

Nilesat Satellite Network

By

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Historical Review

- **Company Established 1996 to Launch and operate Satellite Broadcast and Contribution Networks**
- **First and Second Nilesat 101&102 (7° W) Satellites launched June 1998 and August 2000 respectively each with 12 Ku band high power DBS transponders**
- **The 24 transponder capacity were totally sold by 2004.**
- **Additional 13 transponder leased on Eutelsat AB4 (7.2° W) to face growing demand for Satellite capacity in the region. All sold by end of 2008.**
- **Over 460 TV and 100 Radio channels broadcasted via 35 Transponders operated from five Telport Sites: Cairo (18), Dubai (7), Jordan (7) , Riyadh KSA (1), Lebanon (1) and Qatar (1TP)**

Satellite Capacity Expansion Plan

- **Additional 10 KU/DBS transponders on Eutelsat AB4-A (7.2° W) leased from April 2009.**
- **Nilesat 201 Satellite will be launched by Q2 2010 with 24 KU/DBS High power transponders and (4) KA transponders for broadband connections**

DVB Broadcast Platform

- **Playout facilities for more than 70 SD channels**
- **MPEG-2 DVB Digital Broadcast Platform for 350 SD TV channel.**
- **HD (H.264) Broadcast platform Ready to use for the Youth Football World Cup September 2009.**

DVB Broadcast Platform (Cont)

- **Program Contribution facilities with TV production studios in Cairo and other countries Using:**
 - **MPEG-2 /4 Encoding and BW efficient modulations (8PSK and 16 APSK).**
 - **STM1 Fiber and Microwave connection to telecom Networks**
- **Platform to distribute IPTV Streams on the coverage area.**

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Thank you