Connecting Central Asia

Kazakhstan  Kyrgyzstan  Tajikistan  Turkmenistan  Uzbekistan

21st September, 2010

LG Uplus
Contents

- Introduction of LG Uplus
- Configuration of 1st CAREN
  - Land cable between Europe and Asia
- Telecom Market Evolution
- Q & A
Introduction of LG Uplus
U-Convergence Strategy

✓ As LG 3 telcos merged into one entity, LG U+ is providing All-IP based fixed and wireless convergence services with seamless service flow connected in any place on any device.
By providing converged services with seamless flow, mobile and fixed line services will be organically combined to maximize service competitiveness.

Services with a “Flow” without limitation of time and place

Convergence benefit

- Decrease service churn rates to lower marketing cost
- Increase service competitiveness vs competitor’s individual services (e.g., Cable TVs, PSTN Home phones)
- Accelerate our top line growth by upsellings and by acquiring total household telecom services
- Maximize our individual service price competitiveness by providing converged packages
- Increase sales channel efficiencies by providing converged services

“Stay Connected in Any Place on Any Device”
Configuration of 1st CAREN
## Contribution for CAREN/TEIN

<table>
<thead>
<tr>
<th>NO</th>
<th>A-end</th>
<th>B-end</th>
<th>Cable</th>
<th>bandwidth</th>
<th>Resilience</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HK</td>
<td>Ashgabat</td>
<td>TAE</td>
<td>34M</td>
<td>Partly protected</td>
<td>CAREN</td>
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<tr>
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<td>Perth</td>
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<td>622M</td>
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<td>TEIN</td>
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<tr>
<td>4</td>
<td>Seoul</td>
<td>HK</td>
<td>EAC</td>
<td>2.5G</td>
<td>Un protected</td>
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<td>5</td>
<td>HK</td>
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<td>EAC</td>
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<td>Un Protected</td>
<td>TEIN</td>
</tr>
</tbody>
</table>
HK-Bishkek Circuit Route Map
LG U+ is providing...
Land cable between Europe and Asia
## List of land cable

<table>
<thead>
<tr>
<th>Cable</th>
<th>Launching Year</th>
<th>Landing States</th>
<th>Capacity</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERMC (Europe-Russia-Mongolia-China)</td>
<td>2004</td>
<td>UK, Sweden, Netherlands, Germany, Russia, Mongolia, China, Hong Kong</td>
<td>400G upgrading to 1.6T</td>
<td>11,500km</td>
</tr>
<tr>
<td>TAE (Trans-Asia-Europe)</td>
<td>1998</td>
<td>China, Kazakhstan, Kyrgyzstan, Uzbekistan, Tajikistan, Turkmenistan, Iran, Turkey, Ukraine, Belarus, Poland, Romania, Hungary, Austria, Germany, Georgia, Azerbaijan, Armenia, Pakistan, Afghanistan.</td>
<td>2.5G upgradable to higher capacity</td>
<td>27,000Km</td>
</tr>
<tr>
<td>TEA (Transit Europe Asia)</td>
<td>2004</td>
<td>PoP in London, Stockholm, Frankfurt, Helsinki, New-York, Hong-Kong, Tokyo</td>
<td>400G</td>
<td>150,000Km</td>
</tr>
</tbody>
</table>
Block Diagram; ERMC
Block Diagram; TAE
Block Diagram; TEA
Telecom Market Evolution
Wireless Market Evolution

[ Next-Generation Wireless Network Evolution Roadmap ]

- April, 2010: acquired 800MHz license
- July, 2011: 800MHz license start
- July, 2012: 800MHz LTE launch
- July, 2013: 800MHz LTE nationwide coverage
- 2H, 2014: 800MHz LTE-Adv. launch

- Develop Equipment, IOT etc.
- Prepare Construction (Optimize cell planning, in-building etc.)

- Construct LTE network
  - Seoul
  - Metropolitan
  - Urban / Rural

- Install Additional EVDO Rev.A FA**
  - Seoul (2010)
  - Metropolitan (2011)
  - (1FA → 2,3 FA)
  - (1FA → 2 FA)

- Develop Rev.B multi-FA func.
- Apply 1x Enhancement (EVRC-B) for voice capacity

- Subscriber migration to 800MHz LTE

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19

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LG Uplus
LG U+ is capable of providing a stable and efficient cloud computing service to both corporate and retail

Personal Cloud
- Number 1 market share in web storage service ("Webhard")
- Commenced mobile webhard service
- Launched “U+ Box” service to accelerate mobile multimedia usage
- Mobile IPTV (VOD) service will be launched in Q4

Corporate Cloud
- Cooperate with Microsoft to commence SME SaaS* in Q4
- Focusing on each business field’s service needs and characteristics
- Develop service areas as going forward
- Cooperate with LG CNS to provide mobile office clouding services

New Growth Area

LG U+ is a stable and efficient cloud computing service provider for corporate and retail markets.
Thank You!!