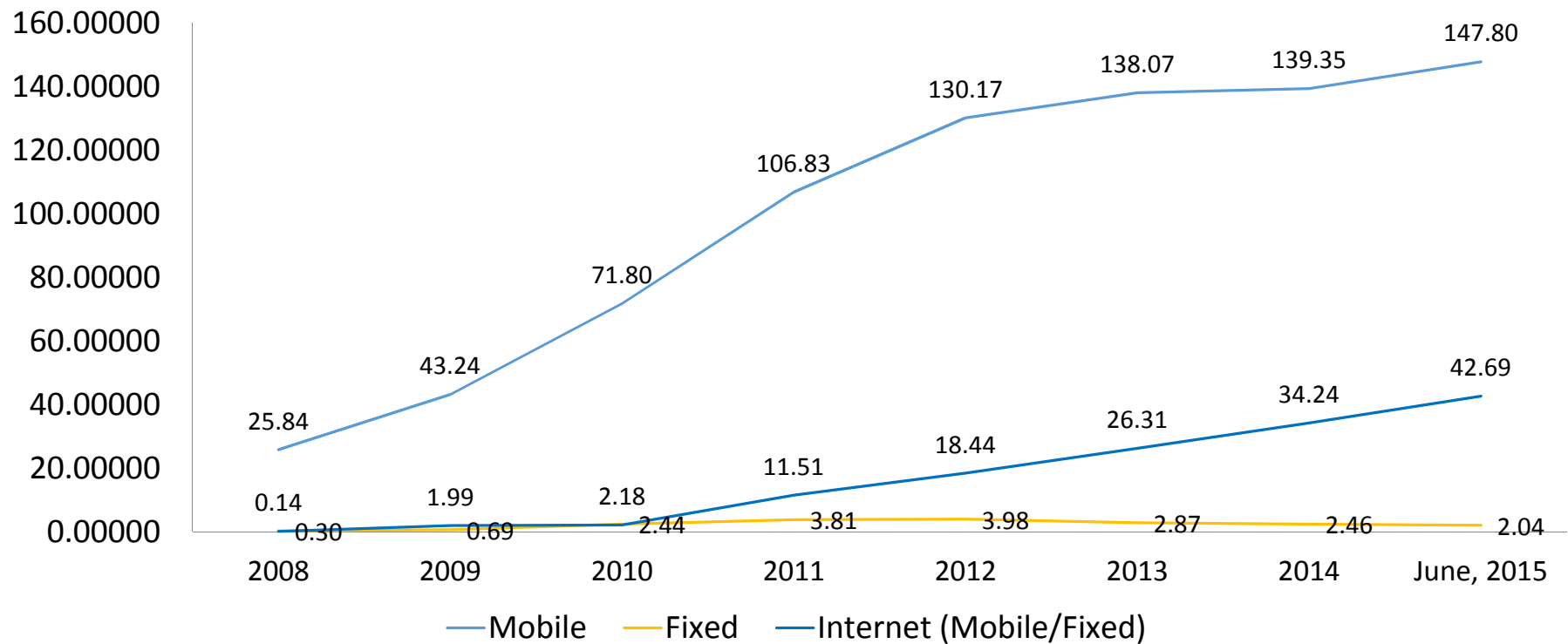
1.1 Telecommunication Operation Licenses

No.	Type of Licenses	Status of Licenses		Total
		In Operation	No In Operation	
1	International Gateway	3	0	3
2	Mobile Phone (2G, 3G, 4G-LTE)	7	6	13
3	Fixed Phone (PSTN & FWLL)	9	1	10
4	VoIP	22	22	44
5	ISP	31	36	67
6	Satellite	0	1	1
7	Tower Sharing	1	2	3
8	Submarine Cable	1	2	3
9	Optical Cable Network	3	0	3
10	Neutral IP Wholesaler	0	1	1
11	Value Added Network	1	0	1
12	Toll Free	1	0	1
13	Directory Service	1	0	1
14	VSAT	1	0	1
Total:		82	69	152

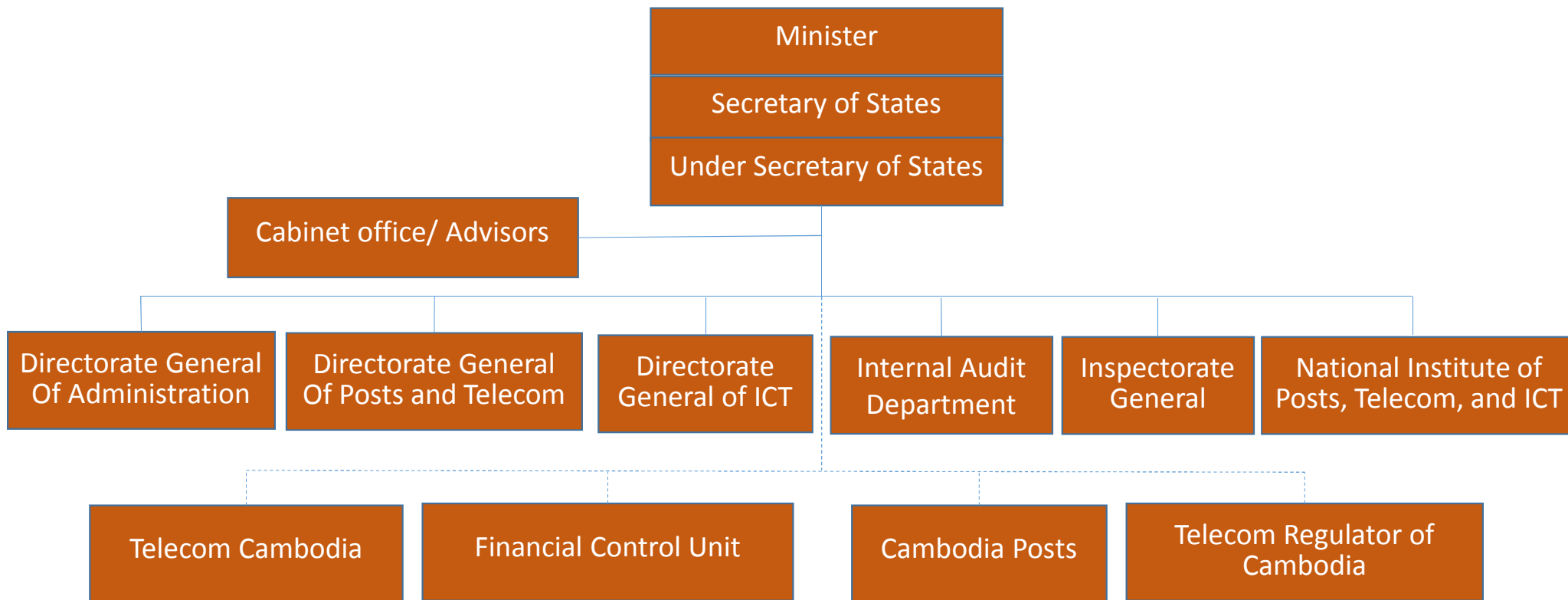
1.2 Telecommunication Service Subscriptions



1.3 Telecommunication Service Penetration



2. Organizational Structure of MPTC



3. Telecom/ICT Policy, Law, and Regulation

3.1 Draft Telecom-ICT Policy

3.2 Draft Law on Telecommunications

3.3 Telecommunication Regulation

3.1 Draft Telecom-ICT Policy

1. Strengthen T-ICT Development Foundation
 - Provide adequate legal and regulatory frameworks
 - Further develop T-ICT infrastructure
 - Bridge Digital Divide
 - Promote ICT literacy and develop competitive ICT human resources
2. Enhance ICT Security and Promote ICT Industry
 - Enhance ICT Security (Awareness, ICT Security Framework, CamCERT, PKI, Forensic Lab.)
 - Diversify T-ICT Industry (Private Sector Investment, R&D Fund, National ICT Standards)
3. Promote ICT Applications
 - Promote e-Government and e-Commerce
 - Promote the use of ICT for Environmental Protection, Climate Change Adaptation and Mitigation, and Disaster Management

3.2 Draft Law on Telecommunications

The goal of the draft law:

- To ensure the effective and efficient use of telecommunication infrastructures, networks, and services with high quality, security, and affordability that response to the requirements of social and economic developments of Cambodia.
- To encourage and ensure the private sector's participation in the telecommunication development.
- To ensure fair competitions in accordance with laws and regulations.
- To protect consumers, and
- To mobilize national revenues.

3.2 Draft Law on Telecommunications (cont.)

Article 14:

No person can perform any telecommunication operation, or be a telecommunication operator or service provider unless he receives a permission letter, certificate, or license from Telecommunication Regulator of Cambodia according to the conditions in this law and related laws and regulations.

3.2 Draft Law on Telecommunications (cont.)

Operations that require a permission letter (article 15):

- Import, export, supply, and distribution of telecommunication equipment
- Internet shop
- Sale and/or repair of telecommunication equipment
- Publication of telecommunication numbers
- Other operations according to declaration of MPTC.

3.2 Draft Law on Telecommunications (cont.)

Operations that require a certificate (article 16):

- Qualifying an agency for import, supply, and distribution of telecommunication equipment
- Type approvals of telecommunication equipment
- Other operations according to declaration of MPTC.

3.2 Draft Law on Telecommunications (cont.)

Operations that require a license (article 17):

- Construction and/or provision of telecommunication infrastructure and network, and its supporting infrastructure
- Provision of telecommunication services
- Other operations according to declaration of MPTC.

3.3 Telecommunication Regulation

The Inter-ministry Circulation on Business Management and the use of Telecommunication Services, 2012, requires telecommunication operators, sellers, and distributors to:

- Collect consumers' identities, and
- Provide necessary information up on the request of police officers for criminal investigation.

4. Initiatives on OTT Services

MPTC is considering the development of OTT policy and regulation in order to

- balance the benefit of telecommunication stakeholders such consumers, telecommunication operators, OTT service providers, and the Royal Government of Cambodia
- promote ICT development and innovation
- promote social and economic development, and
- strengthen national security and social order.

4. Initiatives on OTT Service (cont.)

Stakeholders/ OTT Impact	Benefits	Challenges
Consumers	<ul style="list-style-type: none"> • Good platform for communication, collaboration, and entertainment with low cost • Create new jobs and business opportunities 	<ul style="list-style-type: none"> • Spam, viruses, and other attacks • Leak of personal privacy • Victim of Internet cheating and threatening
Telecom Operators	Increase revenue from data usage	Decrease revenue due to OTT competition
Government	<ul style="list-style-type: none"> • Reach out to people • Citizen participation in government • Promote innovation 	Security challenges

Conclusion

- The OTT policy and regulation must be compliant with laws and regulations of Cambodia, and must benefit Cambodia as a whole.
- We need to conduct a deep study with different alternatives and regulatory impact assessment.
- We must consider:
 - Regional and global best practices
 - The philosophy of open Internet and net neutrality
 - Zero rating.

Thank You