## Investor Presentation

April 201*5* 

DEN Networks Ltd.





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## DEN Networks: India's Largest Cable MSO

## Cable

## Broadband

## TV Commerce

## Soccer

India's Largest Cable TV MSO

True High Speed Internet

50-50 JV with Snapdeal

Owners of Delhi Dynamos FC

- ✓ A pan-India Subscriber
   Base of <u>13 million</u>
   homes
- ✓ Over <u>65 million viewers</u> served

- ✓ Bringing global
   standards of high speed
   broadband to India
- ✓ Speeds of <u>5 Mbps</u> to <u>100</u> <u>Mbps</u>

- ✓ DEN Snapdeal TV-Shop, A
  24 hour **home shopping channel**
- ✓ <u>Combining strengths</u> of <u>DEN</u> & ecommerce giant <u>Snapdeal</u>

- ✓ The Delhi Franchise of the Indian Super League
  (ISL), a new soccer league
- ✓ Lending <u>branding</u>
  <u>muscle to DEN's</u> B2C
  transformation



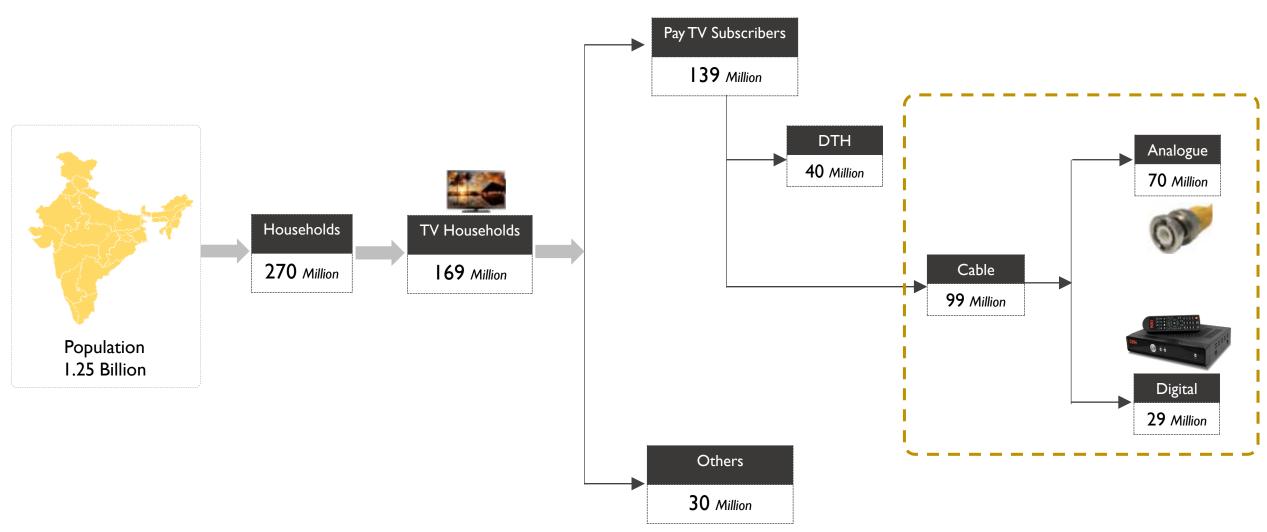


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## Addressable Cable Opportunity in India



Source: MPA, FICCI-KPMG, Company Analysis



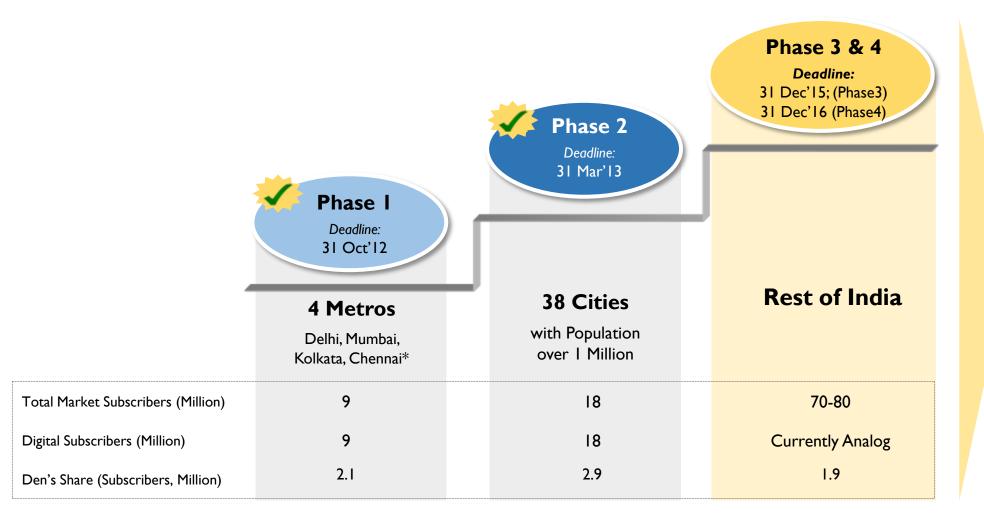
### TV Evolution in India (The Entry of Cable/ Satellite TV in India Became the Catalyst that Drove Expansion of TV in India)

#### STAR TON Pre-1990: Doordarshan Era Post-1990: The Satellite Era ✓ Shift from Analogue to Terrestrial television in Introduction of ✓ Star, Zee, Sony and a few other players Digitization Notification India started with the establish themselves National telecasts experimental telecast DAS Phase I and 2 digitization 20-30 channels on air starting in Delhi in Launch of Colour TV achieved (27 Million Digital Sep'1959 Cable distribution: small scale/ local businesses in India Subscribers) 1982 2011-2014 1959 1992-1995 2015-2018e 1960s and 70s 1990-91 1995-2010 ✓ Emergence of MSOs, with Pan-India Presence ✓ Series of economic and social reforms in 1991 ✓ Digitization in Phase 3 and 4 under Prime Minister Narasimha Rao expected to be completed √ Channels go Encrypted/ Pay ✓ Liberalisation of the broadcasting industry, ✓ More than 94 Million Cable ✓ Boom in number of channels (300+) ✓ The regular daily transmission government allowed private and foreign Digital Subscribers projected by started in 1965 as a part of All ✓ Emergence of digitalisation broadcasters to engage in limited operations in end of 2019 India Radio. India ✓ Industry starts Consolidating ✓ Television services were separated from radio in 1976. ✓ Cable TV introduced in India. ✓ DEN Started Operations in 2007

Source: MPA, Company Analysis, Generic Web Search



## Cable Digitization in India...



#### **Opportunities**

- Den 6.2 M Analog customers in phase 3 & 4 areas
- New Customers Universe + shift
- Market share
- Bundled Services (Cable and Broadband)
- · Cross Selling Broadband to **Existing Cable Customers**

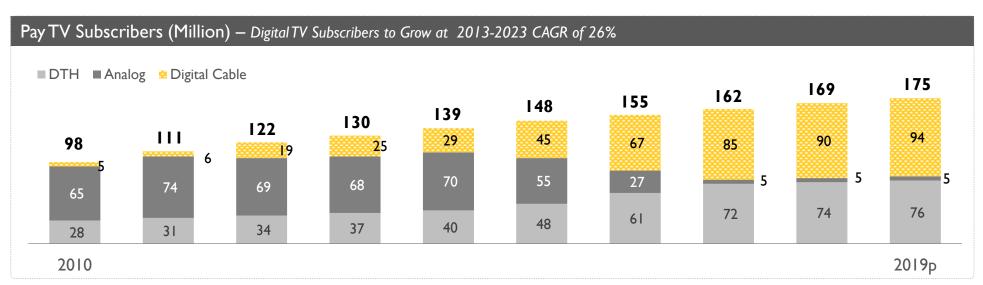
Source: MPA, Company Analysis

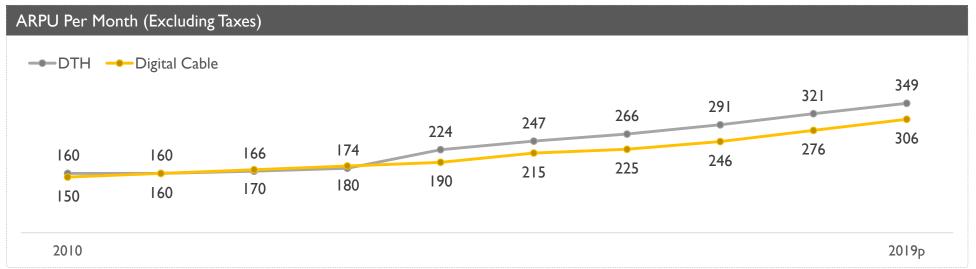
<sup>\*</sup> Digitization Delayed in Chennai



## ...has led to the structural change in The Cable Industry...

(Digital Cable Subscribers Share to Rise to 54% of total Pay TV Subscribers by end of 2019 from 19% in 2013)



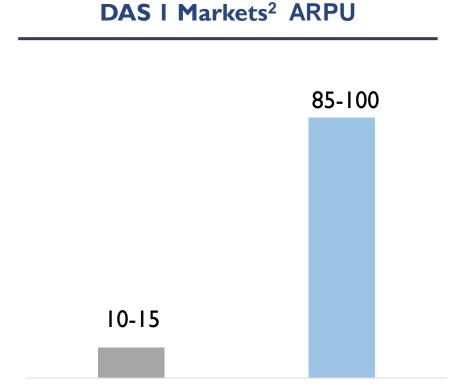


- Highly fragmented industry
   6,000 MSOs/ 60,000
   LCOs
- ✓ Consolidation has started
  Top 10 MSOs control ~60%
  of the cable subscribers; Top
  5 MSOs control 85% of the
  digital cable subscribers
- Penetration of digital cable subscribers in total Pay TV Subscribers is expected to go upto 54% by end of 2019 form 19% in 2013
- ✓ Increase in ARPU driven by digitization

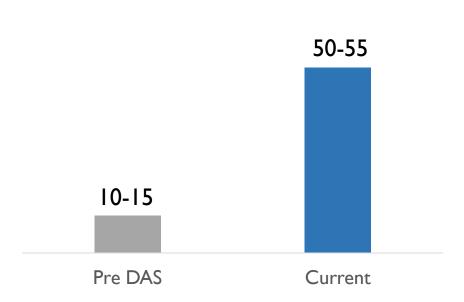
Source: KPMG – FICCI, Company Analysis



## ...and Has Led to Improved Industry ARPUs<sup>1</sup> in DAS I and 2 Markets



## DAS II Markets<sup>3</sup> ARPU



- 1: Net Subscription Revenue per STB Excluding Taxes
- 2: Phase I Cities of Delhi & Mumbai

Pre DAS

3: Industry estimates – company sources

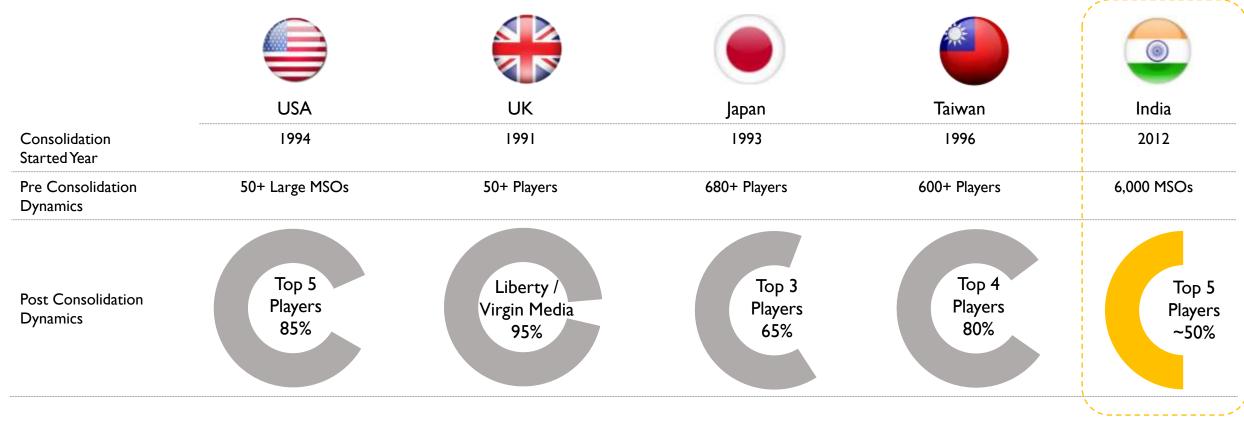
Current



#### **DEN** to Lead Consolidation Game

India Likely to Follow The International Cable Markets, the Path to Last-mile Consolidation and Digitalization

- ✓ Globally, the development of the cable TV business has focused on ownership of the last mile, with cable MSOs operating as B2C businesses. Successful B2C last-mile MSOs around the world include likes of Comcast, Time Warner Cable and Cablevision in the US and Liberty Global in UK
- ✓ Cable TV industry has witnessed consolidation in key global markets with top 5 players controlling majority of the industry share.
- ✓ Den, The Largest cable MSO is well positioned to consolidate smaller operators and strengthen its leadership position



Source: MPA, TRAI



## Comparison of Cable vs DTH Platform

	(S (1) (S	
	Cable	DTH
Digital Transmission	$\checkmark$	$\checkmark$
Weather Proof Signal – No Rain Interruptions	<b>✓</b>	*
Capacity (for 900 SD + 200 HD channels)	<b>✓</b>	×
Easy Installation (No dish required)	<b>✓</b>	*
Ability to Localise Channels/Ads	<b>✓</b>	×
Broadband Capability	<b>✓</b>	×
Ability to serve remote areas	×	<b>√</b>



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#### Global Internet Markets – A Profile

#### India's ranking in the world and penetration of services Provides Huge Growth Opportunities

- India: 150 Million
- World: 2 Billion
- Mexico: 53 Million
- Brazil: 108 Million
- Russia: 85 Million
- Hong Kong: 6 Million
- Singapore: 4 Million

Internet Users

3

India: 12%
World: 39%
Mexico: 43%
Brazil: 52%
Russia: 62%
Hong Kong: 80%
Singapore: 81%

Internet
Penetration
142

- India: 1%
- World: 10%
- Mexico: 11%
- Brazil: 9%
- Russia : 15%
- Hong Kong: 32%
- Singapore: 26%

Fixed

**Broadband** 

Penetration

125

- ✓ Current Internet Users in India are predominantly on low speed (<512 kbps) connections
- ✓ Digital India target of achieving 175 broadband (fixed and mobile) users by end of 2017 and 600 million by end of 2020; ~85 million achieved by end of 2014
- ✓ Predominant Fixed line Broadband Platform is DSL on legacy copper networks
- ✓ Out of 149 Broadband Service Providers, top 10 service providers share the 96% of total broadband subscriber (>=512 Kbps) base in India. State owned companies viz. BSNL and MTNL together have about 74.9% market share for wireline broadband and 30.5% for overall broadband subscriptions



## Fixed Broadband Contributes ~80% of Total Broadband Data Consumption

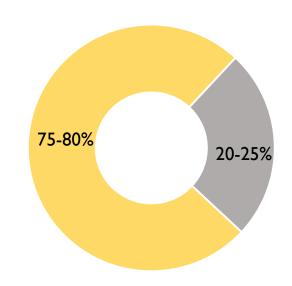
## Fixed Internet has a well defined and complimentary role to Wireless Internet

- While the world focuses on 3G and 4G connections, it is critical to take stock of the usage of Wi-Fi networks to access the Internet over mobile devices. The usage numbers on Wi-Fi connections remain high even in the US despite a high penetration of 3G connections.
  - ✓ 37.2% of U.S. digital traffic from mobile phones comes through a Wi-Fi connection. On tablets, this numbers shoots up to 90.8%. In fact, most devices automatically switch to Wi-Fi connections when available (in order to save on data costs).
  - In India too, this number remains fairly high with around 77% of the overall pages viewed on the mobile being driven by Wi-Fi connections.

Broadband Data Consumption Driven by Fixed Internet (Fixed Internet Contributes 75-80% of the broadband data consumption with mere 20% of the total broadband users in India

#### Fixed Internet (20% Users, 80% Data Consumption)

- ✓ Contributes major of ~75-80% of the total broadband internet data consumption in India. There are more than 15 Million Fixed Broadband Internet Users in India.
- ✓ 5GB to 15 GB per home per month @<2MBPS
- ✓ Primarily used for Videos, Rich Media, Music, You Tube, Emails, Social Media (Facebook, Twitter, Instagram) etc.



#### Mobile Internet (80% Users, 20% Data Consumption)

- ✓ Consumes 20-25% of the total broadband internet data consumption in India. There are more than 70 Million Mobile Broadband Internet Users in India.
- ✓ 50MB to IGB per user per month @<IMBPS
- ✓ Primarily used for Emails, Social Media (Facebook, Twitter), Mobile Applications, Maps etc.

Source: Avendus, Comscore



## Comparison of Broadband Speeds With Other Asia Pacific Countries (2014)

Country/Region	Speed - Avg. Mbps	Global rank in average speeds	% of Broadband connections above 4 Mbps	Global rank in % of BB connections above 4 Mbps
South Korea	25.3	1	96%	1
Hong Kong	16.3	2	89%	8
Japan	15.0	3	87%	12
Singapore	12.2	10	83%	20
Taiwan	9.5	27	78%	31
New Zealand	7.0	42	77%	33
Australia	6.9	44	66%	47
Thailand	6.6	48	85%	15
Malaysia	<b>4</b> . I	71	39%	67
China	3.8	75	34%	72
Indonesia	3.7	77	35%	71
Vietnam	2.5	101	14%	86
Philippines	2.5	105	9%	90
India	1.0	115	7%	92

Source: Akamia Technologies



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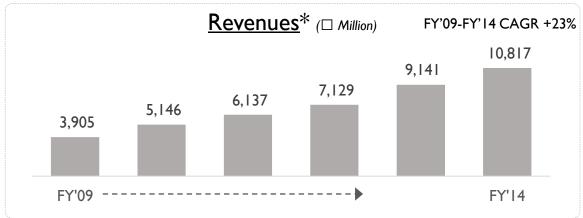
## Established in 2007, DEN is the Biggest MSO with 13 Million Cable Subscribers (>50% Digitized) With...

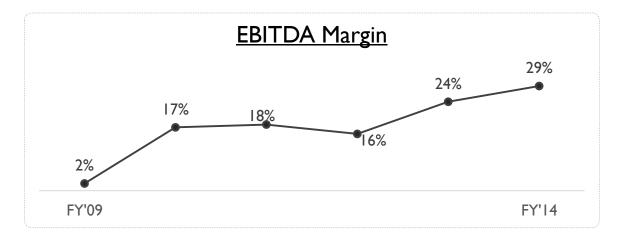
#### Overview and Investment Highlights

Established in 2007, Den Networks is transforming into a B2C Powerhouse and has enhanced its product portfolio offering high speed Broadband services with a vision to provide bundle services to its customers. Recently the company has diversified itself into new TV Commerce business.

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- Biggest MSO in India with 13 Million Cable TV Subscribers (including 6.8 Million Digital Subscribers)
- Provides cable services in more than 200 locations/cities across 13 key states in India
- 21% market share in India's digital cable subscribers (25% in Phase 1&2)
- Home pass of over 300,000 for Broadband with ~20k subscribers
- TV Commerce reach 25 Million homes, with current annualised GMV of ~INR I Billion
- Experienced leadership team to spearhead growth;



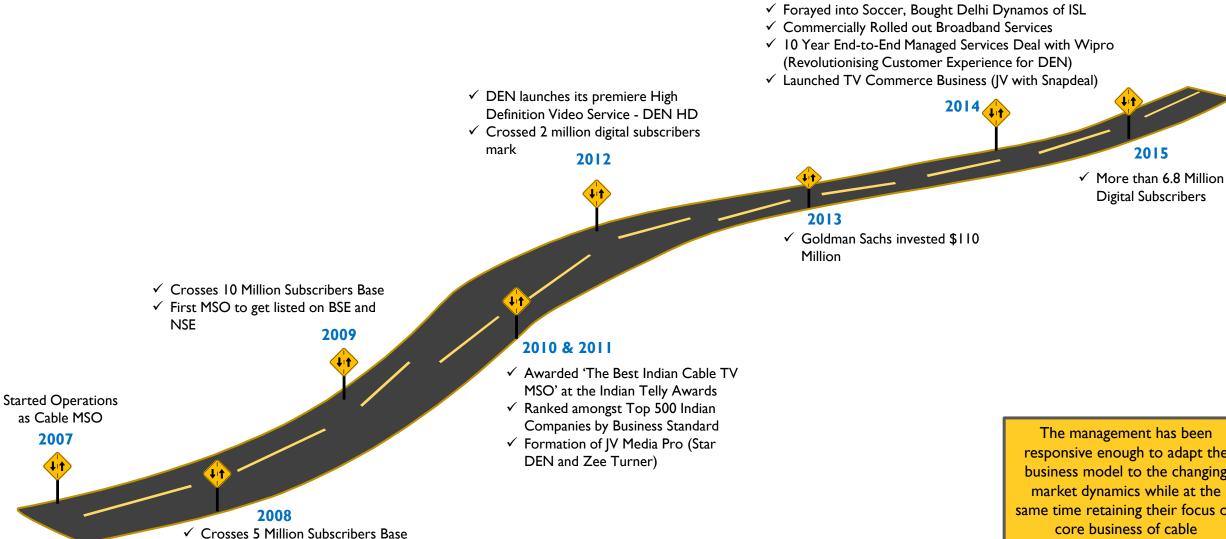


<sup>\*</sup>Revenues, for a comparative basis, on a Net Basis (Net of Distribution Rights Cost and Net of LCO Share)



2015

## ...Phenomenal Growth Story (Evolution and Key Milestones)

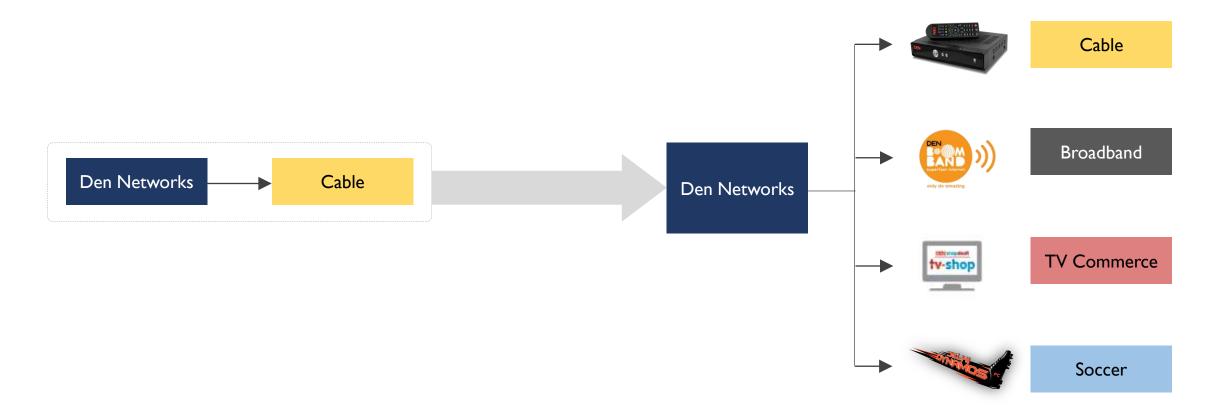


✓ Formation of IV Star DEN – 50-50 IV between DEN & Star TV Group (exclusive channel distribution)

The management has been responsive enough to adapt the business model to the changing market dynamics while at the same time retaining their focus on core business of cable



## ...Transformation Happening From Cable Only Business into a B2C Powerhouse



2007 2015



#### **DEN Business Overview**

#### Cable

Biggest Cable TV MSO in India

Started in 2007 9M FY'15 Revenues: 7.654 Million

- ✓ A pan-India Subscriber Base of 13 million homes
- Over 65 million viewers served



© Den Networks Ltd.

#### Broadband

High Speed Internet

Launched in 2014 9M FY'15 Revenues: 47 Million

- ✓ Bringing global standards of high speed broadband to India
- ✓ Speeds of 5 Mbps to 100 Mbps



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#### TV – Commerce

JV with Snapdeal

Started in 2014 9M FY'15 Revenues: 6 Million

- ✓ A 24 hour home shopping channel
- Currently clocking an annualised GMV of INR I Billion



#### Soccer

Owners of Delhi Dynamos

Bought in 2014 9M FY'15 Revenues: 81 Million

- ✓ The Delhi Franchise of the Indian Super League (ISL)
- ✓ Lending branding muscle to DEN's B2C transformation





## Marquee Investors

#### **Shareholding Pattern**

	Mar'l I	Mar'12	Mar'l3	Mar'l4	Mar'15
Promoters	53.73%	54.69%	53.24%	40.05%	40.05%
FIIs/FPIs	12.22%	8.14%	14.72%	17.40%	20.92%*
DIIs#	1.73%	2.87%	3.34%	2.94%	1.32%
Foreign Body Corp.	8.79%	7.00%	6.82%	22.92%	22.92%**
Domestic Body Corp.	14.80%	17.24%	12.30%	10.00%	8.65%^
Retail and Others	8.73%	10.06%	9.58%	6.69%	6.14%

### 100% = 178 Million Shares

#### **Top Shareholders (Non-Promoters)**

Affiliates of the Goldman Sachs Group	17.79%
Affiliates of IL&FS	7.50%
Acacia Group	6.05%
Route One Fund	3.58%
Baron Emerging Markets Fund	2.17%
The Spruce House Partnership LP	2.08%
Affiliates of Soft Bank	1.87%
Life Insurance Corporation of India	1.06%

<sup>\*</sup> Driven by Investments by Acacia Group, Route One Fund and Spruce House

<sup>\*\*</sup> Driven by Investments by Goldman and its affiliates

<sup>^</sup> Max New York, Religare and others sold their stakes partially

<sup>#</sup> Includes Insurance Companies, Banks, UTI, Mutual Funds etc.



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## Cable Business Increasing Footprint Across India

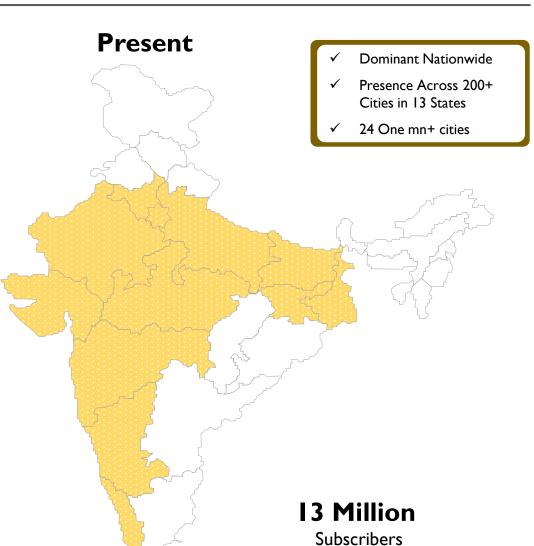
2007

Million
Subscribers

2010



II Million
Subscribers



(7 Million in Digital and 6 Million Analog)



## Cable Business Snapshot

#**1**Biggest Cable MSO in India (Cable Subscribers Universe)

13<sub>Million</sub>

Cable Subscribers

6.8<sub>Million</sub>

Digital Cable Subscribers >80%

**Monetized STBs** 

21%

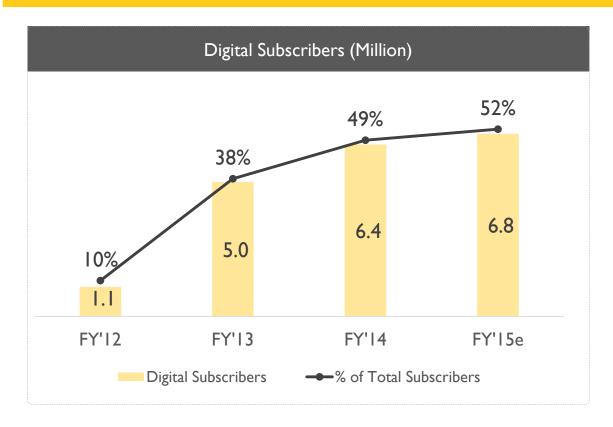
Market Share in India's Digital Cable Subscribers Industry 100 INR

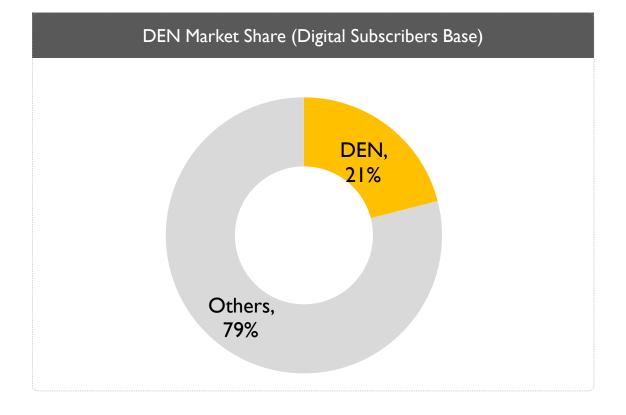
Average Net Realization Rate in DAS Phase I Markets INR 0 Billion

Revenues for FY'14

30%

EBITDA Margin





Source: Company Analysis, MPA



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## Den Broadband - Our Inspiration

Co	mi	Da	nv

#### Country

#### Video Subscribers

#### Internet Subscribers

#### Market Cap





22.4 Million (2014) 22.8 Million (2010) 23.4 Million (2006) 22.0 Million (2014) 17.0 Million (2010) 11.0 Million (2006)

\$142 Billion





3.8 Million (2012) 3.8 Million (2010) 3.0 Million (2006) 4.3 Million (2012) 4.0 Million (2010) 3.1 Million (2006) \$23 Billion (Acquisition Value) (Acquired by Liberty in 2013)





8.3 Million (2014) 9.0 Million (2010) 10.0 Million (2006) 2.2 Million (2014)1.0 Million (2010)0.1 Million (2006)

\$10 Billion (Acquisition Value) (Acquired by Vodafone in 2013)

Source: Company Reports, Company Analysis



## Den BoomBand is Well Positioned to Meet the Emerging Demand for High-Speed Broadband in India

#### Drivers of Broadband in India



Migration of entertainment content to web-based platforms



**Multi-user homes** driven by low cost access devices starting at \$100



Increasing affordability



© Den Networks Ltd.

Less than 8% of internet users are on Broadband



Over 80% of Broadband is still provided on archaic DSL technology

#### **Den Boomband**



Compelling value proposition (70x faster speed over competitor base plans and better value for money)



India's first real high-speed broadband brand -'Boomband'

Revenue and cost synergies with Cable; Potential to upgrade to Triple play services





Access to 13 million homes across **200 cities** through existing network of LCOs/ distributors in India



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# 50:50 Joint Venture



## A 24 hrs Home Shopping Channel



## **DEN Snapdeal TV-Shop**



DEN Snapdeal TV Shop – The First of its Kind 50-50 JV between an e commerce giant and a Cable/ DTH network



## TV Commerce Opportunity

## **Growth drivers of TV-Commerce Industry:**

## a) Reach

- Internet reach in India: 150 million
- Pay TV reach in India: 140 million Households (i.e. 700 million users)

## b) Shopper profile:

- Average age of consumer buying from web: 20-25 vs 30-25 on TV Commerce
- Higher purchasing power of TV Audience
  - Average selling price of Web vs TV-Commerce: INR 1000 vs 2000

## **Industry & Competition**

- Total market size: 6-8,000 Cr (Annually)
- Growth rate 30% 40% CAGR

## **Key Players and Market Share**







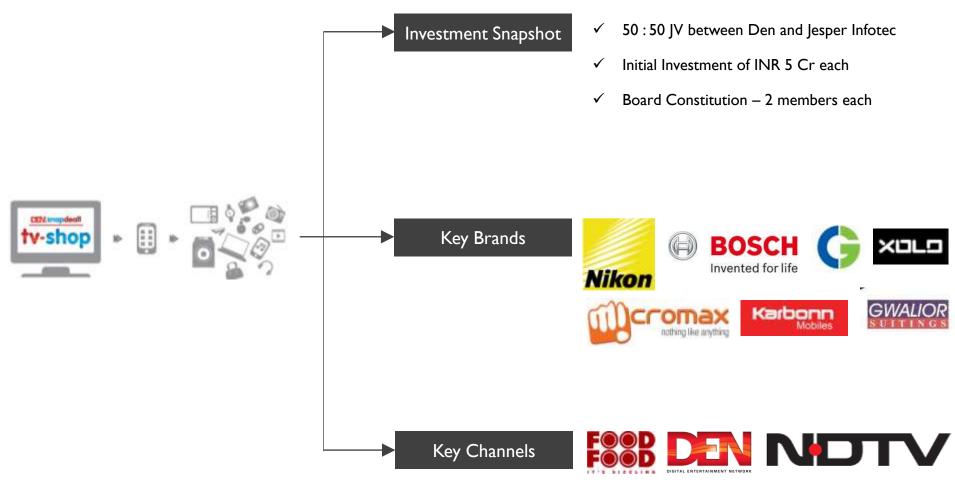
Others...



## TV Shop – Snapshot



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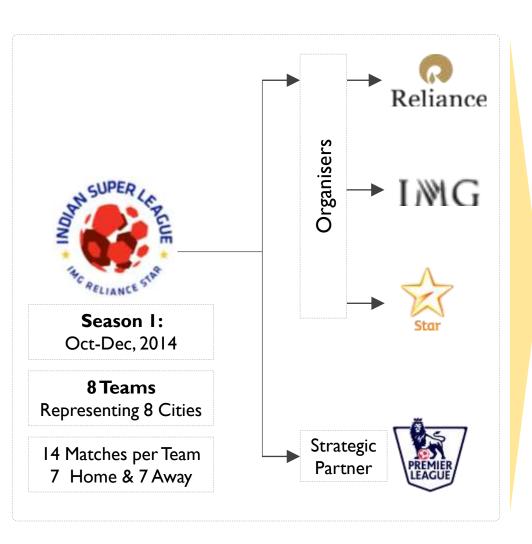






## Owns Delhi Dynamos (Delhi Soccer Team – ISL)

## A marketing/ branding vehicle as DEN transforms into a B2C play



#### 429 Million

#### TV Audience – Viewership Reach

Huge viewer interest in the ISL driven by high quality football, celebrity presence & prime time telecasts

#### 26,000+

#### ISL Average Stadium Attendance

Best football India has ever seen draws strong stadium attendance

#### #1

#### Asian League by Stadium Attendance

Higher than China's CSL, Japan's J-League & South Korea's K-League

#### #4

#### League Globally by Stadium Attendance

Higher than USA's MLS, French Ligue 1 & Italy's Serie A; Trails only marquee European Leagues Bundesliga, EPL & La Liga

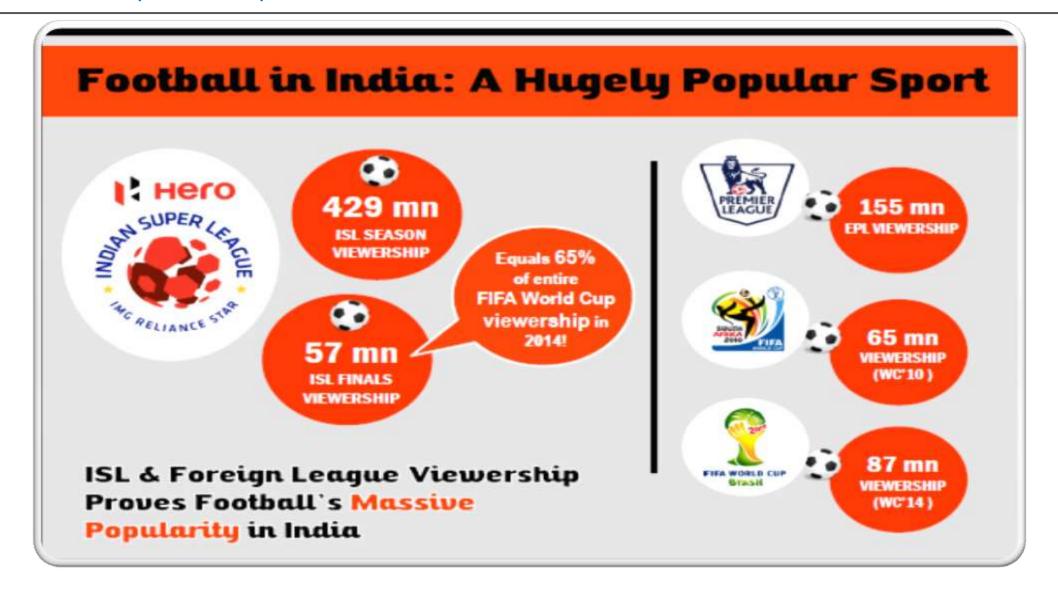


## Delhi Dynamos

- ✓ The Delhi club of the ISL, owned by DEN
- ✓ A branding vehicle for DEN offerings as it transforms into a B2C company
- ✓ Fair Play Award in I<sup>st</sup> Season for Delhi Dynamos

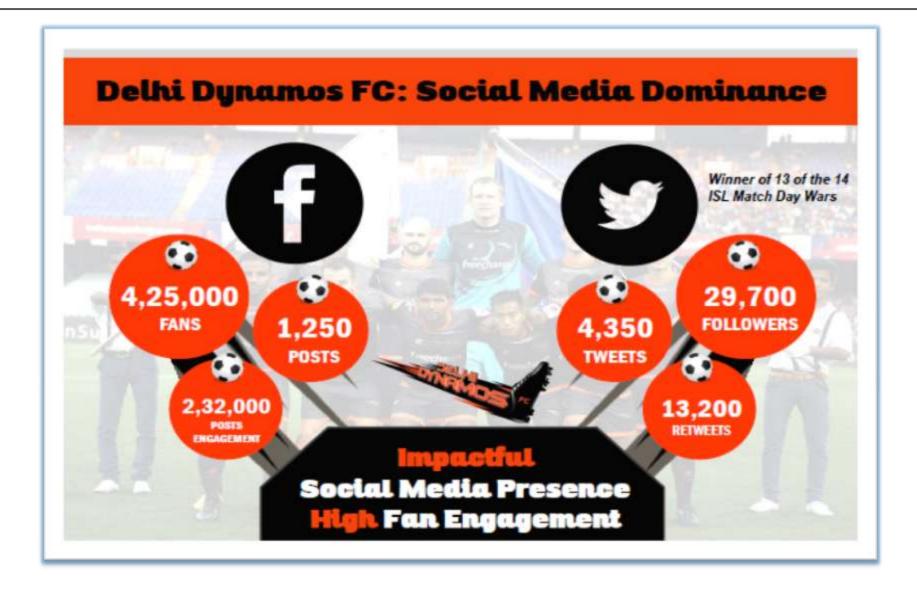


## ISL – Season I – Surpassed all expectations





## Delhi Dynamos FC Dominates Social Media





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## What Are We Doing

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## Progress Has Been Slow driven by...

- Industry structure and collaboration
- Lack of consumer focus
- Internal capability

## **Bold Moves**

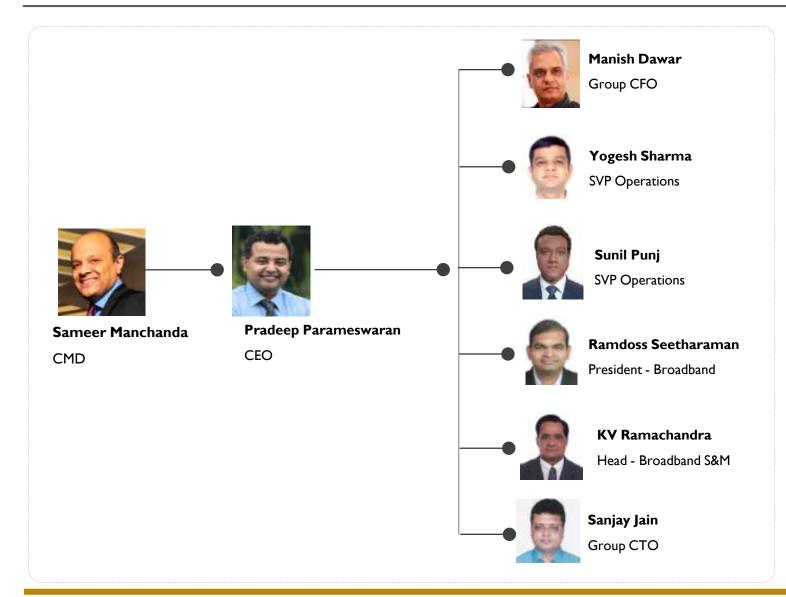
New team

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- Active industry collaboration
- Structural game changers in cable pricing, packaging, bundling, leaseback, buyouts
- Massive internal capability building hiring, JV, digitisation, processes, skill building



## Seasoned and Professional Senior Management Team



- Den Networks has highly professional and a diverse team with over 250 years of collective experience
- The team has made several effective strategic moves to enhance the value of Den Networks
  - ✓ Successfully forayed into broadband business with a vision to provide bundle services to customers (cable, broadband)
  - Entered into a JV with Snapdeal to form its own kind of TV Commerce channel
- Management team has delivered significant operational improvements over the years
- The key members of the management team offer a well balanced mix of execution, functional and pioneering industry expertise

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## Promotion Campaigns by DEN



















## Only Do Amazing

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