8th Annual Conference on

TELECOM INFRASTRUCTURE IN INDIA

Trends and Outlook; Issues and Opportunities
April 29-30, 2014, The Leela Ambience, Gurgaon

Organisers:

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Mission

- After a period of subdued growth, the telecom infrastructure segment is set for a revival. The biggest growth driver will be investments in telecom networks that will result from the expansion of existing 2G networks in the 900 MHz band, and roll-out of 3G services in the 2100 MHz band as well as broadband wireless access (BWA) services in the 1800 MHz and 2300 MHz bands.
- A new focus on data consumption and increased emphasis on rural connectivity will drive segment growth. There is also greater clarity on sector policies and regulations.
- Further, the growing fibre-to-the-home market and the increasing demand for in-building solutions (IBS) in sectors such as real estate have provided new business opportunities for infrastructure providers. They have also been increasingly targeting the retail sector and educational institutes through connectivity solutions like Wi-Fi and cloud computing.
- With growth in data traffic, the industry is witnessing several new trends. There has been an increased uptake of small cells and macro cells for providing broadband services. The use of these components will pick up as operators start providing BWA services. Besides, solutions such as the distributed antenna system are likely to witness greater uptake in the coming years.
- There have been increased efforts towards reducing costs by increasing the scale of infrastructure sharing across telecom segments. In one of the biggest deals in this space, Reliance Jio Infocomm and Bharti Airtel entered into an agreement for sharing their infrastructure including optic fibre, submarine cables, towers and broadband networks.
- The government’s Rs 250 billion National Optical Fibre Network (NOFN) project will also involve sharing of fibre infrastructure between private and state-owned players.
- However, the telecom infrastructure segment is facing several operational and deployment challenges. It faces issues related to right of way (RoW), and interference and approval delays on the part of local municipalities. On the operational front, an increase in diesel and grid-based power costs has made energy management at tower sites a key concern. While most tower companies have taken renewable energy initiatives to replace diesel generators, the scale of adoption is limited due to high capex requirements.
- Meanwhile, the benefits of granting infrastructure status to the telecom tower industry are yet to be realised. While the Tower and Infrastructure Providers Association made certain recommendations to the High Level Committee on Financing Infrastructure for further provisions for telecom financing including higher lending limits at low interest rates, a decision on the same is still awaited.
- The mission of this conference is to examine the key growth trends; discuss the opportunities and challenges; study the impact of recent policy and regulatory developments; and showcase the latest innovations and most promising technologies. The conference will also provide a platform to infrastructure companies, telecom operators and solution providers for sharing experiences and exchanging ideas.

Target Audience

The conference is targeted at:

- Telecom operators
- Policymakers and regulators
- Infrastructure service providers
- Civil contractors
- Infrastructure developers
- Industry analysts
- Technology providers
- Financial institutions
- OFC manufacturers
- Telecom equipment manufacturers
- Infrastructure equipment manufacturers
- Legal and management consultants
- Supporting infrastructure companies
- Renewable energy/Power solution providers
- Energy-efficient technology providers
- Energy management consultants
- Broadband service providers
- Wireless Internet service providers
- 3G service providers/solution providers
- Other investors
- Etc.

Organisers

The conference is being organised by India Infrastructure Publishing, a company dedicated to providing information on infrastructure sectors through magazines, newsletters, reports and conferences. The company publishes tele.net, Indian Infrastructure, Power Line, Renewable Watch and Smart Utilities magazines. It also publishes Telecom News (a weekly newsletter), and the Telecom Directory and Yearbook. The group also operates www.tele.net.in, India’s most comprehensive telecom website.

Delegate Fee

- The delegate fee is Rs 22,500 for one participant, Rs 37,500 for two, Rs 52,500 for three and Rs 67,500 for four.
- A service tax of 12.36 per cent is applicable on the registration fee.
AGENDA/STRUCTURE

Key Trends and Market Outlook
- What are the key trends and opportunities in the telecom infrastructure segment?
- What are the market drivers? What are the key issues and challenges?
- What are the emerging tenancy models? What is the future outlook?

Infrastructure Providers’ Perspective
- What is the tower companies’ perspective on the current state of the telecom infrastructure segment?
- What is the demand-supply outlook? What opportunities are likely to emerge with 3G and BWA?
- What are the key issues and concerns faced by tower service providers?

Operator Viewpoint
- What is the operators’ perspective on telecom infrastructure?
- What are the investment requirements for 2G, 3G and BWA networks over the next three to five years?
- What are the rural infrastructure roll-out plans? What are the key issues and concerns?

Policy and Regulation: Progress on Implementation of NTP 2012
- What has been the progress so far in meeting the objectives of NTP 2012?
- What is the likely impact of the recent spectrum auctions on infrastructure demand?
- What is the likely impact of the proposed M&A guidelines?
- What is the likelihood of allowing spectrum sharing? How will it impact the industry?

Focus on 3G and 4G
- What is the level of 3G/4G adoption and its likely impact on infrastructure demand?
- What is the spectrum requirement to meet the growing data demand?
- What steps and solutions are needed for optimising 3G/4G towers?

Update on Active Infrastructure Sharing
- What are the key factors impeding the growth of active infrastructure sharing in India?
- What are the key lessons from global operators?
- What is the future outlook?

Energy Management: Strategies and Solutions
- What are the power requirements of the telecom sector?
- What are the key energy-related issues and challenges faced by service providers?
- What strategies can operators adopt to reduce energy costs?
- What are the most relevant and promising solutions in this regard?

Renewable Energy Solutions for Telecom
- What has been the progress on meeting DoT’s green telecom targets?
- What are the most promising alternative energy solutions? What has been the operator experience so far?
- What are the cost economics of deploying these solutions (energy savings, capex, RoI, etc.)?

MNRE’s Perspective
- What are the key initiatives taken by the MNRE to promote renewables in telecom?
- What are the ministry’s plans to meet the solar targets set for the telecom sector under JNNSM Phase III?
- What has been the industry’s response to the targets set for the sector by the ministry?

Rural Telecom Infrastructure
- What is the current status of telecom infrastructure in rural areas?
- What steps need to be taken to increase the uptake of telecom services in these areas?
- What are the key challenges and how can they be addressed?

Update on NOFN
- What is the progress of NOFN deployment (RoW, clearances, contracts and orders, financing, etc.)?
- What are the opportunities for the private sector?
- What are the key challenges being faced by BBINL in network implementation?

Mobile Backhaul: Technology and Investment Trends
- What are the emerging technology and investment trends in mobile backhaul?
- What is the likely impact of 3G/4G network roll-out on backhaul demand?
- What are the available solutions and best practices to efficiently manage mobile backhaul networks?

Focus on In-Building Solutions
- What are the key trends in the IBS space? What is the uptake so far?
- What are the costs and benefits of deploying these solutions?
- What are the key challenges in deploying IBS? What steps need to be taken to address them?

Update on Local Issues: Zoning and RoW
- What are the key issues related to RoW, local clearances and levies for telecom infrastructure?
- What role can zoning play to address these issues?
- What steps should be taken by the central/state governments to resolve these issues?

Focus on New Technologies: Small Cells, Picocells and Wi-Fi
- What is the business case for deploying new technologies like macro and small cells, picocells and Wi-Fi?
- What are the key growth drivers?
- What are the key challenges in deploying these technologies?

Asset Tracking and Management
- What are the available solutions for tracking and management of site inventory?
- What are the benefits of adopting these solutions?
- What are the cost implications?

Previous participants

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Registration Form

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