### **Business Standard**

HD Airtel, Voda Idea: Telecom stocks are ready to see up to 30 per cent upside

BY Avdhut Bagkar

WC 493 words

**PD** 13 April 2022

SN Business Standard

SC BSTN

**LA** English

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Telecom Regulatory Authority of India (TRAI) on Monday slashed the reserve price for the forthcoming auction of 5G frequency by up to 36 per cent. Telecom players, however, were anticipating up to 90 per cent reduction.

A top executive of one of the leading telecom companies said that the said price cut is not sufficient for them to run a viable **5G network**. "We believe that the base price should be one-third of that of the 2018 price for telcos to build a viable 5G business.", he said. READ MORE

TD

While, the sector is likely to remain in limelight given the news flow, here's how the stocks seem placed as per the technical charts.

Bharti Airtel Ltd (BHARTIARTL) Outlook: Breakout above Rs 780

This was the stock's second attempt to conquer the ressitance at Rs 780-mark, which has been elusive since the last six months. The broader outlook, however, thus hints towards at a breakout above Rs 780 level. The all-time high for the stock stands at Rs 781.80, whereas support for the stock exists at Rs 730 and further down at Rs 690. The medium-term trend will remain bullish as long as the stock succeeds to hold Rs 672-level, which is its 200-day moving average (DMA). CLICK HERE FOR THE CHART

Vodafone Idea Ltd (IDEA) Likely target: Rs 14 Upside potential: 30%

The counter is presently hovering around the 200-DMA at Rs 10.50 level. The stock shows the accumulation and if it thrives to sustain and hang on to 200-DMA, the upward bias could see a rally to Rs 14, which is the next major hurdle, daily chart shows. The Moving Average Convergence Divergence (MACD) is on track to cross the zero line, this denotes a robust momentum. CLICK HERE FOR THE CHART

Mahanagar Telephone Nigam Ltd (MTNL) Likely target: Rs 34 Upside potential: 30%

Shares of Mahanagar Telephone Nigam exhibits a breakout of "Double Bottom", as per the daily chart. The trend remains positive for now and the stock may see addition of longs on minor declines. The major support for the stock falls at Rs 20 and an immediate comes at Rs 23. The robust momentum signals a rally to Rs 34. The MACD crossed the zero line upward depicting a positive bias, as per the daily chart. CLICK HERE FOR THE CHART

Tata Teleservices (Maharashtra) Limited (TTML) Likely target: Rs 248 - Rs 236 Upside potential: 20%

TTML stock is currently absorbing all the selling pressure emerging in the range of Rs 192 to Rs 183, its gap-down range, as per the weekly chart. The major support for the stock comes at Rs 140 level and stability above Rs 200 could see a fresh breakout towards Rs 248 – Rs 236 mark, its next gap-down range. CLICK HERE FOR THE CHART

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HD Vodafone Idea strengthens portfolio of digital content offerings with specially curated Bihu playlists

WC 271 words

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India, April 12 -- With the Assamese New Year around the corner, Vodafone Idea (Vi) has come up with something special to get customers into the festive spirit. Vi in partnership with Hungama Music, has curated special playlists of Assamese songs that herald the New Year. These playlists are available to all Vi customers on Hungama Music on the Vi App.

Vi offers 6 months premium subscription of Hungama Music at no extra cost with ad-free experience, unlimited downloads, endless playlists, podcasts, music videos, to all Vi users on Vi App. On the occasion of Bihu, Vi customers can access the Rongali Bihu playlists containing popular Assamese songs that have been put together for their listening pleasure.

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Vi has been strengthening its portfolio of digital content offerings ranging from entertainment, health & fitness, education and skilling. The Hungama Premium subscription on the Vi App is for all customers, providing access to ad-free music in 20 languages, across genres from Hungama's huge library of millions of songs, besides unlimited downloads, music videos, latest Bollywood news, caller tunes, podcasts, etc.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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SE ET Special

HD Trai Cuts 5G Base Price, sets Rates for New Bands

BY Our Bureau
WC 270 words
PD 12 April 2022

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Regulator looks to encourage aggressive bids by telcos, suggests easy payment options

LATEST SPECTRUM PRICING RECOMMENDATIONSNew Delhi | Kolkata: The Telecom Regulatory Authority of India (Trai) on Monday slashed the base price of 5G airwaves in its latest recommendations, while setting rates for new bands in the 600 MHz and 26-28 GHz bands.

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It has cut the price of the coveted 700 MHz band by 40%, while also lowering the price of the 3300-3670 MHz band by 36%, in a bid to attract aggressive bidding by operators Reliance Jio, Bharti Airtel and Vodafone Idea.

The pricing recommendations were for spectrum with a 20-year tenure. "The reserve price of spectrum allocation in case of 30 years should be equal to 1.5 times the reserve price of spectrum allocation for 20 years for the respective band." Trai said in its recommendations.

It also said that for long-term growth and sustainability of the telecom sector, infusing liquidity and encouraging investment, carriers should be allowed easy payment options, including part payment with flexibility of moratorium.

The regulator has also recommended to the government that all available air- waves in existing bands - 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, 2500 MHz - and those in new bands - 600 MHz, 3300-3670 MHz and 24.25-28.5 GHz - be auctioned in the upcoming 5G spectrum sale.

It also suggested that the Department of Telecommunications (DoT) undertake a harmonisation exercise in 800 MHz, 900 MHz and 1800 MHz bands immediately after conducting the auction.

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SE Telecom News

HD Trai slashes base price of 33-36 GHz bands, 700 MHz bands

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The Telecom Regulatory Authority of India (Trai) on Monday slashed the base price of 5G airwaves in its latest recommendations, while setting rates for new bands in the 600 MHz and 26-28 GHz bands. It has cut the price of the coveted 700 MHz band by 40%, while also lowering the price of the 3300-3670 MHz band by 36%, in a bid to attract aggressive bidding by operators Reliance Jio, Bharti Airtel and Vodafone Idea. The pricing recommendations were for spectrum with a 20 year tenure. "The reserve price of spectrum allocation in case of 30 years should be equal to 1.5 times the reserve price of spectrum allocation for 20 years for the respective band.," Trai said in its recommendations. It has also said that for the long-term growth and sustainability of the telecom sector, infusing liquidity and encouraging investment, the carriers should be allowed easy payment options including part payment with flexibility of moratorium.

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The regulator has also recommended to the government that all available airwaves in existing bands --700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, 2500 MHz -- and those in new bands --600 MHz, 3300-3670 MHz and 24.25-28.5 GHz -- be auctioned in the upcoming 5G spectrum sale. It has also suggested that the Department of Telecommunications (DoT) undertake a harmonisation exercise in 800 MHz, 900 MHz and 1800 MHz bands immediately after conducting the auction so that frequencies assigned to TSPs are contiguous. For the airwaves in 3300-3670 MHz range -- popularly known as mid-band 5G spectrum – Trai has suggested that both "band plans -- n77 and n78 -- should be permitted and flexibility be given to telcos to adopt any these band plans based on their business/commercial considerations. For airwaves in the 24.25-28.5 Ghz range - the coveted millimeter waves - the regulator has given telcos the flexibility to adopt to any band plan -- n257 or n258 -- based on frequencies assigned to them and other business/commercial considerations. To provide greater flexibility to operators, a block size of 10 MHz for the 3300-3670 MHz 5G band and 50 MHz for 24.25-28.5 GHz 5G band have been recommended. Trai has further recommended that such spectrum would be assigned in a contiguous manner.But Trai has decided against auctioning airwaves in the 526-612 Mhz range as these are being used by the ministry of I&B (MIB), "Since MIB is using the 526-582 MHz band extensively across the country for TV transmitters; the 526-612 MHz frequency range should not be put to auction in the forthcoming sale," Trai said in a media statement. The regulator also noted that band plan(s) for the frequency range 526-612 MHz are yet to be defined by 3GPP/ITU and that the development of a 5G ecosystem in 526-612 MHz frequency range will take some time. The government had been pushing Trai to send its pricing recommendations by March end itself, so that it can hold the much awaited 5G spectrum sale in May. The government wants initial 5G rollouts by August 15, India's Independence Day. The Trai has also called on the DoT to come out with a plan for refarming 526-582 MHz band to be used for IMT or 5G deployments. It added that to make the 526-582 MHz band available for 5G, DoT should work with MIB to prepare a plan for an early migration from analogue to digital transmission, so that the frequency band from 526-582 MHz can be vacated for 5G services. Trai has also called for rationalization of spectrum caps in the run up to the 5G airwaves sale. It has proposed a 40% cap on combined spectrum holding in sub-1 GHz bands, a 40% cap on combined airwave holdings in 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands. It has recommended an individual band-specific cap of 40% for 5G bands such as 3300-3670 MHz and mmWaves (24.25- 28.5 GHz) bands.In its recommendations to DoT, Trai has also proposed to scrap overall cap across all bands.

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India, April 11 -- Vodafone Idea Limited has informed the Exchange about Compliance Certificate For The Financial Year Ended March 31, 2022

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HD General updates

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India, April 11 -- Vodafone Idea Limited has informed the Exchange about Compliances-Certificate under Reg. 74 (5) of SEBI (DP) Regulations, 2018 for the quarter ended 31 March 2022.

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HD 5G Highway: Issues involved and challenges ahead—Explained

BY Kiran Rathee
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PD 9 April 2022
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What is 5G:

Like 4G, 5G is also a wireless network technology but the characteristics are very different when it comes to speed, latency, etc. For instance, 5G can have a peak speed of up to 20 Gbps against the peak speed of 1 Gbps in 4G. It has lower latency compared to 4G. With 5G, driverless cars, remote surgeries, telemedicine/ tele-education, and machine-to-machine communication are possible. It is much more than just plain voice and data services Jio has suggested 10% upfront **payment**, 5 years moratorium and 25 annual EMI payments.

TD

Bharti Airtel and Vodafone Idea have suggested no upfront payment, 6 years moratorium and 24 annual EMI payments700 MHz: It is a premium 4G band but can be used for 5G services. It was put up for auctions in 2016 and 2021 but both times due to its high reserve price no operator bid for it.

In 2021, Trai had reduced the reserve price by 43% compared to 2016 auctions, at Rs 6,568 crore per MHz. But it was still quite high for pan-India 5 MHz block as operators would have had to shell out Rs 32,840 crore.

How will operators pay for the spectrum post-auctions:

The deferred payment option with RBI repo rate as interest, which has been followed after 2010 auctions, has been preferred by all the operators with some differences over upfront payment, moratorium period, and a number of installments to make deferred payments.

For consumers: 5G services would mean converged services which would enable them to connect all devices. Services like metaverse, e-commerce, e-education, telemedicine, etc will see stupendous growth.Countries where 5G launched so far

5G deployment has been going on since 2019. US, Europe, China, Japan, South Korea, Australia, Brazil, etc. have already launched 5G services.

Spectrum bands for 5G usage

Spectrum in the frequency range of 3,300-3,670 MHz has been notified.

Millimeter-wave bands ranging from 24.25 to 28.5 GHz can also be used for 5G. Spectrum in 582-617 MHz, 700 MHz band, and other frequencies can also be utilised.

Pricing of 5G spectrum:

Trai in 2018 had recommended a reserve price of Rs 492 crore per MHz for 3,300-3,600 MHz band. The price meant that for a pan-India minimum block of 20 Mhz, operators would have to shell out Rs 9,840 crore.

5G services would mean converged services which would enable them to connect all devices.

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HD Trai scraps charges for USSD-based mobile banking services

BY Kiran Rathee
WC 308 words
PD 8 April 2022

SN Financial Express

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LA English

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In a bid to boost digital financial inclusion, Telecom Regulatory Authority of India (Trai) has scrapped tariffs for unstructured supplementary service data (USSD)-based mobile banking and **payment** services. The mobile operators were charging 0.50 paisa per session from 2G customers for availing such services.

However, the scrapping of charges will not have any major financial impact on mobile operators as only a miniscule number of 2G customers of Bharti Airtel and Vodafone Idea use USSD-based services. Reliance Jio, being a 4G-only player doesn't have such customers.

TD

Trai had earlier issued a tariff order in 2013 prescribing a ceiling tariff of Rs 1.50 per USSD session for USSD-based mobile banking service. Subsequently, the authority through an amendment in 2016, reduced USSD-based tariff for banking and payment services ceiling from Rs 1.50 to Rs 0.50 paisa per session.

To review the existing regulatory framework, Trai issued a draft order on November 24, 2021 proposing 'nil' charge for USSD sessions for mobile banking and payment services. "After analysing the comments received from stakeholders and other data/ information available with it, the authority is of the view that, to protect the interests of the USSD users and to promote digital financial inclusion, rationalisation of USSD charges is required. In view of the same, the authority has decided that the subscribers will not be charged for USSD for mobile banking and payment service," Trai said in its tariff order.

The authority will continue to keep a watch on the progress of service and may review the charge after a period of two years.

Subsequently, the authority through an amendment in 2016, reduced USSD-based tariff for banking and payment services ceiling from Rs 1.50 to Rs 0.50 paisa per session.

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HD Vodafone Idea inks pact with Apna, Enguru, Pariksha to enhance engagement with job aspirants

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India, April 7 -- Vodafone Idea (Vi) has entered into partnership with job **platform** Apna, English learning **platform** Enguru and government exam preparatory **platform** Pariksha to enhance engagement with users, specially the job aspirants, and reduce customer churn on the network.

TD

Under the partnership with Apna, Vi customers will not pay any fee for accessing services and they will get higher visibility for jobs compared to other aspirants. The Vi will provide 14 days of free trial with unlimited interactive live classes conducted by experts on the English learning platform 'enguru'. Thereafter, learners can continue on the platform at 15-25 per cent discounted price after the trial period. Under the arrangement with Pariksha, Vi Jobs & Education will offer the aspirants of central and state government jobs, one-month free subscription to 'Pariksha'. This will also include unlimited mock tests across more than 150 exams and post free period, users can continue at a subscription fee of Rs 249 per year.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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HD Vi partners Apna, Enguru, Pariksha to enhance engagement with job seekers

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Telecom operator Vodafone Idea on Wednesday announced its partnership with job **platform** Apna, English learning **platform** Enguru and government exam preparatory **platform** Pariksha to enhance engagement with users, specially the job aspirants, and reduce customer churn on the network. Under the partnership with Apna, Vi customers will not pay any fee for accessing services and they will get higher visibility for jobs compared to other aspirants.

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### HD Vi to empower Bharat youth with Employment and Skilling opportunities

BY India Education Diary Bureau Admin

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India, April 7 -- Having a good job and being equipped with the right skills are two crucial factors for success in career and life. Vi, India's leading telecom operator, has announced a set of offerings for the youth of Bharat to help them with finding employment, becoming more employable & also help them prepare for government jobs.

Giving wings to its customers aspirations, for a better tomorrow, Vi Jobs & Education integrates India's largest job search **platform** 'Apna', leading English learning **platform** 'Enguru' and 'Pariksha' a **platform** specializing in government employment exam preparation.

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Primarily targeted towards the large prepaid user base in India, Vi Jobs & Education on the Vi App offers a one stop solution for youth to search for jobs, improve spoken English skills and excel in Govt. employment exams, empowering them to fulfil their career dreams.

Commenting on the launch of this unique proposition, Avneesh Khosla, CMO, Vodafone Idea Limited, said "In line with Vi's brand promise 'together for tomorrow', we've been looking at the need gaps in consumers' daily lives, where we believe we can play a role of an enabler to help them get ahead in life. When we look at youth in this country their key aspiration is to get a good job and become more employable. The relevance of digital skills and fluency in spoken English have become more pronounced for today's youth. Further, Government Employment remains a top choice for the large part of this segment, particularly for those coming from tier 2 & 3 cities. Based on these insights, we have curated the Vi Jobs & Education proposition in partnership with Apna, Enguru and Pariksha. We believe, that these integrated solutions will enable Vi customers to further their efforts in gaining a competitive edge and march ahead to meet their career aspirations."

1. Job Search Made Easy With Vi Jobs & Education on the Vi App:

The State of Mobile 2022 report suggests that Job-Searches will be the top category for mobile users across the globe. And the emergence of gig economy, according to a joint report by BCG and Michael & Susan Dell Foundation - 'Unlocking the Potential of the Gig Economy in India', can serve up to 90 million jobs in the non-farm sector alone.

Vi Jobs & Education on the Vi App in partnership with apna, offers free priority access to India's largest job listing. Priority access ensures double the visibility prospects to recruiters, thus double the chance of interview opportunities for a quick job search solution. This service will be available for all Vi customers at no cost.

Commenting on the partnership, Nirmit Parikh, CEO and Founder, apna.co said "In the last few months alone, apna enabled more than 350 million interviews and professional conversations because of the fast internet proliferation in deep pockets of India made possible by leading telecom operators like Vi. Access to the internet has not only opened avenues for people, but has also played a significant role in reducing the collar divide between professionals. In the coming years, we are certain to completely dismantle this divide through our inclusive platform. As we continue our journey of impacting a billion lives, we are thrilled to partner with a telecom provider such as Vi to digitally empower the youth of our country by giving them an easy access to hyperlocal opportunities around them"

2. English Education Made Easy With Vi Jobs & Education on the Vi App:

English fluency increases prospects of getting a job, getting a better salary and progressing in one's career, in certain segments.

Vi Jobs & Education in partnership with leading English learning platform 'enguru' offers 14 days of free trial with unlimited interactive live classes conducted by experts. Learners can continue with the platform at 15% to 25% discounted price after the trial period. The users will also be entitled to free access of interactive, gamified, industry specific self-learning modules, worth Rs 1500.

Speaking on the association Udit Hinduja, COO, Enguru said "We are excited to partner with Vi on bringing a mobile-first, affordable & high quality English learning program to their subscribers. Enguru's live classes allow users to practice speaking with expert teachers & students from across the country, with classes offered through the day across all levels of English. We believe our product will help Vi subscribers in their interview preparation & career growth."

3. Preparation for Govt. Jobs Exams made easy with Vi Jobs & Education on the Vi App:

Government jobs have always been highly sought-after for as long as they have existed in India. Each year, millions of youth aspire to land themselves a Government job.

Making the process of applying of Govt jobs convenient for Vi users, Vi Jobs & Education in partnership with Pariksha offers the aspirants of Central/State Govt. jobs , one month free subscription to 'Pariksha'. This also includes unlimited mock tests across 150+ exams. At the end of the free period, users can continue at a nominal subscription fee of Rs. 249/year.

Commenting on the tie-up Vikram Shekhawat, Co-founder, Pariksha said "Pariksha is the largest and the fastest growing vernacular test prep platform which is on a mission to democratize education and make relevant, credible, quality content available to everyone preparing for govt exams in the country. With this deep integrated partnership with one of the largest and most trusted telecom partners, we will be able to reach our goal faster and narrow the gap between opportunities for over 75 million govt job aspirants across Bharat. This partnership will act as the new age digital book and will create the largest impact at the bottom of the pyramid."

The three propositions are in line with Vi's strategy to curate a wide range of digital offerings of relevance to its users to help them thrive and stay ahead.

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- AN Document HTEDUD0020220407ei4700005



HD Vodafone-Idea to offer jobs, educational opportunities to users

BY FE Bureau
WC 176 words
PD 7 April 2022

SN Financial Express

SC AIWFIE

LA English

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LP

To provide employment and skilling opportunities to its pre-paid subscribers, Vodafone Idea on Wednesday partnered with a set of digital start-ups like Apna. Enguru and Pariksha.

Apna is a job search **platform**, while Enguru is an English learning **platform**. Pariksha is a **platform** specializing in government employment exam preparation. The company will integrate the three platforms with its Vi app to offer jobs and education services to its customers.

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"The relevance of digital skills and fluency in spoken English has become more pronounced for today's youth. Further, government employment remains a top choice for a large part of this segment, particularly for those coming from tier 2 & 3 cities. Based on these insights, we have curated the Vi Jobs & Education proposition in partnership with Apna, Enguru and Pariksha," said Avneesh Khosla, CMO, Vodafone Idea.

Pariksha is a platform specializing in government employment exam preparation. The company will integrate the three platforms with its Vi app to offer jobs and education services to its customers.

co idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc

IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 :

Mobile Telecommunications

NS cpartn : Partnerships/Collaborations | ccat : Corporate/Industrial News

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SE GADGETS NEWS

HD Vodafone Idea to offer jobs, educational opportunities to users in India

WC 298 wordsPD 7 April 2022

SN The Times of India

sc TOI

LA English

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NEW DELHI: Telecom operator Vodafone Idea has launched Vi jobs and Education on the Vi app. This new initiative is targeted at the youth of Bharat to help them with finding employment and also help them prepare for government jobs. Primarily targeted toward the large prepaid user base in India, Vi Jobs & Education on the Vi App offers a one-stop solution for youth to search for jobs, improve spoken English skills and excel in Govt. employment exams, empowering them to fulfill their career dreams. Vodafone Idea has partnered with 'Apna, the English learning **platform** Enguru and Pariksha, a **platform** specializing in government employment exam preparation for this initiative.Vi Jobs & Education on the Vi App in partnership with Apna offers free priority access to India's largest job listing. Priority access ensures double the visibility prospects to recruiters, thus double the chance of interview opportunities for a quick job search solution.

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This service will be available for all Vi customers at no cost. With Enguru, Vi users will get 14 days of free trial with unlimited interactive live classes conducted by experts. Learners can continue with the platform at a 15% to 25% discounted price after the trial period. The users will also be entitled to free access to interactive, gamified, industry-specific self-learning modules, worth Rs 1500.Making the process of applying for government jobs convenient for Vi users, Vi Jobs & Education in partnership with Pariksha offers the aspirants of Central/State Govt. jobs , one month free subscription to 'Pariksha'. This also includes unlimited mock tests across 150+ exams. At the end of the free period, users can continue at a nominal subscription fee of Rs 249/year.

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IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications

NS cpartn : Partnerships/Collaborations | gpol : Domestic Politics | ccat : Corporate/Industrial News | gcat : Political/General News | gpir : Politics/International Relations

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#### HD Vi to empower Bharat youth with employment and skilling opportunities

BY CT Bureau

CR Distributed by Contify.com

WC 981 words

**PD** 6 April 2022

**SN** Communications Today

SC ATCOMT

LA English

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LP

Having a good job and being equipped with the right skills are two crucial factors for success in career and life. Vi, India's leading telecom operator, has announced a set of offerings for the youth of Bharat to help them with finding employment, becoming more employable & also help them prepare for government jobs.

Giving wings to its customers aspirations, for a better tomorrow, Vi Jobs & Education integrates India's largest job search **platform** 'Apna', leading English learning **platform** 'Enguru' and 'Pariksha' a **platform** specializing in government employment exam preparation.

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Primarily targeted towards the large prepaid user base in India, Vi Jobs & Education on the Vi App offers a one stop solution for youth to search for jobs, improve spoken English skills and excel in Govt. employment exams, empowering them to fulfil their career dreams.

Commenting on the launch of this unique proposition, Avneesh Khosla, CMO, Vodafone Idea Limited, said "In line with Vi's brand promise 'together for tomorrow', we've been looking at the need gaps in consumers' daily lives, where we believe we can play a role of an enabler to help them get ahead in life. When we look at youth in this country their key aspiration is to get a good job and become more employable. The relevance of digital skills and fluency in spoken English have become more pronounced for today's youth. Further, Government Employment remains a top choice for the large part of this segment, particularly for those coming from tier 2 & 3 cities. Based on these insights, we have curated the Vi Jobs & Education proposition in partnership with Apna, Enguru and Pariksha. We believe, that these integrated solutions will enable Vi customers to further their efforts in gaining a competitive edge and march ahead to meet their career aspirations."

Job Search Made Easy With Vi Jobs & Education on the Vi App: The State of Mobile 2022 report suggests that Job-Searches will be the top category for mobile users across the globe. And the emergence of gig economy, according to a joint report by BCG and Michael & Susan Dell Foundation – 'Unlocking the Potential of the Gig Economy in India', can serve up to 90 million jobs in the non-farm sector alone.

Vi Jobs & Education on the Vi App in partnership with apna, offers free priority access to India's largest job listing. Priority access ensures double the visibility prospects to recruiters, thus double the chance of interview opportunities for a quick job search solution. This service will be available for all Vi customers at no cost.

Commenting on the partnership, Nirmit Parikh, CEO and Founder, apna.co said "In the last few months alone, apna enabled more than 350 million interviews and professional conversations because of the fast internet proliferation in deep pockets of India made possible by leading telecom operators like Vi. Access to the internet has not only opened avenues for people, but has also played a significant role in reducing the collar divide between professionals. In the coming years, we are certain to completely dismantle this divide through our inclusive platform. As we continue our journey of impacting a billion lives, we are thrilled to partner with a telecom provider such as Vi to digitally empower the youth of our country by giving them an easy access to hyperlocal opportunities around them"

English Education Made Easy With Vi Jobs & Education on the Vi App: English fluency increases prospects of getting a job, getting a better salary and progressing in one's career, in certain segments.

Vi Jobs & Education in partnership with leading English learning platform 'enguru' offers 14 days of free trial with unlimited interactive live classes conducted by experts. Learners can continue with the platform at 15% to 25% discounted price after the trial period. The users will also be entitled to free access of interactive, gamified, industry specific self-learning modules, worth Rs 1500.

Speaking on the association Udit Hinduja, COO, Enguru said "We are excited to partner with Vi on bringing a mobile-first, affordable & high quality English learning program to their subscribers. Enguru's live classes allow users to practice speaking with expert teachers & students from across the country, with classes offered through the day across all levels of English. We believe our product will help Vi subscribers in their interview preparation & career growth."

Preparation for Govt. Jobs Exams made easy with Vi Jobs & Education on the Vi App: Government jobs have always been highly sought-after for as long as they have existed in India. Each year, millions of youth aspire to land themselves a Government job.

Making the process of applying of Govt jobs convenient for Vi users, Vi Jobs & Education in partnership with Pariksha offers the aspirants of Central/State Govt. jobs , one month free subscription to 'Pariksha'. This also includes unlimited mock tests across 150+ exams. At the end of the free period, users can continue at a nominal subscription fee of Rs. 249/year.

Commenting on the tie-up Vikram Shekhawat, Co-founder, Pariksha said "Pariksha is the largest and the fastest growing vernacular test prep platform which is on a mission to democratize education and make relevant, credible, quality content available to everyone preparing for govt exams in the country. With this deep integrated partnership with one of the largest and most trusted telecom partners, we will be able to reach our goal faster and narrow the gap between opportunities for over 75 million govt job aspirants across Bharat. This partnership will act as the new age digital book and will create the largest impact at the bottom of the pyramid."

The three propositions are in line with Vi's strategy to curate a wide range of digital offerings of relevance to its users to help them thrive and stay ahead.

- CO idcell : Vodafone Idea Ltd
- IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications
- NS ccat: Corporate/Industrial News
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- PUB ADI Media Pvt. Ltd.
- AN Document ATCOMT0020220406ei460008I



SE BUSINESS

HD Vi partners Apna, Enguru, Pariksha to enhance engagement with job aspirants

WC 227 words

**PD** 6 April 2022

SN Press Trust of India

SC PRTRIN

LA English

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New Delhi, Apr 6 (PTI) Telecom operator Vodafone Idea on Wednesday announced its partnership with job **platform** Apna, English learning **platform** Enguru and government exam preparatory **platform** Pariksha to enhance engagement with users, specially the job aspirants, and reduce customer churn on the network.

Under the partnership with Apna, Vi customers will not pay any fee for accessing services and they will get higher visibility for jobs compared to other aspirants.

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"We are creating multiple opportunities for consumers to engage with a host of experiences, products and services and I think which will continue to cement our relationship with our consumers. Then, obviously, bring down our churn," Vodafone Idea chief marketing officer Avneesh Khosla said while announcing the partnership.

The Vi will provide 14 days of free trial with unlimited interactive live classes conducted by experts on the English learning platform 'enguru'. Thereafter, learners can continue on the platform at 15-25 per cent discounted price after the trial period.

Under the arrangement with Pariksha, Vi Jobs & Education will offer the aspirants of central and state government jobs, one-month free subscription to 'Pariksha'. This will also include unlimited mock tests across more than 150 exams and post free period, users can continue at a subscription fee of Rs 249 per year. PTI PRS MR

co idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc

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PUB Press Trust Of India Limited

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## **Business Today**

HD Vi partners with digital start-ups, domain experts to help youth upskill, find jobs

WC 548 wordsPD 6 April 2022

**SN** Business Today Online

SC BTDYON
LA English

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LP

Vodafone Idea (Vi) announced on Wednesday that it has partnered with a bunch of digital start-ups and domain experts such as job search **platform** Apna, English learning **platform** Enguru and **platform** specialising in government employment exam preparation Pariksha to help youth with employment and skilling opportunities. The offerings will not only help the youth in finding employment but will also make them more employable and help in preparation of government jobs.

The telco said that these offerings are targeted towards the large prepaid user base in India. Vi Jobs & Education on the Vi App will offer a one-stop solution for the youth to search for jobs, improve spoken English and excel in government exams.

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Avneesh Khosla, CMO, Vodafone Idea Limited, said, "The relevance of digital skills and fluency in spoken English have become more pronounced for today's youth. Further, government employment remains a top choice for the large part of this segment, particularly for those coming from tier 2 & 3 cities. Based on these insights, we have curated the Vi Jobs & Education proposition in partnership with Apna, Enguru and Pariksha."

Here's what the company is offering:

Job searches – Vi Jobs & Education in partnership with Apna is offering free priority access to the latter's job listing. Priority access will double the visibility of applicants, hence increasing the chance of interview opportunities. This will be available at no cost.

"Access to the internet has not only opened avenues for people, but has also played a significant role in reducing the collar divide between professionals. In the coming years, we are certain to completely dismantle this divide through our inclusive platform," said Nirmit Parikh, CEO and founder, Apna.

English education – Vi Jobs & Education with Enguru offers four days of free trial with unlimited interactive live classes conducted by experts. Learners can continue with a 15-25 per cent discounted price after the trial period. Users will be entitled to free access of interactive, gamified, industry specific self-learning modules, worth Rs 1,500.

Udit Hinduja, COO, Enguru said, "Enguru's live classes allow users to practice speaking with expert teachers & students from across the country, with classes offered through the day across all levels of English. We believe our product will help Vi subscribers in their interview preparation and career growth."

Preparation for government job exams – Vi Jobs & Education in partnership with Pariksha offers the aspirants of central/state government jobs one-month free subscription to 'Pariksha', including unlimited mock tests across 150+ exams. At the end of the free period, users can continue at a nominal subscription fee of Rs 249 per year.

Vikram Shekhawat, co-founder, Pariksha said, "With this deep integrated partnership with one of the largest and most trusted telecom partners, we will be able to reach our goal faster and narrow the gap between opportunities for over 75 million govt job aspirants across Bharat. This partnership will act as the new age digital book and will create the largest impact at the bottom of the pyramid."

Also read: Vodafone Idea approves allotment of shares to promoters to raise Rs 4,500 cr

Also read: L&T, Vi to set up private LTE network on pilot basis

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   Living Media India Limited
- AN Document BTDYON0020220406ei46000gq

SE Telecom News

HD Mobile services are now as essential as fuel: Analysts

**BY** Kalyan Parbat

WC 489 words

**PD** 6 April 2022

SN The Economic Times

SC ECTIM

LA English

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Mobile services are now essential fuel and immune to price hikes as consumers are hooked to data and video services on their smartphones further goaded by the mass popularity of UPI-based mobile payments even in villages, analysts said. The phenomenon was underlined by the negligible impact of the price hikes last November-December on the active mobile user bases of India's top telcos, Reliance Jio, Bharti Airtel and Vodafone Idea. "Mobile services are seen as essential now, like fuel, which has to be filled irrespective of the cost...we got this response even in villages during recent on-ground checks," Kunal Vora, head of India Equity Research, BNP Paribas, told ET. The reason is that consumers in both urban and rural markets are now habituated to data services, especially video, along with the sheer omnipresence of UPI-based mobile payment transactions. "Consumers compare telecom recharges to fuel calling it an essential service that they must avail of, regardless of price hikes," Vora

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added.BNP estimates that the total volume of UPI-based mobile payment transactions jumped 95% on-year to a whopping Rs 8.3 lakh-crore (roughly, \$110 billion) in February 2022. In fact, the market share of UPI as a preferred payment mode has jumped to 22% in February 2022 from 14% in February 2021. The Unified Payments Interface (UPI) is a payments system that enables people to instantly transfer cash from their accounts to another account linked to a mobile phone. With rising mobile penetration in rural India, the ubiquitous cell phone is seen as a powerful tool to drive digital financial inclusion. Analysts said the limited impact of the November-December 2021 tariff hikes on telcos' active user base also underscores that mobile services are viewed as essential and that the telecom sector has regained high pricing power. Jefferies said the acceleration in active subscriber additions to 5.9 million for the overall telecom sector in January 2022 - compared to 4.2 million in December 2021 -- was despite a full month of price hikes. This, it added, "is encouraging as it indicates acceptance of the new tariffs."Market leader Jio added the highest number of active mobile users - 4.2 million - in January 2022, followed by Airtel, which added 1.3 million such subscribers. Even struggling Vi lost fewer active users in January (0.7 million), compared to 2.1 million in December, which suggests its active user base was largely stable. Active, or visitor location register (VLR), data put out every month by the telecom regulator indicates the number of customers actively using a mobile network.BNP's Vora said the telecom industry was largely holding on to active mobile user base month-on-month despite the sharp tariff hike by operators, a slowdown in consumption and higher handset costs is a positive indicator.

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SE Startups & Tech

HD Vodafone UK Ups Stake in Vi to 47.61%

BY Our Bureau
WC 224 words
PD 5 April 2022

SN The Economic Times - Mumbai Edition

SC ECTMUM

LA English

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Kolkata: Vodafone Group's stake in Vodafone Idea (Vi) has increased to 47.61% while that of the Aditya Birla Group (ABG) has dipped a few decimal points to 27.4% after the latest promoterlevel fund infusions to revive their loss-making telecom JV's operations and help it compete more effectively against Reliance Jio and Bharti Airtel.

Vodafone Group has raised its stake in Vi - its telecom JV with ABG - to 47.61% (from earlier 44.39%) by acquiring additional shares through promoter entities - Prime Metals Ltd and Euro Pacific Securities Ltd - via a preferential allotment. Indian conglomerate, ABG, which acquired fewer fresh shares in Vi, has seen a tiny dip in its Vi stake to 27.4% from 27.66% previously.

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On March 31, the board of Vodafone Idea (Vi) had approved an allotment of 1.9666 billion and 570.9 million shares to Euro Pacific Securities and Prime Metals (PML) respectively on a preferential basis. It had also cleared a similar preferential allotment of 845.8 million shares to ABG promoter entity, Oriana Investments Pte Ltd.

These preferential allotments were constituents of the total 3.3834 billion shares allotted to the three Vi promoter group entities at `13.30 apiece.

FOR FULL REPORT, GO TO www.economictimes.com

co aditbg : Aditya Birla Group | idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | rjioil : Reliance Jio Infocomm Limited | rti : Reliance Industries Ltd

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## Business Line

SE NEWS

HD Hacker alleges data leak in Vi's subscriber database portal

WC 349 wordsPD 5 April 2022

**SN** BusinessLine (The Hindu)

SC BSNLNE LA English

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Mumbai, April 4 NEWS

Details of Vodafone Idea (Vi) users may have been accessed by threat actors after an alleged leak of its directory services portal's user ID and password on the dark web, according to **cybersecurity** researcher and ethical hacker Sunny Nehra. The database portal comprises information of all active and older inactive subscribers, including current and permanent addresses, date of birth, PAN and Aadhaar card details, Nehra said. As of January 2022, Vi had over 24.72 crore active subscribers.

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Nehra, Admin, Hacks and Security, found a set of 12-15 user IDs and passwords of various portals of Vi, available for sale on private dark net forums. On testing one of them, he found that it to belonged to the subscriber database portal and was probably meant for special access to the Delhi police.

BusinessLine reached out to Vi with queries on Saturday and the company denied any such breach in its portals and apps by Monday. "Vi has a tight IT security framework and we regularly conduct checks and audits to identify any potential areas of vulnerabilities to strengthen our security architecture. We have not found any such breach. Our data remains safe and secure," a Vodafone Idea spokesperson told this newspaper.

Weak password

However, Nehra claimed that the portal has been down since Sunday night.

"Vodafone Idea had allocated a generic and weak password for the site which had critical details of its subscribers. It is common for hackers to try out that password. While these user IDs and passwords will be removed from the dark net forum once it's sold, the threat remains that someone is going to have access to the portal and data of all the subscribers of the company. I was able to find details of at least three IPS officers and two important bureaucrats I knew who are using Vi numbers," Nehra added.

He also notified the Indian Computer Emergency Response Team(CERT-In) and Mathan Babu Kasilingam, Chief Information Security Officer, Vi, in separate emails.

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# BusinessLine

SE Info-tech

Hacker reports vulnerability and possible data leak in Vodafone Idea's subscriber database HD

portal

Debangana Ghosh BY

WC 421 words 4 April 2022 PD

BusinessLine Online SN

**BSNLNO** SC ΙΔ **English** 

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Details of Vodafone Idea (Vi) users may have been accessed by threat actors after an alleged leak of its directory services portal's user ID and password on the dark web, according to cybersecurity researcher and ethical hacker Sunny Nehra.

The database portal comprises information of all active and older inactive subscribers of the telecom operator, including current and permanent addresses, date of birth, PAN and Aadhaar card details, Nehra said. As of January 2022, Vi had over 24.72 crore active subscribers.

TD

Nehra, Admin, Hacks and Security, found a set of 12-15 user IDs and passwords of various portals of Vi, available for sale on private dark net forums. On testing one of them, he found that it to belonged to the subscriber database portal and was probably meant for special access to the Delhi police.

BusinessLine reached out to Vi with queries on Saturday and the company denied any such breach in their portals and apps by Monday.

"Vi has a very tight IT security framework and we regularly conduct checks and audits to identify any potential areas of vulnerabilities to further strengthen our security architecture. We have not found any such breach. Our data remains fully safe and secure," a Vodafone Idea spokesperson told BusinessLine.

Weak password

However, Nehra claimed that the portal has been down since Sunday night.

"To check the account, they will have to make the portal up again anyway. I assume they noticed something unusual on the portal and made it down at night. My mail will clarify things," he said.

"Vodafone Idea had allocated a very generic and weak password for the site which had critical details of its subscribers. It is very common for hackers to try out that password. While these user IDs and passwords will be removed from the dark net forum once it's sold, the threat remains that someone is going to have access to the portal and data of all the subscribers of the company. I was able to find details of at least three IPS officers and two important bureaucrats I knew who are using Vi numbers," Nehra added.

He also notified the Indian Computer Emergency Response Team (CERT-In) and Mathan Babu Kasilingam, Chief Information Security Officer (CISO), Vi, in separate emails.

"Vi's CISO has taken a note of my email. He said he is analysing the systems on priority and checking what went wrong," Nehra said.

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HD Vodafone raises stake in Vodafone Idea

WC 159 wordsPD 4 April 2022

SN Accord Fintech

SC HTACCF LA English

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India, April 4 -- Vodafone has raised its stake in debt-ridden Vodafone Idea to 47.61 per cent through its subsidiary Prime Metals. The company earlier held 44.39 per cent stake in Vodafone Idea (VIL). Vodafone Idea's board has approved the allotment of 338.3 crore equity shares at Rs 13.30 per scrip to three promoter group entities - Euro Pacific Securities, Prime Metals and Oriana Investments - for about Rs 4,500 crore.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an **ecosystem** of digital channels as well as extensive on-ground presence.

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Vodafone Idea informs about disclosure HD WC 78 words PD 4 April 2022 Accord Fintech SN **HTACCF** SC LA English CY Copyright 2022. Accord Fintech LP India, April 4 -- Vodafone Idea has informed that the exchange has received the disclosure under Regulation 29(2) of SEBI (Substantial Acquisition of Shares & Takeovers) Regulations, 2011 for Oriana Investments. The above information is a part of company's filings submitted to BSE. Published by HT Digital Content Services with permission from Accord Fintech. СТ For any query with respect to this article or any other content requirement, please contact Editor at contentservices@htlive.com CO idcell: Vodafone Idea Ltd | ratel: Vodafone Group Plc i7902: Telecommunication Services | i79022: Wireless Telecommunications Services | i7902202: IN Mobile Telecommunications NS c181 : Acquisitions/Mergers/Shareholdings | cacqu : Acquisitions/Mergers | c18 : Ownership Changes | cactio: Corporate Actions | ccat: Corporate/Industrial News | ncat: Content Types | nfact: Factiva Filters | nfcpin : C&E Industry News Filter

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AN Document HTACCF0020220404ei44000h4

SE Telecom News

HD Telcos can defer annual AGR dues by 4 years, DoT may tell SC

BY Anandita Singh Mankotia

WC 373 wordsPD 4 April 2022

17 17 pm 2022

**SN** The Economic Times

SC ECTIM

LA English

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The Department of Telecommunications (DoT) will likely inform the Supreme Court on April 7 that telcos have been given an option to defer their annual adjusted gross revenue (AGR) payments by four years. As per the annual compliance report the government needs to submit to the Supreme Court each year, DoT will also inform that because of the deferral in payment timelines, bank guarantees (BGs) would also be returned to the carriers, a senior government official told ET. "Telcos will also have to file this to the Supreme Court on April 7, in accordance with the Supreme Court order that had asked for an annual update on AGR dues." the official said.

TD

The DoT will also inform the court of its decision to return all BGs to telcos, since the AGR payment against which the BGs were held has been secured."The government has the option to convert the dues into government equity after four years," the officer explained. The DoT is informing the court about the BGs along with the update on AGR dues as close to 8,000 crore worth Vodafone Idea's BGs are set for expiry around early April and the telco has repeatedly reiterated its inability to raise more guarantees from banks. As reported by ET earlier, BGs worth about 15,000 crore belonging to Vodafone Idea (Vi) have been withheld by the government and the figure for Bharti Airtel is 7,000-8,000 crore. The BGs held back had been furnished against the spectrum payments of telcos. Vi has urged the government to urgently release its BGs as the loss-making telco is desperately trying to raise funds to invest in its 4G network to better compete with stronger rivals Reliance Jio and Airtel and stem subscriber losses. People familiar with the matter said the DoT had drafted a cabinet note for issues concerning the return of BGs, but it was withdrawn as many in government felt that it was well within the ambit of the telecom relief package to allow the return of all BGs, including those withheld against the AGR dues.

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SE Startups & Tech

HD Vi Board Okays Share Allotment to Promoters to Raise `4,500 crore

WC 362 words
PD 1 April 2022

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Prime Metals, Oriana Investments, Euro Pacific Securities to get 3.383 b shares

New Delhi: Vodafone Idea (Vi) said on Thursday its board cleared the allotment of 3.383 billion equity shares at `13.30 each to three promoter group entities - Euro Pacific Securities, Prime Metals and Oriana Investments - raising about `4,500 crore.

TD

This follows the telecom operator's announcement in early March that it would raise `14,500 crore, including `4,500 crore from promoters Vodafone Group Plc of the UK and the Aditya Birla Group, which would help it cut debt and invest in its network to take on Reliance Jio and Bharti Airtel more effectively. It also needs to compete in the upcoming 5G auctions meaningfully.

The cash-strapped telco plans to raise the balance `10,000 crore from external investors, and has been talking to the likes of private equity player Apollo Global Management for up to \$1 billion (about `7.500 crore).

Under the proposal cleared by the capital raising committee of its board, 1,96,66,35,338 equity shares would be issued to Euro Pacific Securities, 57,09,58,646 shares to Prime Metals and 84,58,64,661 shares to Oriana Investments, Vodafone Idea said in a filing with stock exchanges. The three are investment vehicles of the Vodafone Group and Aditya Birla Group.

The shares will be issued at a

3.30 per share premium to the face value of

•

10. On Thursday, shares of the company closed 0.15% lower at

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9.68 on the BSE. Before the allotment, the Aditya Birla Group held more than 27% stake in Vi, while Vodafone Group owned over 44%.

The telecom department is working to prepare the groundwork for the auction of 5G radio waves and regulator Trai's recommendations on spectrum pricing and other aspects are expected shortly.

Telecom service providers, especially Vodafone Idea, had got a shot in the arm with the government last September clearing a wide-ranging relief package that included a four-year moratorium on paying spectrum and adjusted gross revenue (AGR) dues.

aditbg : Aditya Birla Group | idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | rjioil : Reliance Jio Infocomm Limited | rti : Reliance Industries Ltd

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Startups & Tech

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Airtel, TechM Tie Up to Develop 5G Use Cases HD RY Our Bureau 199 words WC: PD 1 April 2022 The Economic Times - Mumbai Edition **ECTMUM** SC **English** ΙΔ CY Copyright © 2022. Bennett, Coleman & Co., Ltd. LP New Delhi: Bharti Airtel and software company Tech Mahindra on Thursday signed a partnership to co-develop and market 5G use cases in India with the objective of accelerating the country's digital economy. The companies will offer customised enterprise-grade private networks which will be powered by Airtel's connectivity portfolio of 5G-ready network, fibre, software-defined wide-area network (SDWAN), and Internet of Things (IoT) while system integration services will be provided by Tech Mahindra, the two com- panies said in a joint statement. TD Airtel and Tech Mahindra said they will initially tap into verticals such as automobiles, aviation, ports, utilities, chemicals, oil & gas, and plan to expand to other industries going forward. Airtel's rival, Vodafone Idea (Vi), recently tied up with conglomerate Larsen & Toubro's L&T Smart World & Communications (SWC) unit to set up and test a private LTE network in Surat. Guiarat. According to industry estimates, the potential market size of private 5G services in India is pegged at around \$570 million by 2026. The segment is estimated to grow at around 35% compounded annually

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over the next three years.

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SE Stock in news

HD Vodafone Idea board approves raising Rs 4,500 crore from 3 promoters

BY Amit Mudgill
WC 182 words
PD 1 April 2022

SN The Economic Times

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LA English

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NEW DELHI: Vodafone Idea (Vi) on Thursday said its board has approved raising of Rs 4,500 crore by allotting 3,38,34,58,645 equity shares to three promoter or promoter group entities at Rs 13.30 a piece. The telecom operator said it has allotted 1,96,66,35,338 shares to Euro Pacific Securities on a preferential basis, another 57,09,58,646 shares to Prime Metals and rest 84,58,64,661 shares to Oriana Investment. 90561629The shareholders of the company had approved the said issuance vide special resolution passed at the extra-ordinary general meeting held on March 26.In a filing to exchanges, Vodafone Idea said: "Please further note that after the above allotment of the equity shares, the paid-up equity share capital of the company stands increased to Rs. 3,21,18,84,78,850/- consisting of 32,11,88,47,885 equity shares of face value of Rs 10/- each. "More to come..."

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SE Telecom News

HD Telecom companies call on government for easier 5G spectrum payment terms: Devusinh Chauhan, MoS for communications

WC 560 words

**PD** 31 March 2022

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Telecom companies have called on the government for easier 5G spectrum payment terms in the upcoming auction, Devusinh Chauhan, minister of state for communications, told Lok Sabha Wednesday.

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This, even as a parliamentary panel on IT, headed by Congress MP Shashi Tharoor, voiced concerns around the delayed launch of 5G services in India and also called on the regulator and the government to cut starting price of 5G airwaves in the upcoming sale. "Some TSPs have represented seeking easier payment terms for 5G spectrum," Chauhan said in reply to a query in Parliament Both Vodafone Idea MD Ravinder Takkar and Bharti Airtel CEO Gopal Vittal had recently underlined the need for the sector regulator and the telecom department to ensure easier 5G spectrum payment terms in the upcoming sale to ease financial stress for telcos. The Tharoor-led panel, in turn, said in a report that while its high time 5G services are rolled out in India in some specific use cases, "it does not see any progress in that direction". In fact, the panel called on DoT to review all its policies relating to 5G so that the country isn't left behind in the 5G race. It added that the current pricing of 5G spectrum is exorbitant compared to other countries, and accordingly, pushed for a pricing review. India's top telcos—Reliance Jio, Bharti Airtel and Vodafone Idea—in their recent submissions had urged the regulator to cut the starting price of 5G airwaves in the mid-band and 700 Mhz bands, by up to 95% and set low starting rates for the new frequencies to be put on sale. They have said this was critical for operators to get the financial headroom to invest top dollars in capital-intensive 5G mobile broadband networks. Trai secretary V Raghunandan had on Tuesday told ET that the regulator would submit its much awaited recommendations on 5G airwaves pricing in a week to 10 days. The government wants to start the spectrum auction by May-June to facilitate roll out of the next-gen wireless broadband networks by August 15, the county's Independence Day. The government has earmarked a mix of mid-band airwaves in the 3.3-3.67 Ghz range, millimetre waves (26/28 Ghz) and key sub-Ghz bands such as 600 Mhz and 700 Mhz for 5G services. Separately. Union telecom minister Ashwini Vaishnaw told Lok Sabha that India's indigenous 4G mobile network has been prepared in the shortest possible span and would be rolled out soon. He added that Indian scientists had predicted 5G networks would also be ready by the end-2022. "Indian engineers have prepared the country's own 4G network, which is ready for launch very soon... the whole world is looking at us with surprise on how India has built its 4G network so soon," Vaishnaw told Parliament. Telecom secretary K Rajaraman had recently said that the indigenously developed 4G network to be deployed by state-run Bharat Sanchar Nigam (BSNL) would be economical and would also overcome network security-related fears such as hidden backdoors in telecom gear. Vaishnaw also told Parliament that after many years, BSNL had reported an operating profit after improvement in its services.

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HD 5G at Network Level – Are we Ready?

WC 763 words

PD 31 March 2022 SN Voice and Data

SC CMVOID

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At this year's Voice&Data Telecom Leadership Forum, held on March 22, 2022, during a fireside chat, network architecture for 5G Rollout was discussed, excerpts below.

Ibrahim Ahmad, Consulting Editor, CyberMedia Group chatted with Jagbir Singh, CTO, Vodafone Idea on the alignment of current networks, challenges and opportunities for operators, the partnership needed at **ecosystem** level.

TD

Jagbir Singh has built some of the biggest networks in the world. He has held senior leadership positions with multiple operators and brings over 32 years of experience in the industry.

His current role involves planning of network architecture, network lifecycle, engineering, deployment and operations.

Operators have invested big money in networks but are current networks compatible with 5G? Would a hybrid model of 4G and 5G work?

"Until 5G happens, we need a base coverage of 4G to support voice services," said Jagbir Singh. Co-existence of both will continue for the next five to seven years. Similarly co-existence of radio access network or RAN for dual connectivity for 4G and 5G will happen.

5G is not as backward compatible as 3G and 4G were. This dual connectivity will ensure seamless coverage for the customer. Jagbir Singh also touched upon what happens when we divide RAN it into classical RAN and Open RAN where disintegration brings new outcomes.

"Whatever equipment Vodafone has deployed in the last five years is capable of being ready for 5G with a software upgrade. For OpenRAN, we have been doing trials and it is maturing with time. It is a good architecture for machine learning, data analytics and it is a flexible architecture. Most architectures today are classical but Open RAN is evolving fast.

However, classical architecture is equally capable of 5G services. 4G can continue to co-exist with 5G. So benefits of seamless coverage will continue.

The industry is deploying cloud-based architecture with virtual machines.

"We have Cloud systems which are fully ready to update to 5G. Having this network gave us flexibility and scalability."

5G investments

Ibrahim asked, why -- not so long ago -- there was stiff opposition from operators as they had just finished investments in 3G and 4G?

Jagbir Singh explained that the industry has seen confidence with maturity of technology. All investments in infrastructure, equipment and transport is being done with a 5G-readiness in mind.

Specifications have become clearer. Pilots have been completed. This has sharpened understanding of technology. Proven technology across the globe helps to deepen this confidence. Of course, spectrum pricing is a challenge. There is also need for more fibre connectivity, robust transport networks, more

base stations which all adds up to more Capex. "There is not too much upside on ARPU, so the challenge will remain," he said.

5G enables Private networks.

Jagbir Singh explained that this can happen through slicing and we would get efficiency for spectrum-usage and capex optimisation. "Even devices are going to support eight slices. With different bandwidth for different uses with 5G.

On concerns about security and latency, Jagbir said, "Public networks are more secure due to regulatory aspects and compliance than private networks. Network slicing is highly secure as well. Slicing enables dedicated resources – making SLAs better. We also need to address redundancy in private networks with high degree of efficiency, reliability and security."

The industry also needs enough money for Capex – in light of ARPU challenges. With the Make-in-India effort and fast 5G roll-out, we can navigate these aspects.

5G Power

Jagbir shared lessons from trials in Pune and Gandhinagar by Vodafone Idea.

"Any use case is going to be part of an ecosystem – like network providers, integrators, device providers. All the use-cases will not come from vendors or operators but from the entire ecosystem. We learnt a lot too."

Vodafone Idea implemented several projects like connected ambulances, remote medicine etc. with third-party applications. 5G provides native capability for low latency so it is best suited for AR, VR, Gaming etc.

"It will have a maturity curve. It will take some time," he felt. It is ideal for B2B, remote education, remote healthcare, remote monitoring of infrastructure, factory automation, remote surveillance.

That said, how to make money and make these areas popular would be a challenge. But with industry collaboration and ecosystem co-operation – this would become possible.

Maturity level of technology, cloud-native investments, realistic pricing of spectrum, device availability in ecosystem, and ROI are issues that this industry and regulators need to address. But we have to begin at some point.

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**HD** Preferential Issue

WC 86 words

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India, March 31 -- Vodafone Idea Limited has informed the Exchange about Preferential Issue - Allotment of 3,38,34,58,645 equity shares of Rs.10/- each for cash at an issue price of Rs.13.30 per equity share, aggregating to ~ Rs. 4,500 crore to Promoter / Promoter Group on preferential basis.

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HD Vodafone Idea loses 3.89 lakh subscribers in January

WC 132 words

PD 31 March 2022 SN Accord Fintech

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India, March 31 -- Vodafone Idea has lost 3,89,082 customers in January 2022. Following this, the company's total customer base has decreased to 26.51 crore with market share of 23.15% in terms of wireless subscribers as on January 31, 2022.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an **ecosystem** of digital channels as well as extensive on-ground presence.

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## THE ECONOMIC TIMES

SE Startups & Tech

HD Telcos Seeking Easier 5G Payment Terms: Minister

BY Our Bureau
WC 419 words
PD 31 March 2022

**SN** The Economic Times - Mumbai Edition

SC ECTMUM

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IT panel has also called for cut in base price of 5G airwaves, says Chauhan

Kolkata: Telecom companies have called on the government for easier 5G spectrum **payment** terms in the upcoming auction, Devusinh Chauhan, minister of state for communications, told Lok Sabha Wednesday. This, even as a parliamentary panel on IT, headed by Congress MP Shashi Tharoor, voiced concerns around the delayed launch of 5G services in India and also called on the regulator and the government to cut starting price of 5G airwaves in the upcoming sale.

TD

"Some TSPs have represented seeking easier payment terms for 5G spectrum," Chauhan said in reply to a query in Parliament.

Both Vodafone Idea MD Ravinder Takkar and Bharti Airtel CEO Gopal Vittal had recently underlined the need for the sector regulator and the telecom department to ensure easier 5G spectrum payment terms in the upcoming sale to ease financial stress for telcos.

The Tharoor-led panel, in turn, said in a report that while it's high time 5G services are rolled out in India in some specific use cases, "it does not see any progress in that direction". In fact, the panel called on DoT to review all its policies relating to 5G so that the country isn't left behind in the 5G race. It added that the current pricing of 5G spectrum is exorbitant compared to other countries, and accordingly, pushed for a pricing review.

India's top telcos - Reliance Jio, Bharti Airtel and Vodafone Idea - in their recent submissions had urged the regulator to cut the starting price of 5G airwaves in the mid-band and 700 Mhz bands, by up to 95% and set low starting rates for the new frequencies to be put on sale. They have said this was critical for operators to get the financial headroom to invest

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### THE ECONOMIC TIMES

SE Companies

HD Telcos Want Easier 5G Payment Terms: MoS

BY Our Bureau

WC 182 words

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HD Vodafone Idea collaborates with L&T

WC 200 words

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India, March 30 -- Vodafone Idea (Vi) and L&T Smart World & Communication (SWC) have come together to establish a use case of Private LTE enterprise network in India. Both companies will carry out an accelerated Proof of Concept (PoC) at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex', Hazira (Surat).

L&T SWC and Vi have also partnered to trial 5G Use Cases in the areas of Public Safety, Smart and Connected Health, as part of the ongoing 5G trials on Govt. allocated 5G spectrum. Both the companies have collaborated to test and validate 5G use cases built on IoT, Video Al technologies leveraging L&T's Smart City platform.

TD

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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HD L&T partners with Vi to set-up pilot private LTE Network

WC 177 words

PD 30 March 2022 SN Accord Fintech

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India, March 30 -- Larsen & Toubro's (L&T) Smart World & Communication (SWC) and Vodafone Idea (Vi) have come together to establish a use case of Private LTE enterprise network in India. Both companies will carry out an accelerated Proof of Concept (PoC) at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex', Hazira (Surat).

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HD Vi, L&T SWC deploy private LTE enterprise network, trial 5G use cases in India

WC 192 words

**PD** 30 March 2022

SN Telecompaper Asia

SC TELASI
LA English

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LP

L&T Smart World & Communication (SWC) and Indian operator Vodafone Idea (Vi) have deployed a use case of private LTE enterprise network in India. Both companies will carry out an accelerated proof of concept at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex', Hazira (Surat). L&T SWC and Vi have also partnered to trial 5G use cases in the areas of public safety, smart and connected health, as part of the ongoing 5G trials on government allocated 5G spectrum.

Both companies have also collaborated to test and validate 5G use cases built on IoT, video Al technologies using L&T's Smart City platform. L&T Smart World offers pre-packaged digital services for private 5G starting from network designing and rollout, cyber security, and virtualized networks (ORAN).

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The private LTE PoC, which is based on technology from Nokia, is expected to ensure coverage, communication, and customer experience integrating machinery, connected devices and IoT that are critical to the related high precision manufacturing processes, at L&T Heavy Engineering manufacturing facility.

co idcell : Vodafone Idea Ltd

idct : Digital Cellular Technology | i3302 : Computers/Consumer Electronics | i3303 : Networking | itech : Technology | iwrlssl : Wireless Area Network Technology | i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications

NS ccat : Corporate/Industrial News

RE india: India | asiaz: Asia | bric: BRICS Countries | devgcoz: Emerging Market Countries | dvpcoz: Developing Economies | indsubz: Indian Subcontinent | sasiaz: Southern Asia

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AN Document TELASI0020220330ei3u0002u



SE MINT, Industry

HD Centre may name IDBI Cap adviser for \$\prec{4}{8202}\$; Voda Idea \$\prec{4}{8202}\$; deal

BY Gulveen Aulakh

WC 669 words

**PD** 30 March 2022

SN Mint

SC HNMINT

LA English

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New delhi, March 30 -- The Centre is likely to hire IDBI Capital Markets and Securities Ltd to advise it on converting Vodafone Idea Ltd's interest from spectrum auction instalments and adjusted gross revenue (AGR) dues into equity, two officials familiar with the development said.

The department of **investment** and public asset management (DIPAM) has already proposed IDBI Cap's name as transaction adviser for the conSLversion, one of the two officials cited above said on condition of anonymity.

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"The recommendation has gone to the finance ministry; it should be done soon," the official said.

Vodafone Idea has been under severe financial stress for years and has snapped up the government's September offer to convert its dues totalling Rs.16,000 crore into equity to reduce its debt. The proposal, which was part of a larger telecom relief package, also offered a moratorium on payments of deferred spectrum fees and adjusted gross revenue for four years.

Vodafone Idea's gross debt, excluding lease liabilities but including interest, increased to Rs.1.99 trillion for the quarter ended 31 December, comprising deferred spectrum payment obligations of Rs.1.1 trillion, AGR liability of Rs.64,620 crore and debt from banks and financial institutions of Rs.23,060 crore.

Meanwhile, Vodafone Group and Aditya Birla Group, the promoters of Vodafone Idea, will invest Rs.4,500 crore in the loss-making company, bringing in much-needed resources to compete with larger rivals Bharti Airtel Ltd and Reliance Jio Infocomm Ltd. Shares will be issued on a preferential basis to Vodafone Group Plc entities Euro Pacific Securities Ltd and Prime Metals Ltd, and Aditya Birla Group entity Oriana Investments Pte. Ltd, which are part of the promoter group. Additionally, the telco will raise Rs.10,000 crore in tranches from external sources by selling equity and debt.

Vodafone Group owns 44.4% of the telco and Aditya Birla Group 27.7%, taking total promoter shareholding to 72.1%. With the fund infusion of Rs.4,500 crore, the promoter shareholding will rise to 74.9%. If the government were to convert the interest from dues into equity at this stage, it would hold about 33.3%, according to IIFL Securities, as opposed to 35.8%, as announced by Vodafone Idea management in January. Promoter shareholding will fall to 50.1%, according to a note reviewed by Mint.

The government's shareholding will fall further to 28.8% if it were to convert the interest from dues into equity after Rs.10,000 crore has been raised, according to a report from Citi Research, while promoter shareholding will reduce to 43.3%. However, the note added that the government will be the single largest shareholder in the carrier.

Queries emailed to spokespersons for the finance ministry, IDBI Capital Markets & Securities, and Vodafone Idea remained unanswered till press time.

According to the second official cited above, who also spoke on condition of anonymity, the government will move ahead with the equity conversion even as promoters of India's third-largest carrier put in additional equity and raise external funds. As and when the funds will come, the government shareholding will change, the official said. "It will be done in parallel. We're on the job, and we're aiming to complete it at the earliest," he added.

Vodafone Idea's December quarter losses widened to Rs.7,230.9 crore from Rs.7,132.3 crore in the September quarter, while revenues rose to Rs.9,717 crore from Rs.9,406 crore.

The adviser, along with the finance ministry and department of telecommunications, will ascertain the quantum of stake that the government will eventually hold in the third-largest carrier, a third official added.

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- PUB HT Digital Streams Limited
- AN Document HNMINT0020220329ei3u003ux



HD L&T and Vi Join Hands to Pilot Private LTE Network To transform L&T's Heavy Engineering plant with industry 4.0

WC 714 words

**PD** 29 March 2022

SN Voice and Data

SC CMVOID

LA English

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LΡ

Mumbai: L&T Smart World & Communication (SWC) and Vodafone Idea Limited (Vi) have come together to establish a use case of Private LTE enterprise network in India. Both companies will carry out an accelerated Proof of Concept (PoC) at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex', Hazira (Surat).

L&T SWC and Vi have also partnered to trial 5G Use Cases in the areas of Public Safety, Smart and Connected Health, as part of the ongoing 5G trials on Govt. allocated 5G spectrum. Both the companies have collaborated to test and validate 5G use cases built on IoT, Video AI technologies leveraging L&T's Smart City platform.

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Led by the robust foundation built on the backbone of telecom in India, the Industry 4.0 manufacturing revolution across the world, has been brought about using hi-tech IoT and connected devices.

"We believe private enterprise networks are here to stay, proliferate and help transform businesses on the Industry 4.0 growth path. We are excited about this technology and promise it holds, and along with our partners Vodafone Idea, are betting big in digitizing Indian enterprises." said Mr. J. D Patil, Whole Time Director & Senior Executive Vice President, Defence & Smart Technologies, Larsen & Toubro.

Vi Business, with its deep expertise of providing innovative and reliable telecommunications services to Enterprises, is preparing for a future ready industry through partnerships and trials with major industrial companies. These trials allow Vi and its partners to develop India specific private LTE use cases with efficient utilization of spectrum, without impacting the society and progressing towards the Government's dream of a Digital India.

"As a market leader in enterprise solutions, Vi Business remains focussed on empowering businesses to grow and reinvent in this dynamic digital ecosystem. We are excited to partner with L&T Smart World & Communication to build a complete solution for Private LTE with cutting-edge applications on future-ready 5G network infrastructure, based on technology expertise from Nokia. This collaboration will demonstrate our strength and capabilities to deliver solutions for the enterprises of tomorrow driving faster adoption of industry 4.0 in India. We are confident that this pilot will revolutionize and transform L&T's A M Naik Heavy Engineering Complex manufacturing facility, unlocking new potential for future scalability." said Arvind Nevatia, Chief Enterprise Business Officer, Vodafone Idea Limited.

L&T SWC, having varied experience of seamless IT/OT integration and world-class technology solutions, will design, implement, test and validate the network as well as the satisfactory deployment of the use cases over it.

"We are conducting extensive POC for testing private LTE network for industrial applications at our L&T Heavy Engineering works at 'AM Naik Heavy Engineering Complex'. We are confident that LTE will help us in achieving the goals of improved connectivity/coverage and also the ability to move towards greater automation using IOT in various Industry 4.0 applications," said Anil V Parab, Senior Vice President, Head - Heavy Engineering and Member of the Executive Committee.

The private LTE PoC, which is based on technology from Nokia, will ensure coverage, communication, and customer experience by integrating vast machinery, connected devices, and IoT that are critical to the related high precision manufacturing processes, at L&T Heavy Engineering manufacturing facility.

"We are delighted to partner with Vi Business and L&T SWC to build one of the first private wireless networks in India. Our industry-leading private wireless solution will offer L&T's manufacturing facility the scalability, flexibility, improved productivity, operational efficiency, and the required coverage to advance its digital transformation. By deploying a state-of-the-art private wireless network, L&T's manufacturing facility will be able to automate its processes and explore new industry 4.0 use cases," said Prashant Malkani, Head of Vodafone Idea CT at Nokia.

L&T Smart World offers pre-packaged digital solutions for Private 5G starting from network designing & rollout, cyber security, and virtualized networks (ORAN). It's expertise in the Communications sector as a system integrator enables it to deliver end-to-end solutions for an enterprise transformation.

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- IPD Telecom
- PUB Cyber Media India Ltd.
- AN Document CMVOID0020220330ei3t00002



HD L&T, Vi join hands to set-up pilot private LTE network

BY CT Bureau

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WC 701 words

**PD** 29 March 2022

**SN** Communications Today

SC ATCOMT

**LA** English

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LP

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Led by the robust foundation built on the backbone of telecom in India, the Industry 4.0 manufacturing revolution across the world, has been brought about using hi-tech IoT and connected devices.

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"As a market leader in enterprise solutions, Vi Business remains focussed on empowering businesses to grow and reinvent in this dynamic digital ecosystem. We are excited to partner with L&T Smart World & Communication to build a complete solution for Private LTE with cutting-edge applications on future ready 5G network infrastructure, based on technology expertise from Nokia. This collaboration will demonstrate our strength and capabilities to deliver solutions for the enterprises of tomorrow driving faster adoption of industry 4.0 in India. We are confident that this pilot will revolutionize and transform L&T's A M Naik Heavy Engineering Complex manufacturing facility, unlocking new potential for future scalability." said Arvind Nevatia, Chief Enterprise Business Officer, Vodafone Idea Limited.

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L&T Smart World offers pre-packaged digital solutions for Private 5G starting from network designing & rollout, cyber security, and virtualized networks (ORAN). It's expertise in the Communications sector as a system integrator enables it to deliver end to end solutions for an enterprise transformation.

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## TECHCIRCLE

SE Technology

HD L&T, Vi to build pilot private LTE network

BY Team TC

WC 370 words

**PD** 29 March 2022

SN TechCircle

SC MMVTCE

LA English

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LP

L&T Smart World & Communication (SWC) and Vodafone Idea Limited (Vi) have joined hands to establish a use case for Private LTE enterprise network in India. As per the agreement, both the partners will carry out an accelerated 'Proof of Concept (PoC)' at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex' at Hazira (Surat). The private LTE PoC is based on the technology developed by Nokia.

Furthermore, L&T and Vi have also teamed up to trial 5G use cases in the areas of Public Safety, Smart and Connected Health, as part of the ongoing 5G trials on the government allocated 5G spectrum. Both the companies have collaborated to test and validate 5G use cases built on IoT, Video Al technologies leveraging L&T's Smart City platform, as revealed by the companies in a statement.

TD

L&T claims that because of its 'varied experience' of 'seamless IT/OT integration' and 'world-class technology' solutions, it will be able to design, implement, test and validate the network as well as the 'satisfactory deployment' of the use cases over it.

"We believe private enterprise networks are here to stay, proliferate and help transform businesses on the Industry 4.0 growth path. We are excited about this technology and promise it holds, and along with our partners Vodafone Idea, are betting big in digitising Indian enterprises," said JD Patil, Director at Larsen & Toubro.

Similarly, Vi Business claims that because of its deep expertise of providing innovative and reliable telecommunications services to enterprises, it is able to prepare for a 'future ready' industry through partnerships and trials with major industrial companies.

"We are conducting extensive POC for testing private LTE network for industrial applications at our L&T Heavy Engineering works at 'AM Naik Heavy Engineering Complex'. We are confident that LTE will help us in achieving the goals of improved connectivity/coverage and also the ability to move towards greater automation using IOT in various Industry 4.0 applications," said Anil V Parab, Senior Vice President, Head - Heavy Engineering and Member of the Executive Committee.

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IPD L&T SWC

PUB Mosaic Media Ventures Pvt. Ltd.



HD L&T, Vi to set-up pilot private LTE network

WC 392 words

**PD** 29 March 2022

SN UNI (United News of India)

SC UNNIND LA English

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Mumbai, March 29 -- Engineering major Larsen & Toubro (L&T) on Tuesday said it has partnered with telecom operator Vodafone Idea to establish a use case of private LTE enterprise network in India.

L&T Smart World & Communication (SWC), the smart world and communication business of L&T Construction, along with Vi will establish a private LTE enterprise network with future ready **5G**network infrastructure, the telecom operator said in a statement here.

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Both the companies will also trial 5G use cases in the areas of public safety, smart and connected health as part of the ongoing 5G trials on government allocated 5G spectrum.

"Both the companies have collaborated to test and validate 5G use cases built on IoT, video AI technologies leveraging L&T's smart city platform," it said.

"We believe private enterprise networks are here to stay, proliferate and help transform businesses on the Industry 4.0 growth path. We are excited about this technology and promise it holds and along with our partners Vodafone Idea are betting big in digitizing Indian enterprises," said J D Patil, Senior Executive Vice President, Defence & Smart Technologies, L&T.

These trials allow Vi and its partners to develop India specific private LTE use cases with efficient utilization of spectrum, without impacting the society and progressing towards the Government's dream of a 'Digital India'. the company said.

Commenting on the development, Arvind Nevatia, Chief Enterprise Business Officer, Vodafone Idea, said this partnership will enable to build a complete solution for private LTE with cutting-edge applications on future ready 5G network infrastructure, based on technology expertise from Nokia.

"This collaboration will demonstrate our strength and capabilities to deliver solutions for the enterprises of tomorrow driving faster adoption of industry 4.0 in India. We are confident that this pilot will revolutionize and transform L&T's A M Naik Heavy Engineering Complex manufacturing facility, unlocking new potential for future scalability," he added.

L&T Smart World offers pre-packaged digital solutions for Private 5G starting from network designing and rollout, cyber security and virtualized networks (ORAN).

UNI PSK MR

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# BusinessLine

SE Info-tech

HD Vodafone Idea partners L&T for private network solutions

BY BL Mumbai Bureau

WC 512 words

**PD** 29 March 2022

SN BusinessLine Online

SC BSNLNO

**LA** English

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Vodafone Idea (Vi) has partnered with Larsen and Toubro Smart World & Communication (L&T SWC) to establish a use case for private LTE enterprise network in India. Both companies will carry out an accelerated 'proof of concept' at group business L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex' at Hazira in Surat, Gujarat.

L&T SWC and Vi have also partnered to trial 5G use cases in the areas of public safety, smart and connected health, as part of ongoing trials on government-allocated 5G spectrum. Both companies have collaborated to test and validate 5G use cases built on IoT (internet of things) and video AI technologies using L&T's Smart City platform.

TD

"We believe private enterprise networks are here to stay, proliferate and help transform businesses on the Industry 4.0 growth path. We are excited about this technology and the promise it holds, and, along with our partners Vodafone Idea, are betting big on digitising Indian enterprises," said JD Patil, Whole Time Director and Senior Executive Vice-President, Defence and Smart Technologies, Larsen & Toubro.

According to a press note, the trials allow Vodafone Idea and its partners to develop India-specific private LTE (long-term evolution — a standard for wireless broadband communication) use cases with efficient utilisation of spectrum.

"As a market leader in enterprise solutions, Vi Business remains focussed on empowering businesses to grow and reinvent in this dynamic digital ecosystem. We are excited to partner with L&T Smart World & Communication to build a complete solution for private LTE with cutting-edge applications on future-ready 5G network infrastructure, based on technology expertise from Nokia. This collaboration will demonstrate our strength and capabilities to deliver solutions for the enterprises of tomorrow, driving faster adoption of Industry 4.0 in India. We are confident that this pilot will revolutionise and transform L&T's A M Naik Heavy Engineering Complex manufacturing facility, unlocking new potential for future scalability," said Arvind Nevatia, Chief Enterprise Business Officer, Vodafone Idea Limited.

"We are conducting extensive proof of concept for testing private LTE network for industrial applications at our L&T Heavy Engineering works at 'AM Naik Heavy Engineering Complex'. We are confident that LTE will help us in achieving the goals of improved connectivity/coverage and also the ability to move towards greater automation using IoT in various Industry 4.0 applications," said Anil V Parab, Senior Vice President, Head - Heavy Engineering, and Member of the Executive Committee.

According to the press note, the private LTE proof of concept, which is based on technology from Nokia, will ensure coverage, communication, and customer experience, integrating vast machinery, connected devices and IoT that are critical to the related high-precision manufacturing processes at L&T's heavy engineering manufacturing facility.

L&T Smart World offers pre-packaged digital solutions for private 5G, starting from network designing and rollout to cyber security and virtualised networks (ORAN). As a system integrator, it offers end-to-end solutions for enterprise transformation.

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## **Business Today**

HD L&T, Vi to set up private LTE network on pilot basis

WC 402 words
PD 29 March 2022

SN Business Today Online

SC BTDYON
LA English

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LP

Larsen & Toubro Smart World & Communication (L&T SWC) and Vodafone Idea Limited (Vi) announced on Tuesday that they will together establish a private LTE enterprise network in India. A Proof of Concept will be carried out at L&T Heavy Engineering's 'A M Naik Heavy Engineering Complex' in Surat's Hazira.

The companies have partnered to use 5G use cases in areas of public safety, smart and connected health as part of the government's 5G trials. Both the companies have collaborated to test and validate 5G use cases built on IoT, video AI technologies.

TD

L&T said that the Industry 4.0 manufacturing revolution across the world has been brought about using hi-tech IoT and connected devices.

JD Patil, Whole Time Director & Senior Executive Vice President of Defence & Smart Technologies at L&T said, "We believe private enterprise networks are here to stay, proliferate and help transform businesses on the Industry 4.0 growth path. We are excited about this technology and promise it holds, and along with our partners Vodafone Idea, are betting big in digitising Indian enterprises."

Vi Business is partnering with major industrial companies to prepare for a future ready industry. These trials will allow Vi to develop India-specific private LTE use cases with efficient utilisation of spectrum, the company added.

Arvind Nevatia, Chief Enterprise Business Officer, Vodafone Idea Limited, said: "This collaboration will demonstrate our strength and capabilities to deliver solutions for the enterprises of tomorrow driving faster adoption of industry 4.0 in India. We are confident that this pilot will revolutionize and transform L&T's A M Naik Heavy Engineering Complex manufacturing facility, unlocking new potential for future scalability."

L&T SWC will design, implement, test and validate the network as well as the satisfactory deployment of the use cases.

The LTE PoC is based on technology from Nokia. It ensures coverage, communication, and customer experience integrating vast machinery, connected devices and IoT critical to the related high precision manufacturing processes at L&T Heavy Engineering manufacturing facility.

L&T Smart World offers pre-packaged digital solutions for Private 5G starting from network designing & rollout, cyber security, and virtualised networks (ORAN).

Also read: <u>L&T board approves long term borrowings up to Rs 10,000 crore</u>

Also read: L&T constructs 7-storey facility for DRDO in 45 days

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SE Tech, Media & Telecom

HD Airtel Acquires Vodafone's 4.7% Stake In Indus Towers; Shares Up Over 2%

BY Edited by Prashun Talukdar

WC 236 words

**PD** 29 March 2022

**ET** 06:21

SN NDTV

SC NDTVIN

LA English

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LP

Telecom major Bharti Airtel on Tuesday said that it has acquired a 4.7 per cent stake in Indus Towers from U.K.'s Vodafone Group for aroundRs 2,388 crore. "The company, along with its wholly-owned subsidiary, Nettle Infrastructure Investments Ltd, has acquired 127,105,179 equity shares (approximately 4.7 per cent) of Indus Towers Limited at Rs 187.88 per share from Euro Pacific Securities Ltd, an affiliate of Vodafone Group Plc," Airtel stated in a regulatory filing today.

Last month, <u>Airtel</u> had signed an agreement to buy Vodafone's stake in Indus Towers on the principal condition that proceeds will be used for **investment** in Vodafone Idea (VIL) and clearing its outstanding dues towards the mobile tower company.

TD

Indus Towers, formerly Bharti Infratel, provides passive telecom infrastructure. It deploys, owns and manages telecom towers and communication structures for various mobile operators.

The company's portfolio of over 1,84,748 telecom towers makes it one of the largest tower infrastructure providers in the country, with a presence in all 22 telecom circles.

Indus Towers caters to all wireless telecommunication service providers in India.

Meanwhile, shares of the telecom operator surged as much as 2.13 per cent in early trade to Rs 748.95. The stock hit an intraday high of Rs 750.95.

**CO** bhinfr : Indus Towers Limited | idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | bhatev : Bharti Airtel Ltd. | bhrten : Bharti Enterprises Limited

IN i7902202 : Mobile Telecommunications | i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i3441 : Telecommunications Equipment | itech : Technology

NS c181 : Acquisitions/Mergers/Shareholdings | cacqu : Acquisitions/Mergers | c15 : Financial Performance | c1522 : Share Price Movement/Disruptions | c18 : Ownership Changes | cactio : Corporate Actions | ccat : Corporate/Industrial News | ncat : Content Types | nfact : Factiva Filters | nfce : C&E Exclusion Filter | nfcpin : C&E Industry News Filter

IPD Bharti Airtel

PUB NDTV Convergence Ltd

AN Document NDTVIN0020220329ei3t00060



**HD** Vodafone Idea introduces Vi MiFi

WC 229 words

PD 28 March 2022 SN Accord Fintech

SC HTACCF LA English

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India, March 28 -- Vodafone Idea (Vi) has launched Vi MiFi for its customers on Vi Family Plans and Individual Postpaid Plans. Vi MiFi is a pocket-sized 4G router that delivers reliable, high speed and secure **connectivity** for multiple **devices**, while also being ideal for individuals wanting to stay connected on the go. Vi MiFi supports superfast speeds of up to 150 Mbps and enables users to securely connect up to 10 WiFi-enabled **devices** such as mobiles, smart TVs, laptops, tablets, CCTVs, smart speakers and more.

Consumers are now, more than ever, accessing internet for varied purposes and across multiple **devices**. As these **devices** proliferate, so does the need for seamless digital **connectivity** at all times. With high speed and secure internet access, Vi MiFi is a valuable proposition for consumers; be it for "work from anywhere" or consuming **content** or attending online classes.

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Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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HD Vodafone Idea's shareholders approve Rs 14,500 crore fundraise proposal

WC 152 words

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LP

India, March 28 -- Vodafone Idea's (VIL) shareholders have approved a proposal to raise Rs 14,500 crore. As part of its fundraising, VIL had also sought shareholders' approval to raise Rs 10,000 crore through sale of equity or through a mix of ADR, GDR and FCCBs. Shareholders approved the proposal at the extraordinary general meeting held on March 26, 2022.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an **ecosystem** of digital channels as well as extensive on-ground presence.

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HD IPL 2022: Jio, Airtel, Voda plans for free DisneyPlus HotStar subscription

WC 422 words

**PD** 26 March 2022

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LA English

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Cricket is not just a game, it's an emotion in India which is why telecom companies have come up with recharge plans that not just offer you calling and data benefits but also subscription to DisneyPlus Hotstar- the streaming app- on which you can watch the ongoing IPL 2022 tournament.

Airtel, Jio and Vodafone Idea have launched recharge plans that come bundled with DisneyPlus Hotstar subscription. Before we tell you more about these recharge plans, you should know the charges of DisneyPlus Hotstar subscription separately. Formerly known as Hotstar, the streaming **platform** in partnership with Disney brings you original **content** from Marvel, Disney and more.

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Disney Plus Hotstar offers mainly three types of plans- Disney Plus Premium plan, DisneyPlus Hotstar Mobile plan and DisneyPlus Hotstar Super plans to its subscribers. The HotstarPlus premium costs Rs 1499 a year, the Mobile plan costs Rs 499 a year and the Super Plans charge you Rs 899 for an year.

Now coming back to what the telcos offer, here is a list of plans from telcos that offer free access to DisneyPlus Hotstar.

Airtel: Airtel offers one year access to DisneyPlus Hotstar along with 3GB data for 28 days. While the plan validity is for just 28 days, the DisneyPlus Hotstar subscription is valid for one year.

Jio: Jio offers several plans that come bundled with DisneyPlus Hotstar subscription for one year. The Rs 601 plan offers one year subscription to DisneyPlus subscription along with 3GB data in a day, unlimited voice calls and 100SMS per day. The second plan comes at Rs 499 and offers 2GB per day, unlimited voice calls and DisneyPlus Hotstar Mobile Subscription for 1. The third plan comes at Rs 1066 and offers one year subscription to DisneyPlus subscription along with 2GB data per day, unlimited voice calls and 100 SMS per day. Jio also has Rs 3119 plan that offers total data benefit of 740GB along with DisneyPlus Hotstar subscription and unlimited voice calling. Jio, only recently, also launched Rs 555 and Rs 2999 plans that come bundled with DisneyPlus Hotstar subscription for one year.

Vodafone Idea: Voda offers two plans- Rs 601 and Rs 901 plans. The Rs 601 plan offers unlimited calling along with 100 SMS per day offering 3GB of data per day with free Disney+ Hotstar subscription for 28 days. The Rs 901 plan offers 3GB per day with same benefits and with free Disney+ Hotstar subscription, but for 70 days.

co idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc

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HD Airtel to acquire Vodafone's 4.7% stake in Indus Towers for Rs 2,388 cr

WC 347 words

**PD** 25 March 2022

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LA English

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On February 25, Bharti Airtel had said it has signed an agreement to buy Vodafone's 4.7 per cent stake in Indus Towers on the condition that the proceeds will be used for **investment** in Vodafone Idea and clearing its dues towards the mobile tower company.

airtel to acquire vodafone's 4.7% stake in indus towers for rs 2,388 cr

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New Delhi: Telecom company Bharti Airtel will acquire a 4.7 per cent stake in Indus Towers from Vodafone Group for about Rs 2,388 crore, according to a company filing. The transaction will be executed at a price of Rs 187.88 per share."...pursuant to the above referred agreement dated February 25, 2022 entered inter alia into between certain affiliates of Vodafone Group Plc (including Euro Pacific Securities), the company and Nettle, the transaction shall be executed at Rs 187.88 per share basis the agreed price formula in the agreement, aggregating to Rs 23,880.62 million," Airtel said in a regulatory filing This will be upon fulfillment of all conditions precedents as agreed by the parties under the agreement, it added. Airtel said agreement pertained to acquisition of about 4.7 per cent equity in Indus Towers by the company and/or Nettle Infrastructure Investments, a wholly-owned subsidiary, from Vodafone Group affiliate, Euro Pacific Securities. On February 25, Bharti Airtel had said it has signed an agreement to buy Vodafone's 4.7 per cent stake in Indus Towers on the condition that the proceeds will be used for investment in Vodafone Idea and clearing its dues towards the mobile tower company. Indus Towers, formerly Bharti Infratel, provides passive telecom infrastructure. It deploys, owns and manages telecom towers and communication structures for various mobile operators. The company's portfolio of over 1.84.748 telecom towers makes it one of the largest tower infrastructure providers in the country with presence in all 22 telecom circles. Indus Towers caters to all wireless telecommunication service providers in India. PTI

- bhinfr : Indus Towers Limited | idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | bhatev : Bharti Airtel Ltd. | bhrten : Bharti Enterprises Limited
- **IN** i7902202 : Mobile Telecommunications | i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i3441 : Telecommunications Equipment | itech : Technology
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### THE ECONOMIC TIMES

SE Startups & Tech

HD 'Diesel Price Rise may Shave Off 100 bps from Telcos' Margins'

BY Kalyan.Parbat@timesgroup.com

WC 387 words

**PD** 25 March 2022

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LA English

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Impact will be felt in June qtr, which was expected to be good due to tariff hikes: analysts

Kolkata: The recent increase in diesel rates for bulk industrial users is likely to inflate the overall network costs of India's top telcos, Reliance Jio, Bharti Airtel and Vodafone Idea (Vi), denting operating margins by around 100 basis points (bps) in the June quarter.

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One basis point is 0.01%. Payouts toward diesel are a key component of a telco's overall network costs, which are around 2224% of sales. Diesel costs form part of a telco's energy bill that also includes electricity costs (for grid support) and battery costs.

Earlier this week, diesel prices went up by a massive

•

25 per litre for bulk industrial users.

Analysts said the impact of the increase in fuel prices would be manifest in the June quarter that is expected to, otherwise, see de- cent revenue and operating income growth on the back of recent tariff increases.

"The jump in diesel rates for bulk industrial users will increase overall network costs of telcos and reduce their operating income (Ebitda) growth in the June quarter by around 1-2 percentage points, compared with what they wo- uld have reported under normal circumstances had diesel rates not risen." a sector analyst at a leading global brokerage told ET.

Another industry analyst said that "higher telco payouts toward diesel would also negatively impact operating margins in the June quarter by an estimated 50100 bps." The big three private carriers were earlier estimated to report around 4-5% sequential expansion in revenue and slightly higher Ebitda growth in the AprilJune quarter, FY23, but those numbers could dip modestly following the fuel price increase. Telecom sector revenues had risen by 4.5% and 4.2% sequentially in the second and third quarters, respectively, of FY22.

Reliance Jio, Bharti Airtel and Vi did not respond to ET's queries on the subject.

Analysts, though, said higher diesel rates won't have any impact on current quarter earnings, with telcos estimated to report much higher sequential revenue growth of around 10% and even higher operating income growth, helped by the full beneficial impact of last November's tariff increases.

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i7902 : Telecommunication Services | i7902202 : Mobile Telecommunications | i79022 : Wireless Telecommunications Services

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SE Telecom

HD Vi MiFi Portable 4G Wireless Router for Postpaid Users With 5 Hours Battery Backup Launched

in India

BY David Delima

WC 376 words

**PD** 24 March 2022

**ET** 13:37

SN NDTV

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LA English

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Vodafone Idea on Thursday announced the launch of the Vi MiFi portable 4G router for customers on the telecom provider's postpaid plans. The pocket-sized router launched by the telecom operator is claimed to deliver high speed Internet up to 150Mbps. Users can also connect up to 10 Wi-Fi enabled **devices** including smartphones, smart TVs, laptops, tablets and IoT **devices**, according to Vi. The wireless router is equipped with a 2,700mAh battery that is said to offer up to five hours of use on a single charge.

Vi MiFi price in India, availability

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Vi MiFi price in India is set at Rs. 2,000 and the wireless router is available for purchase along with a Vi postpaid plan. The service will be available for purchase in stores in 60 cities for customers who are subscribed to Vi postpaid plans starting at Rs. 399, according to the telecom operator.

It is worth noting that Reliance Jio's JioFi JMR540 router is priced at Rs. 1,999, and the company provides its M2S router for free on a 'use and return basis' for certain postpaid plans.

Vi MiFi specifications

The newly launched Vi MiFi portable router offers speeds of up to 150Mbps on a 4G connection for customers on a Vi postpaid plan, according to the telecom operator. The wireless router is capable of connecting to up to 10 devices simultaneously. It supports Wi-Fi enabled devices such as smartphones, laptops, smart TVs, tablets, CCTVs, and smart speakers.

The wireless router is designed to work with Vi postpaid connections and creates a personal hotspot for users to connect their devices to. Vi MiFi wireless router packs a 2,700mAh battery that is claimed to offer up to five hours of battery life on the single charge. The portable wireless router comes with a 1 year warranty, according to the telecom operator. Click here to view video Why is 5G taking so long? We discuss this on Orbital, the Gadgets 360 podcast. Orbital is available on Spotify, Gaana, JioSaavn, Google Podcasts, Apple Podcasts, Amazon Music and wherever you get your podcasts.

#### Click here to view video

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iwrlssl: Wireless Area Network Technology | i3454: Personal Electronics | icellph: Cell/Mobile/Smart Phones | i33031: LAN/WAN Hardware | i3302: Computers/Consumer Electronics | i3303: Networking | i3441: Telecommunications Equipment | i34411: Mobile Communications Devices | ibrdbi: Broadband Equipment | ielec: Consumer Electronics | ihandaps: Handheld Electronic Devices | itech: Technology | i7902: Telecommunication Services | i79022: Wireless Telecommunications Services | i7902202: Mobile Telecommunications

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Vi MiFi IPD

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SE Gadgets Vi launches MiFi 4G router that can connect up to 10 devices HD BY tech desk wc 323 words PD 24 March 2022 Indian Express Online SN **INEXON** SC LA English CY Copyright 2022. Indian Express Group LP Vodafone Idea has announced the launch of Vi MiFi, a pocket-size 4G router that supports speeds of up to 150 Mbps and allows users to connect up to 10 WiFi-enabled devices, on Thursday. It comes with a 2700 mAh battery that the company rates for up to 5 hours of usage on a single charge. The device will cost Rs 2,000 including taxes and can be purchased as an add-on with a Vi family postpaid plan. It is also available with individual postpaid plans starting at Rs 399. It will be available for purchase in Vi across 60 cities across the country. TD When purchased, the Vi MiFi comes with a one year warranty and the following plans will be available on Plan Montly Rental **Number of Connections** Data Quota Data Rollover Data PayGo Calls Family 699 699 2 80GB 200GB 20/ GB **Unlimited Calls** Family 999 999 220GB 200GB

20/ GB

**Unlimited Calls** Family 1299 1299 5 300GB 200GB 20/ GB **Unlimited Calls Entertainment 399** 399 1 40GB 200GB 20/ GB **Unlimited Calls** Entertainment Plus 499 499 1 75GB 200GB 20/ GB **Unlimited Calls** Entertainment Plus 699 699 1 Unlimited NA 20/ GB **Unlimited Calls** MBB 399 399 1 50GB 200GB 20/ GB Std Rates

MBB 499

499

1

90GB

200GB

20/ GB

Std Rates

Reliance Jio's Jiofi router was launched at a price of Rs 1,999 along with a free Jio sim card. The JioFi router offers download speeds of up to 150 Mbps and upload speeds of up to 50 Mbps. Airtel E5573Cs-609 4G portable WiFi router is priced around Rs 2,000 and it supports both Airtel prepaid and postpaid connections.

It comes with a 2700 mAh battery that the company rates for up to 5 hours of usage on a single charge. (Image credit: Vi)

CO idcell: Vodafone Idea Ltd

IN i33031: LAN/WAN Hardware | i3302: Computers/Consumer Electronics | i3303: Networking | i3441: Telecommunications Equipment | ibrdbi: Broadband Equipment | itech: Technology | i7902: Telecommunication Services | i79022: Wireless Telecommunications Services | i7902202: Mobile Telecommunications

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SE MINT, Industry

HD Interesting facts about Vodafone-Idea's bounce-back plans

BY Gulveen Aulakh
WC 1,993 words
PD 23 March 2022

SN Mint
SC HNMINT
LA English

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New delhi, March 23 -- The website of Vodafone Idea Ltd (VIL), India's third largest telecom service provider with more than 260 million customers, looks bright and alluring.

"High-speed Internet anytime, anywhere", the home page promises anyone who visits. "Non-stop **gaming**"; "ad-free music with unlimited downloads"; "free sim delivery at doorstep" are some of its other offers. Yes, the site also wants a visitor to "port your number" to enjoy "exciting benefits".

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VIL has put its best foot forward. Nevertheless, it still has a long way to go-there is a pressing need to reduce debt significantly and also invest in infrastructure that would excite customers in the future.

This, despite a significant lifeline from the Indian government last year. On 15 September, union minister for railways, communications, electronics and information technology Ashwini Vaishnaw said the Indian government was serious about sustaining healthy competition in the telecom industry (without VIL, the market would turn into a duopoly and people would be left to choose between Reliance Jio and Bharti Airtel).

The government, he told scribes, also wanted to "facilitate capital investment cycle and destress the balance sheet of the telecom sector". Telcos were granted more time to pay their dues and convert interest payments into equity as part of a rescue plan.

VIL has the largest debt pile among all telecom service providers in India-a mammoth Rs.1.9 trillion as of 31 December 2021. Its board subsequently approved a plan to make the government its biggest shareholder with a 36% stake in the company. It opted to convert its dues of about Rs.16,000 crore to stock. And earlier this March, VIL's board approved equity infusion of Rs.4,500 crore into the carrier by the promoters and Rs.10,000 crore fund raised in tranches from external sources.

The fund infusion from promoters-Vodafone Group and Aditya Birla Group-is expected after the company's extraordinary general meeting on 26 March. Sources said that the external fund raise will commence soon after the government formally becomes a shareholder.

Nonetheless, some analysts still sense a tricky road ahead. "The announced capital raise will provide some respite but a long and arduous path still remains to be traversed if VIL has to truly make it out of the woods," Hemang Khanna, associate vice president at Kotak Institutional Equities Research said in a note to clients.

His main concern: the announced fundraise still remains minuscule in comparison to VIL's debt. "It is yet to be seen if any external strategic investors decide to participate in VIL's upcoming Rs.100 billion (Rs.10,000 crore) capital raise, given the underlying challenges that the company faces," he said.

VIL rebuffs such views. It remains confident of the fundraise and future growth prospects.

"The Rs.4,500 crore equity infusion by promoters is a start of the fund raise process. It strongly signals promoters' commitment to VIL. The board has already approved total funding of up to Rs.14,500 crore which is seen by the company and board as adequate for the company's growth requirement," a spokesperson from VIL said.

An executive from VIL who didn't want to be identified said that there is significant investor interest, and proposals are being evaluated by the company. "The plans have been arrived at keeping the company's growth and requirements. The fundraise factors in the components that are needed for the company to remain competitive," he said.

"Investors are doing their due diligence and these processes take time. It will happen in the coming months. There is no worry because there are no surprises that has cropped up (in the entire process) and the process is not taking longer than expected." he added.

The executive stressed VIL is here for the long-term. "We have been able to make payments to the bond holders on time. So, it cannot be said that we're not a long-term player. We have the business plan and the belief of being in it for the long run."

On 13 December, VIL paid holders of non-convertible debentures that matured, averting any financial default.

So, what's the business plan? We will come to it in a bit. First, let's rewind to 2016, the year that changed India's telecom battleground, leading to distress for some companies.

#### Merger pains

The genesis of VIL's trouble dates back to September 2016 when Mukesh Ambani, India's richest man, announced Reliance Jio. His telecom service had the lowest data tariffs in the world and free voice calls. Jio created a record in the very first month of its operations, crossing 16 million subscribers. This sort of a ramp-up was "faster than any other telecom operator or startup in the world", Reliance Industries Ltd said at that time.

All these severely impacted the financials of the other telcos. Having already faced legal trouble due to a retrospective tax law amendment dating back to 2012, the Vodafone Group decided against any further investments in India. Instead, it pooled resources. Vodafone India Ltd merged with Idea Cellular Ltd on 31 August 2018 to become VIL.

The merger saw the debt of both companies- adjusted gross revenue (AGR) liabilities, spectrum renewal payments for 2G and 3G airwaves, new spectrum acquisition costs and operational expenses-become one large mound. Net debt was as high as Rs.1.12 trillion as of September 2018, ratings company Crisil had noted.

AGR liabilities are revenue share to the centre that telcos are required to pay in the form of licence fee and spectrum usage charges.

The combined operations were expected to create a giant. VIL had a subscriber base of 408 million in June 2018. However, as of December 2021, the company's subscribers had dropped to 265 million. Jio had 415.7 million subscribers, whereas Airtel had 355 million. VIL was floundering.

"VIL is cash-starved. So, the low capex compared to Reliance Jio and Bharti Airtel has been one key reason for its inability to retain customers and market share," said a sector analyst who didn't want to be identified. "Also, Jio is offering 4G in all cities while VIL has 4G only in top cities and limited locations. This has pushed the first-time smartphone user to other networks," the analyst added.

# The debt overhang

Today, the biggest issue facing VIL remains its huge debt pile and every effort made by the company towards deleveraging looks only a small step in the larger scheme of things.

Citi Research analysts underlined the uncertainty or the ability of the company to meet its payments to the government after the four-year moratorium period ends. In September last year, India's cabinet approved a relief package for the telecom sector that included a four-year moratorium on payment of statutory dues.

"It would require far more meaningful tariff hikes, and potentially, further government relief," the analysts said in a report, adding that VIL's total spectrum and AGR liability at Rs.1.7

trillion would imply annual payments increasing from Rs.240 billion (Rs.24,000 crore) to Rs.400 billion (Rs.40,000 crore) once the moratorium ends.

The VIL executive quoted earlier said that there is a sound debt reduction plan in place. "The company has a customer base and an asset base. Part of the debt which is Rs.16,000 crore will be converted into government equity. Additionally, there will be tariff hikes, ARPUs (average revenue per user) will rise which will contribute to revenue generation and higher EBITDA (earnings before interest, taxes, depreciation, and amortization), which can then be used to service the loans," he explained.

#### The tech cycle

This brings us to the crucial issue of investments in next generation technologies. VIL needs to service its loan, and also invest to stay ahead of the tech curve.

Continued investments in building 4G networks ensure high speed data availability to consumers. Now, all the carriers, including Bharti Airtel and Reliance Jio, are preparing to acquire 5G airwaves-the next generation of high-speed internet that would enable machine-to-machine communications. Both technologies are capital guzzlers with billions needed to be invested into buying spectrum and creating the network infrastructure.

Finance minister Nirmala Sitharaman, in her Union Budget speech this year, announced that spectrum auctions to roll out 5G services will be held in 2022-23. While auction prices can break the bank for telcos, the Telecom Regulatory Authority of India (Trai) Telecom Regulatory Authority of India (Trai) is reportedly considering lowering the reserve price for 5G spectrum auctions by half. In 2018, Trai had recommended a reserve price of Rs.492 crore per MHz for spectrum.

Whatever the price, can VIL ensure greater network investments in the future?

BofA's managing director, APAC, telcos, Sachin Salgaonkar stated in a research note that VIL is an under-invested network as compared to Bharti or Jio so it would require meaningful investments to fix issues. "It still continues to lose subscribers every quarter. Furthermore, VIL would need more cash to acquire 5G spectrum in their core circles," he noted.

## The big plan

To stay in the game, VIL will be working on a combination of equity conversion, tariff hikes, transition of 2G customers to 4G (which will increase ARPU), and enhance digital services-stuff such as music, gaming and content.

While VIL's ARPU in the December quarter rose to Rs.115 from Rs.109 in the September quarter, analysts said this need to rise to Rs.250 over the next three to four years for it to sustain the leverage-the most critical factor for its long-term viability. Airtel's ARPU was at Rs.163 in the December quarter while Jio's came in at Rs.151.6.

"Not just VIL, all industry players are talking about the need to increase ARPU to about Rs.200 in the short-term and to Rs.250-300 over the longer-term. This would come from a combination of future price increases, more 4G customers and through enhanced digital services." a VIL spokesperson said.

All telecos pushed through tariff hikes-an average of 20%-in November last year. One more round of hikes is expected in 2022-23. That could improve key metrics, including profitability and the ARPU. The big question now: can telcos squeeze the customer even further?

Indian subscribers have been paying the lowest monthly bills since the advent of Reliance Jio. With average monthly bills costing less than a meal for two in a Delhi restaurant, there is headroom for tariffs to rise, analysts felt. However, any drastic increase can lead to customer attrition. They may even reduce one of the SIMs they currently own-the subscriber base of the telecom industry fell in December after all the carriers raised tariffs the month before.

Meanwhile, VIL is trying out new monetization avenues. Last week, it launched Vi Games, a dedicated games store in its mobile app, in partnership with gaming firm Nazara Technologies. The store offers free and paid games on a subscription model, ranging between Rs.26 for three days and Rs.56 for a month.

Finally, many market watchers sense VIL would need another lifeline from the government. Analysts at Citi Research stated that if the bank guarantees, still lying with the government, are returned, it could then be replaced by funded and non-funded facilities with banks. The government, according to some reports, is considering releasing bank guarantees worth Rs.15,000 crore to VIL, given against AGR and dues related to spectrum bought in previous auctions.

These signals hold out hope of a turnaround in 2022.

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SE MINT, Industry

HD Inside Vodafone-Idea's bounce-back plan

BY Gulveen Aulakh
WC 1,991 words
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New delhi, March 23 -- The website of Vodafone Idea Ltd (VIL), India's third largest telecom service provider with more than 260 million customers, looks bright and alluring.

"High-speed Internet anytime, anywhere", the home page promises anyone who visits. "Non-stop gaming"; "ad-free music with unlimited downloads"; "free sim delivery at doorstep" are some of its other offers. Yes, the site also wants a visitor to "port your number" to enjoy "exciting benefits".

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VIL has put its best foot forward. Nevertheless, it still has a long way to go-there is a pressing need to reduce debt significantly and also invest in infrastructure that would excite customers in the future.

This, despite a significant lifeline from the Indian government last year. On 15 September, union minister for railways, communications, electronics and information technology Ashwini Vaishnaw said the Indian government was serious about sustaining healthy competition in the telecom industry (without VIL, the market would turn into a duopoly and people would be left to choose between Reliance Jio and Bharti Airtel).

The government, he told scribes, also wanted to "facilitate capital investment cycle and destress the balance sheet of the telecom sector". Telcos were granted more time to pay their dues and convert interest payments into equity as part of a rescue plan.

VIL has the largest debt pile among all telecom service providers in India-a mammoth Rs.1.9 trillion as of 31 December 2021. Its board subsequently approved a plan to make the government its biggest shareholder with a 36% stake in the company. It opted to convert its dues of about Rs.16,000 crore to stock. And earlier this March, VIL's board approved equity infusion of Rs.4,500 crore into the carrier by the promoters and Rs.10,000 crore fund raised in tranches from external sources.

The fund infusion from promoters-Vodafone Group and Aditya Birla Group-is expected after the company's extraordinary general meeting on 26 March. Sources said that the external fund raise will commence soon after the government formally becomes a shareholder.

Nonetheless, some analysts still sense a tricky road ahead. "The announced capital raise will provide some respite but a long and arduous path still remains to be traversed if VIL has to truly make it out of the woods," Hemang Khanna, associate vice president at Kotak Institutional Equities Research said in a note to clients.

His main concern: the announced fundraise still remains minuscule in comparison to VIL's debt. "It is yet to be seen if any external strategic investors decide to participate in VIL's upcoming Rs.100 billion (Rs.10,000 crore) capital raise, given the underlying challenges that the company faces," he said.

VIL rebuffs such views. It remains confident of the fundraise and future growth prospects.

"The Rs.4,500 crore equity infusion by promoters is a start of the fund raise process. It strongly signals promoters' commitment to VIL. The board has already approved total funding of up to Rs.14,500 crore which is seen by the company and board as adequate for the company's growth requirement," a spokesperson from VIL said.

An executive from VIL who didn't want to be identified said that there is significant investor interest, and proposals are being evaluated by the company. "The plans have been arrived at keeping the company's growth and requirements. The fundraise factors in the components that are needed for the company to remain competitive," he said.

"Investors are doing their due diligence and these processes take time. It will happen in the coming months. There is no worry because there are no surprises that has cropped up (in the entire process) and the process is not taking longer than expected." he added.

The executive stressed VIL is here for the long-term. "We have been able to make payments to the bond holders on time. So, it cannot be said that we're not a long-term player. We have the business plan and the belief of being in it for the long run."

On 13 December, VIL paid holders of non-convertible debentures that matured, averting any financial default.

So, what's the business plan? We will come to it in a bit. First, let's rewind to 2016, the year that changed India's telecom battleground, leading to distress for some companies.

#### Merger pains

The genesis of VIL's trouble dates back to September 2016 when Mukesh Ambani, India's richest man, announced Reliance Jio. His telecom service had the lowest data tariffs in the world and free voice calls. Jio created a record in the very first month of its operations, crossing 16 million subscribers. This sort of a ramp-up was "faster than any other telecom operator or startup in the world", Reliance Industries Ltd said at that time.

All these severely impacted the financials of the other telcos. Having already faced legal trouble due to a retrospective tax law amendment dating back to 2012, the Vodafone Group decided against any further investments in India. Instead, it pooled resources. Vodafone India Ltd merged with Idea Cellular Ltd on 31 August 2018 to become VIL.

The merger saw the debt of both companies- adjusted gross revenue (AGR) liabilities, spectrum renewal payments for 2G and 3G airwaves, new spectrum acquisition costs and operational expenses-become one large mound. Net debt was as high as Rs.1.12 trillion as of September 2018, ratings company Crisil had noted.

AGR liabilities are revenue share to the centre that telcos are required to pay in the form of licence fee and spectrum usage charges.

The combined operations were expected to create a giant. VIL had a subscriber base of 408 million in June 2018. However, as of December 2021, the company's subscribers had dropped to 265 million. Jio had 415.7 million subscribers, whereas Airtel had 355 million. VIL was floundering.

"VIL is cash-starved. So, the low capex compared to Reliance Jio and Bharti Airtel has been one key reason for its inability to retain customers and market share," said a sector analyst who didn't want to be identified. "Also, Jio is offering 4G in all cities while VIL has 4G only in top cities and limited locations. This has pushed the first-time smartphone user to other networks," the analyst added.

## The debt overhang

Today, the biggest issue facing VIL remains its huge debt pile and every effort made by the company towards deleveraging looks only a small step in the larger scheme of things.

Citi Research analysts underlined the uncertainty or the ability of the company to meet its payments to the government after the four-year moratorium period ends. In September last year, India's cabinet approved a relief package for the telecom sector that included a four-year moratorium on payment of statutory dues.

"It would require far more meaningful tariff hikes, and potentially, further government relief," the analysts said in a report, adding that VIL's total spectrum and AGR liability at Rs.1.7

trillion would imply annual payments increasing from Rs.240 billion (Rs.24,000 crore) to Rs.400 billion (Rs.40,000 crore) once the moratorium ends.

The VIL executive quoted earlier said that there is a sound debt reduction plan in place. "The company has a customer base and an asset base. Part of the debt which is Rs.16,000 crore will be converted into government equity. Additionally, there will be tariff hikes, ARPUs (average revenue per user) will rise which will contribute to revenue generation and higher EBITDA (earnings before interest, taxes, depreciation, and amortization), which can then be used to service the loans," he explained.

#### The tech cycle

This brings us to the crucial issue of investments in next generation technologies. VIL needs to service its loan, and also invest to stay ahead of the tech curve.

Continued investments in building 4G networks ensure high speed data availability to consumers. Now, all the carriers, including Bharti Airtel and Reliance Jio, are preparing to acquire 5G airwaves-the next generation of high-speed internet that would enable machine-to-machine communications. Both technologies are capital guzzlers with billions needed to be invested into buying spectrum and creating the network infrastructure.

Finance minister Nirmala Sitharaman, in her Union Budget speech this year, announced that spectrum auctions to roll out 5G services will be held in 2022-23. While auction prices can break the bank for telcos, the Telecom Regulatory Authority of India (Trai) Telecom Regulatory Authority of India (Trai) is reportedly considering lowering the reserve price for 5G spectrum auctions by half. In 2018, Trai had recommended a reserve price of Rs.492 crore per MHz for spectrum.

Whatever the price, can VIL ensure greater network investments in the future?

BofA's managing director, APAC, telcos, Sachin Salgaonkar stated in a research note that VIL is an under-invested network as compared to Bharti or Jio so it would require meaningful investments to fix issues. "It still continues to lose subscribers every quarter. Furthermore, VIL would need more cash to acquire 5G spectrum in their core circles," he noted.

## The big plan

To stay in the game, VIL will be working on a combination of equity conversion, tariff hikes, transition of 2G customers to 4G (which will increase ARPU), and enhance digital services-stuff such as music, gaming and content.

While VIL's ARPU in the December quarter rose to Rs.115 from Rs.109 in the September quarter, analysts said this need to rise to Rs.250 over the next three to four years for it to sustain the leverage-the most critical factor for its long-term viability. Airtel's ARPU was at Rs.163 in the December quarter while Jio's came in at Rs.151.6.

"Not just VIL, all industry players are talking about the need to increase ARPU to about Rs.200 in the short-term and to Rs.250-300 over the longer-term. This would come from a combination of future price increases, more 4G customers and through enhanced digital services," a VIL spokesperson said.

All telecos pushed through tariff hikes-an average of 20%-in November last year. One more round of hikes is expected in 2022-23. That could improve key metrics, including profitability and the ARPU. The big question now: can telcos squeeze the customer even further?

Indian subscribers have been paying the lowest monthly bills since the advent of Reliance Jio. With average monthly bills costing less than a meal for two in a Delhi restaurant, there is headroom for tariffs to rise, analysts felt. However, any drastic increase can lead to customer attrition. They may even reduce one of the SIMs they currently own-the subscriber base of the telecom industry fell in December after all the carriers raised tariffs the month before.

Meanwhile, VIL is trying out new monetization avenues. Last week, it launched Vi Games, a dedicated games store in its mobile app, in partnership with gaming firm Nazara Technologies. The store offers free and paid games on a subscription model, ranging between Rs.26 for three days and Rs.56 for a month.

Finally, many market watchers sense VIL would need another lifeline from the government. Analysts at Citi Research stated that if the bank guarantees, still lying with the government, are returned, it could then be replaced by funded and non-funded facilities with banks. The government, according to some reports, is considering releasing bank guarantees worth Rs.15,000 crore to VIL, given against AGR and dues related to spectrum bought in previous auctions.

These signals hold out hope of a turnaround in 2022.

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# **Business Standard**

liAS' thumbs up for ~4.5k-cr fundraise by Vi HD BY Samie Modak Mumbai WC 195 words PD 23 March 2022 **Business Standard** SN **BSTN** SC PG 10 **English** LA CY (c) 2022 Business Standard Ltd. LP Voting advisory firm IiAS has recommended a 'for' vote on the resolution floated by Vodafone Idea (VIL) to raise ~4,500 crore from its promoters. "The equity raise gives the company funds required to meet its <mark>payment</mark> obligations as well as repay its dues and meet its working capital requirements," IiAS has said in a note. TD VIL plans to issue 3.38 billion new shares at ~13.3 apiece to its promoters Aditya Birla Group (through Oriana Investments) and Vodafone Group (through Euro Pacific Securities and Prime Metals). The issue price is 25 per cent higher than VIL's Monday's closing price of ~10.07. IiAS said the issue price is in accordance with the formula prescribed in Sebi's ICDR Regulations (Issue of Capital and Disclosure Requirements). The rule says the issue price should be the higher of 90-day volume weighted average and 10-day volume weighted average. About 40 per cent of the ~4,500 crore will be used for making payments to Indus Towers, an associate company that provides passive infrastructure services on a co-sharing basis. aditbg : Aditya Birla Group | bhinfr : Indus Towers Limited | idcell : Vodafone Idea Ltd | ratel : CO Vodafone Group Plc | bhatev : Bharti Airtel Ltd. | bhrten : Bharti Enterprises Limited i3441 : Telecommunications Equipment | i7902 : Telecommunication Services | i79022 : Wireless IN Telecommunications Services | i7902202 : Mobile Telecommunications | i8396 : Diversified Holding Companies | ibcs : Business/Consumer Services | itech : Technology RE india : India | asiaz : Asia | bric : BRICS Countries | devgcoz : Emerging Market Countries | dvpcoz : Developing Economies | indsubz : Indian Subcontinent | sasiaz : Southern Asia **PUB** Business Standard Limited (India)

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AN

# THE ECONOMIC TIMES

SE Stock in news

HD Stocks in the news: RIL, Wipro, Voda Idea, BoB and Persistent Systems

WC 522 words

**PD** 16 March 2022

SN The Economic Times

sc ECTIM

**LA** English

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Nifty futures on the Singapore Exchange traded 97.5 points, or 0.58 per cent lower at 16,785.50, signaling that Dalal Street was headed for a negative start on Tuesday. Here are a dozen stocks which may buzz the most in today's trade:Reliance Industries: Billionaire Mukesh Ambani's conglomerate announced acquisition of assets of cobalt-free lithium battery technology company Lithium Werks for \$61 million, as it builds technology and material wherewithal for setting up an end-to-end battery manufacturing.Wipro: The IT services major has bagged a contract from Speira which has operations in Germany and Norway. Over the next five years, Wipro will work to strengthen the technology infrastructure and **cybersecurity** requirements of Speira.Vodafone Idea: Eyeing growth in average revenue per user, debt-ridden telecom operator made a foray in the online **gaming** segment in partnership with Nazara Technologies.

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It sees gaming as a highly monetizable segment with a significant growth potential.Bank of Baroda: The state run lender and BNP Paribas Asset Management said they have entered into a strategic partnership by combining the strengths of their respective asset management businesses to form 'Baroda BNP Paribas Mutual Fund'. Suresh Soni has been appointed as the CEO of the merged entity. Persistent Systems: The IT company said it will acquire New Jersey-based cloud technology firm MediaAgility for \$71.71 million (Rs 548 crore) in an all-cash deal. The company will make an upfront payment of \$53.25 million to shareholders of MediaAgility.Anupam Rasayan IndiaMediaAgility.Anupam Rasayan India: The specialty chemical player said Afzal Malkani has resigned from the post of Chief Financial Officer of the company due to personal reasons. The company has appointed Amit Khurana as the Chief Financial Officer, with effect from March 15. Power Mech Projects: The infrastructure-construction firm has bagged orders worth Rs 2,120 crore under the Jal Jeevan Mission programme. The company has won the new orders under the Phase-III of the Jal Jeevan Mission covering 2,120 villages in Pratapgarh, Fatehpur and Meerut districts of Uttar Pradesh.RITES: The railway company has declared a third interim dividend of Rs 7.50 per share. The record date for the same has been fixed as March 25 for the payment of dividend. Marsons: The board of energy solutions players has approved the purchase of advanced thermoelectric technology to generate cheap sustainable power from waste heat and to reduce global CO2 emissions. The technology will be acquired from US-based company Micro Power Global Limited in lieu of equity shares to be allotted on a preferential basis. Jaypee Infratech: The markets regulator Sebiimposed Rs 7 lakh fine on infra player for disclosure lapses. The company did not make disclosures with regard to series of non-convertible debt (NCD) securities issued and listed by it.Avantel: The telecom gear manufacturing company has received a supply order of loco devices for implementation of RTIS phase - 2 (Real Time Train Information system). The order is valued at Rs 125.68 crore.

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HD Top stocks in focus: Reliance Industries, Anupam Rasayan, Rites, Wipro, Vodafone Idea

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Reliance Industries: Subsidiary Reliance New Energy has acquired assets of Lithium Werks BV. The company acquired Lithium's assets for \$61 million including funding for future growth. The assets include the entire patent portfolio of Lithium Werks, manufacturing facility in China, key business contracts and hiring of existing employees as a going concern.

Anupam Rasayan IndiaAnupam Rasayan India: The firm said Afzal Malkani has resigned from the post of Chief Financial Officer of the company due to personal reasons. The company has appointed Amit Khurana as the Chief Financial Officer, with effect from March 15.

TD

RITES: The company has declared a third interim dividend of Rs7.50 per share. The record date has been fixed as March 25 for the payment of dividend.

Wipro: The IT services company has bagged a contract from Speira which has operations in Germany and Norway. Over the next five years, Wipro will work to strengthen the technology infrastructure and cybersecurity requirements of Speira.

Vodafone Idea Ltd (VIL) made a foray into the online gaming segment in partnership with Nazara Technologies.

Avantel: The company has received a supply order of loco devices for implementation of RTIS phase - 2 (Real Time Train Information system). The order is valued at Rs125.68 crore.

Marsons: The board has approved the purchase of advanced thermoelectric technology to generate cheap sustainable power from waste heat and to reduce global CO2 emissions). The technology will be acquired from US-based company Micro Power Global Limited in lieu of equity shares to be allotted on a preferential basis. The board has also approved the plans for venturing into EPC for setting up electric vehicle charging stations.

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HD Vodafone Idea ties up with Nazaria Tech; makes debut in e-sports

CR India Infoline News Service

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<u>Vodafone Idea Ltd.</u> informed the investors that the telecom operator made a foray into the online **gaming** segment in collaboration with Nazaria Technologies.

VIL believes that **gaming** is a highly monetizable segment with significant growth potential.

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VIL stated that Gaming aligns perfectly with the company's strategic focus of driving a higher engagement quotient with a transition in consumers' shifting from offline to online world. This will upgrade the average revenue per user for the company and therefore monetization.

Vodafone Idea has reported an ARPU of Rs115 in December 2021 quarter. The company is looking to strategically build the gaming ecosystem through this partnership.

The e-sports platform will be launched in the next couple of weeks followed by social gaming in the next 3-4 months.

These games will be offered by the company on both a free and paid basis in the range of Rs25-26 per month.

Vodafone Idea Ltd is currently trading at Rs10.37 up by Rs0.15 or 1.47% from its previous closing of Rs10.22 on the BSE.

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IPD Vodafone Idea Stocks

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HD Vi partners Nazara for gaming service; esports also in ambit

BY SportzPower Team

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MUMBAI: Telecom service provider Vodafone Idea Limited has partnered with Nazara Technologies to launched Vi Games on the Vi App. As part of the partnership, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** – Vi Games.

There is a significant uptake of **gaming** consumption in India with more than 95% of **gaming** enthusiasts using the mobile device to enjoy a wide variety of **content**, Avneesh Khosla, chief marketing officer, Vodafone Idea, said. "We see **gaming** as a major focus area of our digital **content** strategy and we intend to build a comprehensive play encompassing most facets of **gaming** with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the **gaming** experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users," he added.

TD

Vi Games on the Vi App offers over 1,400 gaming titles across 10 popular genres such as – action, adventure, arcade, casual, education, fun, puzzle, racing, sports and strategy. Vi Games will be available into three categories- Free Games, Gold Games, and Platinum Games on the Vi app. Free Games will be supported by ads and will offer nearly 250 games available on the app. Meanwhile, Gold Games Pass will offer 30 games for just Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days. Post-paid users with Rs. 499 and above plans will be offered 5 free gold games every month. The super-premium pack- The Platinum Games will be available on pay per download basis through a Platinum Pass priced at Rs 25 for postpaid and Rs 26 for prepaid.

According to Nitish Mittersain, founder and Group MD, Nazara Technologies Limited, gaming is not only the future of entertainment in India but is already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day.

The Vi Games proposition will initially have casual gaming content and gradually be developed to host social gaming and even esports in the future.

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HD Vodafone Idea gains on launching new proposition for gaming in association with Nazara Technologies

WC 344 words

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India, March 15 -- Vodafone Idea is currently trading at Rs. 10.32, up by 0.10 points or 0.98% from its previous closing of Rs. 10.22 on the BSE.

The scrip opened at Rs. 10.21 and has touched a high and low of Rs. 10.34 and Rs. 10.18 respectively. So far 14909360 shares were traded on the counter.

TD

The BSE group 'A' stock of face value Rs. 10 has touched a 52 week high of Rs. 16.79 on 10-Dec-2021 and a 52 week low of Rs. 4.55 on 05-Aug-2021.

Last one week high and low of the scrip stood at Rs. 10.60 and Rs. 9.98 respectively. The current market cap of the company is Rs. 29367.57 crore.

The promoters holding in the company stood at 72.05%, while Institutions and Non-Institutions held 5.57% and 22.38% respectively.

Vodafone Idea has launched a new proposition for gaming enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies, an India based diversified gaming and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of gaming content including popular game titles from various franchises in India on its gaming platform - Vi Games.

Vi Games on the Vi App offers an immersive gaming experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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# THE ECONOMIC TIMES

SE Companies: Pursuit of Profit

HD Vodafone Idea Bets on Gaming to Get Back in the Game

WC 162 words
PD 15 March 2022

SN The Economic Times - Delhi Edition

SC ECTDEL

LA English

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New Delhi: Vodafone Idea (Vi) will give its subscribers access to a bouquet of over 1,200 games as it looks for ways to arrest a fall in subscriber base, attract new users, drive data consumption, and push up average revenue per user (Arpu).

"We have a very aggressive roadmap, and lots of action is lined up on the **gaming** front in the next three-four months," Avneesh Khosla, chief marketing officer of Vim said at a virtual press briefing on Mond ay. The loss-making telco has laun- ched Vi Games on its app in partnership with Nazara Technologies Ltd, a diversified **gaming** and sports media company.

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"Through this deep-integrated

association, Vi customers will get access to a wide range of gaming content including popular game titles from various franchises in India on its gaming platform Vi Games," the company said in a joint statement. -Our Bureau

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HD Vodafone Idea ties up with Nazara Tech for online gaming foray

BY Kiran Rathee
WC 524 words
PD 15 March 2022
SN Financial Express

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LA English

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LP

Unable to match the capex spends of rivals Reliance Jio and Bharti Airtel, loss-making Vodafone Idea is betting on partnerships to increase its average revenue per user (Arpu). The company, which has tie-ups with several leading over-the-top (OTT) platforms, on Monday marked its foray into the online gaming market through a partnership with Nazara Technologies.

**Gaming** is turning out to be a strong use case for mobile operators as it has high growth potential and can be monetised easily. As per estimates, there are around 433 million mobile gamers in the country and the number is expected to cross 650 million by 2025.

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Reliance already has a JioGames platform, open for both Jio and non-Jio users. Bharti Airtel is also trying to tap the gaming opportunity. Airtel had last year demonstrated a cloud-gaming session in a 5G environment.

Globally, in terms of app spends, gaming accounted for 68% of consumer spending in mobile apps in 2021. Gaming is quite popular for Indian smartphone users, accounting for 15% of smartphone time.

Vodafone Idea's entry into gaming will allow its customers to access over 1,200 titles across 10 genres. The company is offering Vi games in three categories – free, gold pass and platinum. The gold pass will offer 30 games for Rs 50 (postpaid) and Rs 56 (prepaid) with a validity of 30 days, while platinum games will be available on pay per download for Rs 25 for postpaid and Rs 26 for prepaid. Apart from this, around 250 free games will be available on the platform.

"We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming," Avneesh Khosla, chief marketing officer of Vodafone Idea, said.

The company said gaming fits well in its strategic roadmap to scale up proportion of high Arpu customers, dive digital adoption and monetisation. The company, however, did not share what kind of jump in Arpu it is expecting through gaming.

Vodafone Idea has the lowest Arpu of Rs 115 among the mobile operators. In terms of capex spends, Vodafone Idea invested around Rs 3,290 crore during the nine months of the current fiscal compared with Rs 11,980 crore for Airtel. Though the company has announced that its promoters would infuse Rs 4,500 crore into the company, analysts feel the amount is minuscule when compared with the requirements of the company. Further, Vodafone Idea would also find it difficult to reverse the loss of subscribers as it will remain behind Jio and Airtel in terms of pan-India network capabilities and service offerings like providing subsidised devices. Both Airtel and Jio are giving lucrative offers to customers on devices.

Gaming is turning out to be a strong use case for mobile operators as it has high growth potential and can be monetised easily. (File)

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AN Document AIWFIE0020220315ei3f00009

# Business Line

SE NEWS

HD Voda Idea ties up with Nazara Tech for gaming portal

WC 106 words

**PD** 15 March 2022

**SN** BusinessLine (The Hindu)

SC BSNLNE

LA English

CY (c) 2022 The Hindu Business Line

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Mumbai, March 14 NEWS

Vodafone Idea has launched a **gaming** portal Vi Games on Vi App in partnership with Nazara Technologies Limited, a diversified **gaming** and sports media company.

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Vi Games offers 1,200+ android and HTML5-based mobile games across 10 popular genres such as action, adventure, arcade, casual, education, fun, puzzle, racing, sports and strategy.

"Through this deep-integrated association, Vi customers will get access to a wide range of gaming content, including popular game titles from various franchises in India, on its gaming platform - Vi Games," said a p ress note.

CO idcell : Vodafone Idea Ltd | nzrtch : Nazara Technologies Limited | ratel : Vodafone Group Plc

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AN Document BSNLNE0020220315ei3f00019



SE GADGETS NEWS

HD Vi Games offers over 1200 titles from 10 different genres: Availability, pricing and more

WC 286 words

**PD** 15 March 2022

SN The Times of India

sc TOI

LA English

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Vodafone Idea (VI) has announced its **gaming** service in partnership with Nazara Technologies Limited. The service will be available as Vi Games on the Vi app and as a part of the service, the Vi users can access a wide range of mobile games on their device from various franchises in India. The service includes over 1200 Android and HTML 5 titles across 10 popular genres such as Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy. Vi Games: Subscription cost and moreVodafone Idea will be offering the **gaming content** in three categories depending upon the subscription plan the user will choose. This includes Platinum Games, Gold Games and Free Games.Platinum Games will offer users the option to 'pay per download' via a Platinum Pass that costs Rs 25 for postpaid users and Rs 25 for prepaid customers.

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On the other hand, the Gold Games will cover the majority of content on the Vi Games library and to access them users will need to purchase the Gold Pass priced at Rs 50 for postpaid and Rs 56 for prepaid customers. The Gold Pass will include around 30 games and will come with a validity of 30 days. In addition to this, Vi Games will also offer an extensive catalogue of free games. The service currently includes 250+ titles for free and can be accessed by any Vi customer via the Vi app.As per an official statement, the Vi Games will initially include casual titles and content and will later move to host social gaming and even eSports tournaments in future.

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# THE ECONOMIC TIMES

SE Telecom News

HD Vodafone Idea launches gaming service to increase ARPUs

WC 460 words

**PD** 15 March 2022

SN The Economic Times

SC ECTIM

**LA** English

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Vodafone Idea, India's third-largest telecom operator has launched its **gaming** service, Vi Games, in partnership with Nazara, as it aims to monetise its mobile subscriber base and increase average revenue per user (ARPUs). "Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games," the telco said in an official statement. Vi Games has categorized **gaming content** as — Platinum Games, Gold Games, and Free Games, which will be accessible from the standalone Vi App. 'Gold Games' will form the largest base of the **content** library. Vi users can access these games through a 'Gold Pass' offering 30 games for Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days. Post-paid users with Rs. 499 and above plans will be offered 5 free gold games every month, Vi said.

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The 'Platinum Games' will be available on pay per download basis through a 'Platinum Pass' priced at Rs 25 for postpaid and Rs 26 for prepaid users. "Vi Games will also host 250+ free games on the platform for all Vi customers." the telco added. The offering follows Vodafone Idea's foray into music streaming in partnership with Hungama Music.Vi Games on the Vi App will offer more than 1,200 android and HTML5 based mobile games across 10 genres, including Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy. "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content," said Avneesh Khosla, Chief Marketing Officer, Vodafone Idea. "Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."Vi will also bring casual games, social gaming. cloud gaming, eSports, and streaming services to its gaming proposition as the telco aims to become a powerhouse in every segment of gaming, the Vi CMO said during a media briefing. "Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base," said Nitish Mittersain, Founder & Group MD, Nazara Technologies Limited. Gaming is one of the biggest segments amongst the entertainment category, estimated to cross 500 million users within 2022 in India, as per a FICCI-EY report. A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicates that the national average time spent by Indian consumers on online gaming is over 4 hours.

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# **HD** Vodafone Idea in partnership with Nazara Technologies

CR India Infoline News Service

WC 566 words

**PD** 14 March 2022

SN Indiainfoline News Service

SC INFOIN

LA English

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Leading telecom service provider, Vodafone Idea Limited today launched a new proposition for **gaming** enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies Limited, an India based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

Vi Games on the Vi App offers an immersive **gaming** experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

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A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over 4 hours.

Inviting Vi customers to enjoy seamless gaming through Vi Games, Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, said "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

The Vi Games proposition will initially have casual gaming content and gradually be developed to host social gaming and even eSports in the future.

"Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base" said Nitish Mittersain, Founder & Group MD, Nazara Technologies Limited.

Vi Games has gaming content into 3 categories - Platinum Games, Gold Games and Free Games, on the Vi App.

4. Gold Games will form the largest base of the content library. Vi users can access these games through a Gold Pass offering 30 games for just Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days.

Post-paid users with Rs. 499 and above plans will be offered 5 free gold games every month.

5. The Platinum Games will be available on pay per download basis through a Platinum Pass priced at Rs. 25 for postpaid and Rs. 26 for prepaid

6. Vi Games will also host 250+ free games on the platform for all Vi customers.

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- IPD Vodafone Idea
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# HD Vodafone Idea partners with Nazara Technologies to launch Vi Games

BY BrandWagon Online

WC 420 words

**PD** 14 March 2022

SN Financial Express Online

SC FIEXON

LA English

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Telecom service provider Vodafone Idea Limited has partnered with Nazara Technologies to launched Vi Games on the Vi App. As part of the partnership, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** – Vi Games.

There is a significant uptake of **gaming** consumption in India with more than 95% of **gaming** enthusiasts using the mobile device to enjoy a wide variety of **content**, Avneesh Khosla, chief marketing officer, Vodafone Idea, said. "We see **gaming** as a major focus area of our digital **content** strategy and we intend to build a comprehensive play encompassing most facets of **gaming** with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the **gaming** experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users," he added.

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Vi Games on the Vi App offers over 1,400 gaming titles across 10 popular genres such as – action, adventure, arcade, casual, education, fun, puzzle, racing, sports and strategy. Vi Games will be available into three categories- Free Games, Gold Games, and Platinum Games on the Vi app. Free Games will be supported by ads and will offer nearly 250 games available on the app. Meanwhile, Gold Games Pass will offer 30 games for just Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days. Post-paid users with Rs. 499 and above plans will be offered 5 free gold games every month. The super-premium pack- The Platinum Games will be available on pay per download basis through a Platinum Pass priced at Rs 25 for postpaid and Rs 26 for prepaid.

According to Nitish Mittersain, founder and Group MD, Nazara Technologies Limited Vi Games, gaming is not only the future of entertainment in India but is already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day.

The Vi Games proposition will initially have casual gaming content and gradually be developed to host social gaming and even Esports in the future.

Read Also: Capri Global partners with Gujarat Titans for IPL 2022

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**HD** VIL Tags Nazara Technologies – Game On, Customers!

WC 466 words

**PD** 14 March 2022

Voice and Data

SC CMVOID

LA English

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Leading telecom service provider, Vodafone Idea Limited today launched a new proposition for **gaming** enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies Limited (BSE: 543280) (NSE: NAZARA), an India based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

Vi Games on the Vi App offers an immersive **gaming** experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

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Gaming is one of the biggest segments amongst the entertainment category, estimated to cross 500 Mn users within 2022 in India, as per a FICCI-EY report. It is the most popular choice for fun and relaxation by Indian consumers and is expected to garner an even higher share in the time and money spent by users over the next few years.

A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over 4 hours.

Inviting Vi customers to enjoy seamless gaming through Vi Games, Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, said "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

The Vi Games proposition will initially have casual gaming content and gradually be developed to host social gaming and even eSports in the future.

"Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports, and interactive entertainment to their larger user base" said Nitish Mittersain, Founder & Group MD, Nazara Technologies Limited

Vi Games has gaming content into 3 categories - Platinum Games, Gold Games and Free Games, on the Vi App.

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# HD TDSAT denies interim relief to Voda Idea in a pre-activated sim sale case

BY PTI

WC 266 words

**PD** 14 March 2022

SN Financial Express Online

SC FIEXON

**LA** English

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Telecom tribunal TDSAT has denied any immediate interim relief to debt-ridden telecom company Vodafone Idea in a matter related to the penalty imposed by the Department of Telecom for selling pre-activated SIM cards.

The Department of Telecom (DoT) has imposed a penalty of Rs 1.9 crore on VIL and will seize bank guarantee of the company if it fails to make the **payment** this week.

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"We cannot give you a stay. You deposit the money. If you succeed, it will be refunded within a week," TDSAT bench headed by Justice Dhirubhai Naranbhai Patel said.

The matter pertains to pre-activated SIMs allegedly being sold by a VIL retail partner in east UP. The UP police raided the premise of the retail partner on March 11, 2020, and discovered pre-activated SIM cards of the company.

The DoT issued a show cause notice to the company on March 24, 2020, and later a demand notice of Rs 1.9 crore on the basis of Rs 50,000 penalty per SIM card.

The VIL counsel said that the DoT will encash the bank guarantee of the company if it doesn't pay the penalty and requested relief at least till the time of next hearing.

While denying any relief, the TDSAT adjourned the matter to March 22.

The VIL counsel said that the DoT will encash the bank guarantee of the company if it doesn't pay the penalty and requested relief at least till the time of next hearing.

CO idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | ddttmm : India Department of Telecommunications

IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications

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HD Vi partners with Nazara Technologies to bring gaming for its customers

BY exchange4media Staff

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WC 566 words

**PD** 14 March 2022

SN Exchange4Media.com

SC ATEXME

LA English

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Telecom service provider Vodafone Idea Limited today launched a new proposition for **gaming** enthusiasts in India-Vi Games on the Vi App in partnership with Nazara Technologies Limited, India-based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform**-Vi Games.

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A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over 4 hours.

Inviting Vi customers to enjoy seamless gaming through Vi Games, Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, said "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

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HD Vi, Nazara Technologies announce Vi Games to increase ARPU

BY CT Bureau

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WC 563 words

**PD** 14 March 2022

**SN** Communications Today

SC ATCOMT

LA English

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"Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base" said Nitish Mittersain, Founder & Group MD, Nazara Technologies Limited.

Vi Games has gaming content into 3 categories – Platinum Games, Gold Games and Free Games, on the Vi App.

Gold Games will form the largest base of the content library. Vi users can access these games through a Gold Pass offering 30 games for just Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days.

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- Vi Games will also host 250+ free games on the platform for all Vi customers.
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HD Telcos want govt to ensure easier pay terms for 5G spectrum

BY CT Bureau

CR Distributed by Contify.com

WC 662 words

**PD** 14 March 2022

**SN** Communications Today

SC ATCOMT

LA English

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LP

Telecom sector leaders are counting on the regulator and the government to ensure easier **payment** terms for 5G spectrum in the upcoming auctions.

They have also underlined the criticality of fast-track fiberisation of tower networks as India braces to roll out 5G later this year.

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"The industry is expecting easier payment terms such that financial stress is neither aggravated nor does it nullify the liquidity support provided by the government with the (recent) reforms package," Vodafone Idea managing director Ravinder Takkar said.

Last week, Vi's board cleared a plan to raise Rs 4,500 crore from promoters Vodafone UK and India's Aditya Birla Group via a preferential allotment and an extra Rs 10,000 crore from external investors, to take on Reliance Jio and Bharti Airtel and participate in the upcoming 5G spectrum auction.

Bharti Enterprises vice chairman Akhil Gupta called for a comprehensive augmentation of the country's optic fibre resources to enable the targeted 80-85% fiberisation of towers required for 5G networks to handle a likely massive surge in data traffic.

The government has been pushing the Telecom Regulatory Authority of India (TRAI) Telecom Regulatory Authority of India (TRAI) to send its 5G spectrum pricing recommendations by the end of this month so that it can hold the auction in May. It wants initial 5G rollouts by August 15.

Takkar said India's upcoming 5G rollouts are happening "at the right time" as the market and overall ecosystem is maturing. He, however, reiterated the industry's demand for adequate supply of 5G airwaves at affordable rates in the upcoming sale.

He said that "it's imperative each operator gets adequate spectrum at a significantly lower pricing than present levels".

The recent 5G trials, he said, had also proven that higher data speeds, low latency and reliability of the next-generation mobile broadband technology have the potential to hugely boost performance of businesses, revolutionise customer experience, change consumer lifestyles and positively impact rural Indians.

Bharti's Gupta urged the government to take "policy decisions quickly and (issue) necessary guidelines before it's too late" as 5G infrastructure needs would be of a very different magnitude than 4G.

"5G will need hundreds of thousands of small cells due to the nature of spectrum used, and these small cells will have to be practically 100% on fibre from Day 1, which is why there will have to be a big augmentation of inter-state, intra-state and intra-city optic fibre networks," Gupta said at the event.

The government has earmarked a mix of mid-band airwaves in the 3.3-3.67 Ghz range, millimetre waves (26/28 Ghz) and key sub-Ghz bands such as 600 Mhz and 700 Mhz for 5G services.

The 5G ecosystem in India had become "broader and deeper as technology companies, especially startups and SMEs are working hard to develop indigenous 5G technologies and services," said AK

Tiwari, member, Digital Communications Commission (DCC), the highest decision-making body in the Department of Telecommunications (DoT).

"The DoT-funded 5G testbed is almost ready to offer 5G testing services for technology and use-case companies...it will be accessible to all at an affordable cost, mainly for startups and SMEs," Tiwari said.

Vi's Takkar said that "startups would have a significant play in the whole 5G ecosystem."

Vi is working with a host of innovative startups to build propositions for Industry 4.0, smart cities and smart citizens alike, he added.

Tata Consultancy Services' chief operating officer NG Subramaniam said there was a need to "encourage and steer investments in R&D across the various dimensions of networks, radios, antennae, computers, storage systems and experiential applications".

He said "an aligned vision for the future of 5G and 6G technologies" in terms of outcomes with cross coverage, capacity, experience, trust and security should be the top priority.

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HD Vi brings gaming for its customers in association with Nazara Technologies

BY AnimationXpress Team

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WC 562 words

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LA English

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Vodafone Idea Limited launched a new proposition for **gaming** enthusiasts in India – Vi Games on the Vi App – in partnership with Nazara Technologies, an India based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** – Vi Games.

Vi Games on the Vi App offers an immersive **gaming** experience with 1200+ android and HTML5 based mobile games across 10 popular genres like – Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

TD

Gaming is one of the biggest segment amongst the entertainment category, estimated to cross 500 Mn users within 2022 in India, as per a FICCI-EY report. It is the most popular choice for fun and relaxation by Indian consumers and is expected to garner even higher share in the time and money spent by users over next few years.

A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over four hours.

Inviting Vi customers to enjoy seamless gaming through Vi Games, Vodafone Idea chief marketing officer Avneesh Khosla said "We are seeing a significant uptake of gaming consumption in India with more than 95 per cent of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

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HD Vi launches Vi Games in partnership with Nazara Technologies

BY Afags, News Bureau

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WC 578 words

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SN afaqs!

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LA English

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Vi Games Offers 1200+ Android & HTML5 based mobile games across 10 genres, on Vi app.

Leading telecom service provider, Vodafone Idea today launched a new proposition for **gaming** enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies , an India based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

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Vi Games on the Vi App offers an immersive gaming experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

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SE MINT, News

HD Telecom tribunal denies interim relief to Vodafone Idea in pre-activated sim sale case

**BY** Livemint

WC 398 words

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SN Mint

SC HNMINT

LA English

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New Delhi, March 14 -- Debt-ridden Vodafone Idea was denied any immediate interim relief in a matter related to the penalty of Rs.1.9 crore imposed by the Department of Telecom for selling pre-activated SIM cards.

The Department of Telecom (DoT) will seize the bank guarantee of the company if it fails to make the **payment** this week.

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"We cannot give you a stay. You deposit the money. If you succeed, it will be refunded within a week," TDSAT bench headed by Justice Dhirubhai Naranbhai Patel said.

The matter pertains to pre-activated SIMs allegedly being sold by a VIL retail partner in east Uttar Pradesh. The UP police raided the premise of the retail partner on 11 March 2020 and discovered pre-activated SIM cards of the company.

The DoT issued a show cause notice to the company on 24 March 2020, and later a demand notice of Rs.1.9 crore on the basis of Rs.50,000 penalty per SIM card.

The VIL counsel said that the DoT will encash the bank guarantee of the company if it doesn't pay the penalty and requested relief at least till the time of next hearing.

While denying any relief, the TDSAT adjourned the matter to 22 March.

This comes days after the VIL board approved raising up to Rs.14,500 crore, including Rs.4,500 crore from promoter entities - Vodafone and Aditya Birla Group.

An amount of Rs.10,000 crore would be raised by way of equity or debt instruments, in one or more tranches.

In a regulatory filing, the company said the board has cleared issuance of up to 338.3 crore equity shares of face value of Rs.10 each at an issue price of Rs.13.30 per equity share for an aggregate consideration of up to Rs.4,500 crore.

In a separate filing overseas, British telecom giant Vodafone Group said it intends to contribute up to Rs.3,375 crore (USD 450 million) in VIL's capital raise from net proceeds realised through the sale of the primary shares in Indus Towers.

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- IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications
- NS ccat : Corporate/Industrial News | gcat : Political/General News

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HD We see gaming as major focus area of our digital content strategy: Vi's Avneesh Khosla

BY BestMediaInfo Bureau

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The telecom major has partnered with Nazara Technologies to bring gaming experience with over 1200 android and HTML5 based mobile games across 10 popular genres on its platform

Vodafone Idea has launched a new proposition for **gaming** enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies, the diversified **gaming** and sports media company. Through this association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

TD

The brand will offer an immersive gaming experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

According to a report by FICCI-EY report, gaming is one of the biggest segments amongst the entertainment category, estimated to cross 500 million users within 2022 in India. A report prepared by IAMAI in collaboration with OnePlus and RedSeer has estimated that the Indian gaming market is poised to reach \$6-7 billion in value by 2025.

A report 'Digital Reset: Touching a billion Indians' by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over four hours.

Avneesh Khosla, Chief Marketing Officer, Vi, said, "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

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- 1. Gold Games will form the largest base of the content library. Vi users can access these games through a Gold Pass offering 30 games for just Rs 50 for postpaid and Rs 56 for prepaid, with a validity of 30 days. Post-paid users with Rs 499 and above plans will be offered five free gold games every month.
- 2. The Platinum Games will be available on pay per download basis through a Platinum Pass priced at Rs 25 for postpaid and Rs 26 for prepaid.
- 3. Vi Games will also host 250+ free games on the platform for all Vi customers.

Nitish Mittersain, Founder and Group MD, Nazara Technologies, said, "Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians

playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base."

Vi's Khosla said that the brand will be partnering with more gaming companies apart from Nazara Technologies to bring fresh experiences for their customers. Vi Games will initially have casual gaming content and gradually be developed to host social gaming and even eSports in the future.

Khosla further said that as of now this service is only available for VI users, however, in future, there will be a possibility for other telecom users to access its gaming service.

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SE BUSINESS

HD VIL makes foray in e-sports, ties up with Nazara Tech

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SN Press Trust of India

SC PRTRIN

LA English

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New Delhi, Mar 14 (PTI) Eyeing growth in average revenue per user, debt-ridden telecom operator Vodafone Idea Ltd (VIL) on Monday made a foray in the online **gaming** segment in partnership with Nazara Technologies.

VIL sees **gaming** as a highly monetizable segment with a significant growth potential.

TD

"Gaming is perfectly aligned with our strategic focus of driving higher engagement quotient with our consumers transitioning from offline to online world, and for sure upgrading ARPU (average revenue per user) and therefore monetisation," VIL chief marketing officer Avneesh Khosla said while announcing the company's foray into the gaming segment.

VIL had reported an ARPU of Rs 115 in December 2021 quarter.

Khosla said the company will strategically build the gaming ecosystem through this partnership.

He said the company plans to launch e-sports in the next couple of weeks followed by social gaming in next 3-4 months.

VIL games will be available for its subscribers on both free and paid basis. The paid plans of the company are in the range of Rs 25- 56 per month. PTI PRS ANU

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HD Vodafone Idea launches Vi Games in partnership with Nazara Technologies

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Mumbai: Vodafone Idea on Monday announced its foray into mobile **gaming** with the launch of Vi Games in partnership with Nazara Technologies. This will be the first phase of the company's entry into the **gaming** space with subsequent expansion into esports, social **gaming**, streaming, and **cloud gaming**.

Vi Games will be a destination within the Vi App and will offer more than 1200+ mobile games across ten genres to Vi customers in HTML5 and Android format. Vi Games has a massive catalogue of titles to choose from out of which 80 per cent are exclusively available on Vi App. While 27 per cent of the portfolio has free games, at an additional fee, prepaid and postpaid customers can access premium and super-premium games.

TD

Nazara Technologies have come on board as a technology partner and will support Vi Games by bringing its experience, competency and diversity of titles in mobile gaming. The company operates in 75 countries and has partnered with 50 telecom operators.

Casual gaming is a Rs 6,000 crore market in India growing at 40 per cent CAGR in the last two years. It is expected to grow by an additional 30 per cent in the coming two years to touch Rs 17,000 crore in value. The majority of gaming consumption in India happens via mobile devices which accounts for 95 per cent of consumption. There are about 400 million casual games in India which is expected to cross 650 million users by 2025. Globally, gaming accounts for 70 per cent of mobile consumer spending.

"We are seeing a significant uptake of gaming consumption in India with more than 95 per cent of gaming enthusiasts using the mobile device to enjoy a wide variety of content," said Vodafone Idea chief marketing officer Avneesh Khosla. "Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content making it a popular choice for fun and entertainment."

"While GenZ was driving the first wave of adoption in gaming, recent growth is far more encompassing," said Khosla. "Women account for 43 per cent of gamers in India and 50 per cent of women gamers are above the age of 34. Gaming attracts a diverse mix of cohorts regardless of age, gender and geography.

"We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers," he added.

"Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day," said Nazara Technologies founder and group MD Nitish Mittersain. "Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base."

The average Indian mobile user consumes an average of 16 Gb of data per month which is 60 per cent higher than the industry average at 9 Gb. Indians now spend one-third of their waking hours on mobile devices and at least three fourth Indians have played one mobile game.

"In the last two decades, we have seen a dramatic change in the macro factors like penetration of mobile devices and cheap data that have helped make India a global giant in gaming,' noted Mittersain. "Today gaming is reaching across demographics and there is a lot of opportunity to collaborate."

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HD Vodafone Idea releases Vi Games with Nazara Technologies

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Vi Games will also host 250+ free games on the platform for all Vi customers.

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imobsoft: Mobile Applications Software | i3302: Computers/Consumer Electronics | i330202: Software | i3302021: Applications Software | icomp: Computing | itech: Technology | i7902: Telecommunication Services | i79022: Wireless Telecommunications Services | i7902202: Mobile Telecommunications | icnp: Consumer Goods | igamsof: Games Software | ilgood: Leisure/Travel Goods

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AN Document TELASI0020220314ei3e000b6



SE BUSINESS

HD TDSAT denies interim relief to Voda Idea in a pre-activated sim sale case

WC 242 words

**PD** 14 March 2022

SN Press Trust of India

SC PRTRIN

LA English

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LP

New Delhi, Mar 14 (PTI) Telecom tribunal TDSAT has denied any immediate interim relief to debt-ridden telecom company Vodafone Idea in a matter related to the penalty imposed by the Department of Telecom for selling pre-activated SIM cards.

The Department of Telecom (DoT) has imposed a penalty of Rs 1.9 crore on VIL and will seize bank guarantee of the company if it fails to make the **payment** this week.

TD

"We cannot give you a stay. You deposit the money. If you succeed, it will be refunded within a week," TDSAT bench headed by Justice Dhirubhai Naranbhai Patel said.

The matter pertains to pre-activated SIMs allegedly being sold by a VIL retail partner in east UP. The UP police raided the premise of the retail partner on March 11, 2020, and discovered pre-activated SIM cards of the company.

The DoT issued a show cause notice to the company on March 24, 2020, and later a demand notice of Rs 1.9 crore on the basis of Rs 50,000 penalty per SIM card.

The VIL counsel said that the DoT will encash the bank guarantee of the company if it doesn't pay the penalty and requested relief at least till the time of next hearing.

While denying any relief, the TDSAT adjourned the matter to March 22. PTI PRS KRH MR

CO idcell : Vodafone Idea Ltd | ratel : Vodafone Group Plc | ddttmm : India Department of Telecommunications

IN i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications

NS ccat: Corporate/Industrial News

RE india: India | asiaz: Asia | bric: BRICS Countries | devgcoz: Emerging Market Countries | dvpcoz: Developing Economies | indsubz: Indian Subcontinent | sasiaz: Southern Asia

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AN Document PRTRIN0020220314ei3e00b9n

## BusinessLine

SE INFO-TECH

HD Vodafone Idea partners Nazara for gaming portal

BY BL Mumbai Bureau

**WC** 539 words

**PD** 14 March 2022

SN BusinessLine Online

SC BSNLNO

**LA** English

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LP

Vodafone Idea today launched a gaming portal Vi Games on the Vi App - in partnership with Nazara Technologies Limited, an India-based diversified gaming and sports media company.

Vi Games on the Vi App offers 1,200+ android and HTML5-based mobile games across 10 popular genres such as Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

TD

"Through this deep-integrated association, Vi customers will get access to a wide range of gaming content, including popular game titles from various franchises in India, on its gaming platform - Vi Games." said the press note.

Gaming is estimated to cross 500 million users within 2022 in India, as per a FICCI-EY report. According to the press statement, it is the most popular choice of Indian consumers for fun and relaxation and is expected to garner even higher share in the time and money spent by users over the next few years.

A report, 'Digital Reset: Touching a billion Indians', by Deloitte and CII indicated that the national average time spent by Indian consumers on online gaming is over 4 hours.

Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, said "We are seeing a significant uptake of gaming consumption in India with more than 95 per cent of gaming enthusiasts using the mobile device to enjoy a wide variety of content. Deeper penetration of smartphones and 4G availability has led to meteoric growth and adoption of gaming content, making it a popular choice for fun and entertainment. We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both casual as well as serious gamers. Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users."

The Vi Games proposition will initially have casual gaming content and gradually be developed to host social gaming and even eSports in the future.

#### Gaming content in 3 categories

"Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base" said Nitish Mittersain, Founder & Group MD, Nazara Technologies Limited

Vi Games is offering gaming content into 3 categories - Platinum Games, Gold Games, and Free Games, on the Vi App. Gold Games will form the largest base of the content library. Vi users can access these games through a Gold Pass offering 30 games for 50 for postpaid and 56 for prepaid, with a validity of 30 days. Post-paid users with 499 and above plans will be offered 5 free gold games every month. Platinum Games will be available on pay per download basis through a Platinum Pass priced at 25 for postpaid and 26 for prepaid. Vi Games will also host 250+ free games on the platform for all Vi customers.

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HD Vodafone Idea launches new proposition for gaming in association with Nazara Technologies

WC 192 words

PD 14 March 2022 SN Accord Fintech

SC HTACCF LA English

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LP

India, March 14 -- Vodafone Idea has launched a new proposition for **gaming** enthusiasts in India - Vi Games on the Vi App - in partnership with Nazara Technologies, an India based diversified **gaming** and sports media company. Through this deep-integrated association, Vi customers will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

Vi Games on the Vi App offers an immersive **gaming** experience with 1200+ android and HTML5 based mobile games across 10 popular genres like - Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

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Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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HD Vi forays into gaming industry

WC 223 words

**PD** 14 March 2022

SN UNI (United News of India)

SC UNNIND LA English

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LP

Mumbai, March 14 -- Telecom operator Vodafone Idea on Monday said it has partnered with Rakesh Jhunjhunwala-backed Nazara Technologies, a diversified **gaming** and sports media company, to make a foray into the **gaming** industry.

Through this partnership, Vi will get access to a wide range of **gaming content** including popular game titles from various franchises in India on its **gaming platform** - Vi Games.

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"This partnership is our first leap and foray into the world of gaming. We will be rolling out a range of propositions that we are building with Nazara Technologies," Vodafone Idea Chief Marketing Officer Avneesh Khosla told reporters here.

The company did not disclose any financial details.

Gaming is one of the biggest segments amongst the entertainment category, estimated to cross 500 million users within 2022 in India, as per a FICCI-EY report.

Commenting on the partnership, Nazara Technologies Founder and Group MD Nitish Mittersain said: "Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day."

**UNI PSK MR** 

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PUB United News Of India

AN Document UNNIND0020220314ei3e0035x



SE Telecom

HD Vodafone Idea Enters Mobile Gaming Market With Vi Games Service

BY Jagmeet Singh

WC 580 words

**PD** 14 March 2022

**ET** 09:03

SN NDTV

SC NDTVIN

LA English

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LP

Vodafone Idea on Monday launched its **gaming** service that is available in partnership with mobile **gaming** company Nazara Technologies. Called Vi Games, the service is claimed to offer more than 1,200 Android and HTML5 based mobile games across 10 genres directly through the Vi app. **Gaming** titles on Vi Games are available to both prepaid and postpaid subscribers. While some games are available under a subscription model, Vodafone Idea is also offering over 250 free games on the **platform** for all its customers.

Vi Games brings mobile games based on genres, namely Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports, and Strategy. There are also games based on Disney cartoons and movies, such as Big Hero 6 Bot Fight, Castle of Illusion, Ducktales Remastered, and Disney Kickoff, among others.

TD

<u>Vodafone Idea</u> is offering gaming content in three distinct categories: Platinum Games, Gold Games, and Free Games.

Gold Games are available through a Gold Pass that brings 30 gaming titles at Rs. 50 for postpaid users and Rs. 56 for prepaid users — for a validity of 30 days. Platinum Games, on the other hand, will be available on pay per download basis through a Platinum Pass at Rs. 25 for postpaid and Rs. 26 for prepaid users. However, Free Games are available as free-to-download titles through the Vi app.

Gradually, Vodafone Idea is planning to grow the Vi Games proposition with social gaming and e-sports. The prime aim of the new service appears to enhance the average revenue per user (ARPU) and stay relevant in the competition against <u>Airtel</u> and <u>Jio</u>.

"We are seeing a significant uptake of gaming consumption in India with more than 95 percent of gaming enthusiasts using the mobile device to enjoy a wide variety of content," said Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, in a press statement. "We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers."

At present, Vi Games does not seem to bring any popular titles to play for mobile gamers. The operator, though, claimed that it offers a wide range of gaming content from various franchises in India.

Gaming is indeed getting bigger in the country, with an estimation to cross over 500 million users in 2022 alone, as per a report by FICCI-EY. A separate report by market consulting firm Niko Partners forecast that India's PC and mobile gaming revenue is projected to reach nearly \$1.5 billion (roughly Rs. 11,500) in 2025.

Vodafone Idea is currently <u>facing losses and struggling to add new subscribers</u> for the last some months. The telco, however, seems to be trying to improve its position and attract new customers by using content.

Last year, Vodafone Idea<u>integrated the Vi Movies and TV app</u> within the Vi app to start offering music and videos through its primary app. The operator also <u>partnered with Hungama Music</u> in December to offer free access to songs, music, and videos to both prepaid and postpaid users. What should you know about MWC 2022? We discuss this on <u>Orbital</u>, the Gadgets 360 podcast. Orbital is available on <u>Spotify</u>, <u>Gaana</u>, <u>JioSaavn</u>, <u>Google Podcasts</u>, <u>Apple Podcasts</u>, <u>Amazon Music</u> and wherever you get your podcasts.

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### **Business Today**

HD Vi partners with Nazara Technologies to bring over 1,200 games on its app

WC 573 words

**PD** 14 March 2022

SN Business Today Online

SC BTDYON
LA English

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LP

Telecom major Vodafone Idea Limited (Vi), on Monday, announced the launch of 'Vi Games' on the Vi App, in partnership with the homegrown **gaming** and sports media company Nazara Technologies Limited, for **gaming** enthusiasts in India.

According to a FICCI-EY report, **gaming** is among one of the biggest segments in the entertainment category and is estimated to cross 500 million users within 2022 in the country. The **gaming** segment is also the most popular choice for fun and relaxation by Indian consumers and is expected to garner even higher share and money spent by users over the next few years.

TD

The telecom provider, in a statement, said, "Through this deep-integrated association, Vi customers will get access to a wide range of gaming content including popular game titles from various franchises in India on its gaming platform - Vi Games."

Avneesh Khosla, Chief Marketing Officer, Vodafone Idea, while inviting Vi consumers to Vi Games, said, "We are seeing a significant uptake of gaming consumption in India with more than 95% of gaming enthusiasts using the mobile device to enjoy a wide variety of content... We see gaming as a major focus area of our digital content strategy and we intend to build a comprehensive play encompassing most facets of gaming with the aim of establishing Vi as a preferred destination for both, casual as well as serious gamers."

In India, the average time spent by consumers on online gaming is over 4 hours, indicated a report titled 'Digital Reset: Touching a billion Indians' by Deloitte and Confederation of Indian Industry (CII)Confederation of Indian Industry (CII).

"Our partnership with Nazara Technologies will elevate the gaming experience that we offer to our consumers through a wide bouquet of exclusive games available on the Vi app for our users," Khosla further added.

Nitish Mittersain, Founder & Group MD, Nazara Technologies, said, "Gaming is not only the future of entertainment in India but already a key mode of entertainment for hundreds of millions of Indians playing games on their mobile phones every day. Nazara is delighted to work with Vi to bring our entire portfolio of gaming content, esports and interactive entertainment to their larger user base."

Vodafone Idea Limited, Aditya Birla Group and Vodafone Group partnership firm, also revealed that the newly launched service Vi Games on the Vi App will offer a gaming experience with more than 1200 android and HTML5 based mobile games across genres like Action, Adventure, Arcade, Casual, Education, Fun, Puzzle, Racing, Sports and Strategy.

Initially, the Vi Games proposition will have casual gaming content and gradually be developed to host social gaming and eSports in the future.

Vi Games' gaming content can be divided into 3 categories -

Platinum Games: This category would be available on pay per download basis through a Platinum Pass priced at Rs 25 and Rs 26 for postpaid and prepaid users, respectively. Gold Games: This tier will have the largest base of content library and can be accessed through a Gold Pass, which will offer 30 games for a validity of 30 days, for Rs 50 for postpaid and Rs 56 for prepaid users. Free Games: Post-paid users with plans worth Rs 499 or more will be offered 5 free gold games every month. In addition to this, the company will also host over 250 free games on the platform for all its customers.

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### THE ECONOMIC TIMES

SE Companies

HD Telcos Seek Easier Pay Terms in 5G Auctions

WC 678 words
PD 12 March 2022

**SN** The Economic Times - Delhi Edition

SC ECTDEL

LA English

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LP

Want adequate supply of 5G airwaves at affordable rates in the auctions

New Delhi: Telecom sector leaders are counting on the regulator and the government to ensure easier payment terms for 5G spectrum in the upcoming auctions.

TD

They have also underlined the criticality of fast-track fiberisation of tower networks as India braces to roll out 5G later this year.

"The industry is expecting easier payment terms such that financial stress is neither aggravated nor does it nullify the liquidity support provided by the government with the (recent) reforms package," Vodafone Idea managing director Ravinder Takkar said on the second day of ET Telecom's 5G Congress 2022.

Last week, Vi's board cleared a plan to raise `4,500 crore from promoters Vodafone UK and India's Aditya Birla Group via a preferential allotment and an extra `10,000 crore from external investors, to take on Reliance Jio and Bharti Airtel and participate in the upcoming 5G spectrum auction.

Bharti Enterprises vice chairman Akhil Gupta called for a comprehensive augmentation of the country's optic fibre resources to enable the targeted 80-85% fiberisation of towers required for 5G networks to handle a likely massive surge in data traffic.

The government has been pushing the Telecom Regulatory Authority of India (Trai) Telecom Regulatory Authority of India (Trai) to send its 5G spectrum pricing recommendations by the end of this month so that it can hold the auction in May. It wants initial 5G rollouts by August 15.

Takkar said India's upcoming 5G rollouts are happening "at the right time" as the market and overall ecosystem is maturing. He, however, reiterated the industry's demand for adequate supply of 5G airwaves at affordable rates in the upcoming sale.

He said that "it's imperative each operator gets adequate spectrum at a significantly lower pricing than present levels".

The recent 5G trials, he said, had also proven that higher data speeds, low latency and reliability of the next-generation mobile broadband technology have the potential to hugely boost performance of businesses, revolutionise customer experience, change consumer lifestyles and positively impact rural Indians.

Bharti's Gupta urged the government to take "policy decisions quickly and (issue) necessary guidelines before it's too late" as 5G infrastructure needs would be of a very different magnitude than 4G.

"5G will need hundreds of thousands of small cells due to the nature of spectrum used, and these small cells will have to be practically 100% on fibre from Day 1, which is why there will have to be a big augmentation of interstate, intra-state and intra-city optic fibre networks," Gupta said at the event.

The government has earmarked a mix of mid-band airwaves in the 3.3-3.67 Ghz range, millimetre waves (26/ 28 Ghz) and key sub-Ghz bands such as 600 Mhz and 700 Mhz for 5G services.

The 5G ecosystem in India had become "broader and deeper as technology companies, especially startups and SMEs are working hard to develop indigenous 5G technologies and services," said AK Tiwari, member, Digital Communications Commission (DCC), the highest decision-making body in the Department of Telecommunications (DoT).

"The DoT-funded 5G testbed is almost ready to offer 5G testing services for technology and use-case companies...it will be accessible to all at an affordable cost, mainly for startups and SMEs," Tiwari said.

Vi's Takkar said that "startups would have a significant play in the whole 5G ecosystem."

Vi is working with a host of innovative startups to build propositions for Industry 4.0, smart cities and smart citizens alike, he added.

Tata Consultancy Services' chief operating officer NG Subramaniam said there was a need to "encourage and steer investments in R&D across the various dimensions of networks, radios, antennae, computers, storage systems and experiential applications".

He said "an aligned vision for the future of 5G and 6G technologies" in terms of outcomes with cross coverage, capacity, experience, trust and security should be the top priority.

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## Business Line

SE VARIETY

HD NIXI asks TRAI to mandate telcos to join internet exchanges

WC 462 words

**PD** 12 March 2022

SN BusinessLine (The Hindu)

SC BSNLNE
LA English

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LP

Mumbai, March 11 VARIETY

The National Internet Exchange of India (NIXI) has written to TRAI asking that both telecom service providers and internet service providers mandatorily connect to at least one internet exchange point. This comes after the regulator noted that while a wide distribution of internet exchange points (IXPs) is needed for the entire internet **ecosystem** and to encourage broadband penetration in India, the proliferation of IXPs remains poor.

TD

However, telecom operators Vodafone Idea, Bharti Airtel and Reliance Jio disagreed with NIXI, stating that telecom service providers (TSPs) and internet service providers (ISPs) should be given the freedom to choose which IXP to join.

Private internet exchange ExtremelX said that while it is integral for TSPs to connect with IXPs, instead of a mandate, the industry must understand why TSPs choose not to join internet exchanges. Once the issues are rectified, TSPs would naturally be induced to join.

TRAI, in a consultation paper, noted that service providers in India prefer to establish their peering facilities at competing exchanges, or within ISPs, against the national internet exchange NIXI. As a result of this, NIXI carries less data traffic than its global counterparts which are an integral part of their respective internet infrastructure. For the internet exchange ecosystem overall, the regulator noted that proliferation of IXPs still remains low, and concentrated in specific cities.

Consequently NIXI has asked the regulator that TSPs/ISPs be mandated to interconnect to at least one IXP in an LSA (link-state advertisement).

"Peering with IXPs is expected to reduce connectivity charges and latency. IXPs also develop an internet ecosystem, thereby increasing the digital economy."

Telcos oppose move

Telecom operators, on the other hand, remain unanimous in their argument that they should not be mandated to connect to internet exchanges.

"Interconnect choice should be given to TSPs/ISPs. While doing so, they will have flexibility to select IXP based on traffic volumes and technical and commercial factors, as well as enhancing consumer experience. Mandating interconnection at LSA level will bring in inherent inefficiencies into the ecosystem," said Vodafone Idea

Bharti Airtel chimed in with, "We believe that there should not be any mandate to connect at exchange as it is a decision of ISP how it wants to peer with other ISPs. Presently, the market has grown substantially on its own; therefore, we see no reason for any mandate on interconnecting at exchanges."

It said that peering decisions should be driven as per operational requirements.

"While IXPs should allow non-discriminatory access to all ISPs and other players, it should also be left to ISPs to decide which IXPs they intend to join. This will create healthy competition between IXPs and allow growth of efficient IXPs." said Jio.

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### THE ECONOMIC TIMES

SE Telecom Policy

HD Telcos seek easier pay terms in 5G auctions

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LP

New Delhi: Telecom sector leaders are counting on the regulator and the government to ensure easier **payment** terms for 5G spectrum in the upcoming auctions. They have also underlined the criticality of fast-track fiberisation of tower networks as India braces to roll out 5G later this year. "The industry is expecting easier **payment** terms such that financial stress is neither aggravated nor does it nullify the liquidity support provided by the government with the (recent) reforms package," Vodafone Idea managing director Ravinder Takkar said on the second day of ET Telecom's 5G Congress 2022. Last week, Vi's board cleared a plan to raise 4,500 crore from promoters Vodafone UK and India's Aditya Birla Group via a preferential allotment and an extra 10,000 crore from external investors, to take on Reliance Jio and Bharti Airtel and participate in the upcoming 5G spectrum auction. Bharti Enterprises vice chairman Akhil Gupta called for a comprehensive augmentation of the country's optic **fibre** 

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resources to enable the targeted 80-85% fiberisation of towers required for 5G networks to handle a likely massive surge in data traffic. The government has been pushing the Telecom Regulatory Authority of India (Trai) Telecom Regulatory Authority of India (Trai) to send its 5G spectrum pricing recommendations by the end of this month so that it can hold the auction in May. It wants initial 5G rollouts by August 15. Takkar said India's upcoming 5G rollouts are happening "at the right time" as the market and overall ecosystem is maturing. He, however, reiterated the industry's demand for adequate supply of 5G airwaves at affordable rates in the upcoming sale. He said that "it's imperative each operator gets adequate spectrum at a significantly lower pricing than present levels". The recent 5G trials, he said, had also proven that higher data speeds, low latency and reliability of the next-generation mobile broadband technology have the potential to hugely boost performance of businesses, revolutionise customer experience, change consumer lifestyles and positively impact rural Indians. Bharti's Gupta urged the government to take "policy decisions quickly and (issue) necessary guidelines before it's too late" as 5G infrastructure needs would be of a very different magnitude than 4G."5G will need hundreds of thousands of small cells due to the nature of spectrum used, and these small cells will have to be practically 100% on fibre from Day 1, which is why there will have to be a big augmentation of inter-state, intra-state and intra-city optic fibre networks," Gupta said at the event. The government has earmarked a mix of mid-band airwaves in the 3.3-3.67 Ghz range, millimetre waves (26/28 Ghz) and key sub-Ghz bands such as 600 Mhz and 700 Mhz for 5G services. The 5G ecosystem in India had become "broader and deeper as technology companies, especially startups and SMEs are working hard to develop indigenous 5G technologies and services," said AK Tiwari, member, Digital Communications Commission (DCC), the highest decision-making body in the Department of Telecommunications (DoT). "The DoT-funded 5G testbed is almost ready to offer 5G testing services for technology and use-case companies...it will be accessible to all at an affordable cost, mainly for startups and SMEs," Tiwari said. Vi's Takkar said that "startups would have a significant play in the whole 5G ecosystem."Vi is working with a host of innovative startups to build propositions for Industry 4.0, smart cities and smart citizens alike, he added. Tata Consultancy Services' chief operating officer NG Subramaniam said there was a need to "encourage and steer investments in R&D across the various dimensions of networks, radios, antennae, computers, storage systems and experiential applications". He said "an aligned vision for the future of 5G and 6G technologies" in terms of outcomes with cross coverage, capacity, experience, trust and security should be the top priority.

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HD Nokia rumoured to replace Huawei in Vodafone Idea's network

**BY** by Harry Baldock, Total Telecom

WC 536 words

**PD** 11 March 2022

SN Total Telecom Plus

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With fears over network security ever-present, Vodafone Idea (now Vi) is reportedly in discussions with Nokia to replace the Huawei 4G radio equipment currently in its network

Back in 2020, buoyed by an international campaign led by then-President Donald Trump, numerous countries around the began to ban Huawei from their telecoms networks to various degrees, citing national security fears. Countries adopting this hard-line approach include the US, UK, Japan, Australia, and New Zealand, most of which have plans to phase out any existing Huawei equipment from their networks over the next decade.

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Far more countries, however, have decided to take a more indirect route to tackling the issue of untrusted vendors, with most countries rejecting outright bans on companies like Huawei and ZTE in favour of increased regulation.

India too falls into this category. In summer last year, India's Ministry of Communications gave permission for telcos to begin running 5G trials with a select list of vendors from which Huawei and ZTE were notably absent. This is tied to new procurement rules introduced for the sector last year, which limits the equipment operators may deploy to that approved by a specially appointed National Cyber Security Coordinator (NCSC).

Though not quite the infamous US Entity list, which bans all equipment from listed vendors, this measure is nonetheless close to operating as a de facto ban for Chinese equipment suppliers in India.

India is planning its first 5G auction to take place later this year.

Now, reports suggest that Vodafone Idea is in discussions with Finnish vendor Nokia to replace the company's existing Huawei 4G RAN equipment.

According to a report from Reuters, the deal will see Nokia deploy 12,000 5G-ready radio sites and 4,000 small cells in Delhi.

Operators in other markets around the world, such as BT in the UK and Orange in Belgium, have conducted similar swaps of Huawei equipment for Nokia's in recent years.

The replacement process for Vodafone Idea could reportedly start next month.

Huawei has continuously denied that it represents a security risk, saying that it is complying with all relevant regulations surrounding telecoms security. In some countries, like Sweden and Estonia, the Chinese vendor has event launched legal challenges against their exclusion from national networks, claiming that they are being discriminated against on the basis of their country of origin.

Huawei also supplies equipment to Vodafone Idea's rival Bharti Airtel, alongside Ericsson. Airtel has not yet announced if it will look to swap out Huawei from its own networks.

India's largest telco, Reliance Jio, does not use Huawei equipment in its networks.

In related news, Vodafone Idea earlier this year converted all of the debt it owes the Indian government into equity, equating to a roughly 35.8% stake.

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# BusinessLine

SE Info-tech

HD NIXI asks TRAI to mandate telcos to join any internet exchange

BY Ayushi Kar

WC 634 words

**PD** 11 March 2022

SN BusinessLine Online

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LA English

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The National Internet Exchange of India (NIXI) has written to the Telecom Regulatory Authority of India, asking that both telecom service providers and internet service providers mandatorily connect to at least one internet exchange point. This comes after the regulator noted that while a wide distribution of internet exchange points (IXPs) is needed for the entire internet ecosystem and to encourage broadband penetration in India. the proliferation of IXPs remains poor.

However, telecom operators Vodafone Idea, Bharti Airtel and Reliance Jio disagreed with NIXI, stating that telecom service providers (TSPs) and internet service providers (ISPs) should be given the freedom to choose which IXP to join, and must do so on their own accord.

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Private internet exchange ExtremelX said that while it is integral for TSPs to connect with IXPs, instead of a mandate, the industry must understand why TSPs choose not to join internet exchanges. Once the issues are rectified, TSPs would naturally be induced to join.

Low proliferation of IXPs

Unlike the rest of the globe, where internet exchanges are an integral part of the internet infrastructure, telecom operators in India continue to not be reliant on internet exchanges such as NIXI, ExtremelX and DEC-IX. In its consultation paper, Regulatory Framework for Promoting Data Economy Through Establishment of Data Centres, Content Delivery Networks, and Interconnect Exchanges in India, TRAI noted that especially in the case of India's national internet exchange NIXI, there has been resistance amongst service providers against joining the exchange, preferring instead to establish their peering facilities at competing exchanges, or within ISPs. As a result of this, NIXI carries less data traffic than its global counterparts. For the internet exchange ecosystem overall, the regulator noted that proliferation of IXPs still remains low, and concentrated in specific cities.

Consequently NIXI has asked the regulator that TSPs/ISPs be mandated to interconnect to at least one IXP in an LSA (link-state advertisement).

"Peering with IXPs is expected to reduce connectivity charges and latency, which ensures a quality broadband to end consumers. IXPs also develop an internet ecosystem promoting development of various internet-related activities, thereby increasing the digital economy."

BusinessLine had earlier reported that NIXI had plans to add 16 additional exchanges after remaining stagnant at 8-9 exchanges for the past decade.

Telcos on the other hand remain unanimous in their argument that they should not be mandated to connect to internet exchanges.

"Interconnect choice should be given to TSPs/ISPs. While doing so, TSPs/ISPs will have flexibility to select IXP of their choice based on traffic volumes and technical and commercial factors, as well as enhancing consumer experience. The cost of encouraging IXPs at State level should not be counter subsidised through TSPs by mandating interconnection at LSA level as it will bring in inherent inefficiencies into the ecosystem," said Vodafone Idea.

Bharti Airtel chimed in with, "We believe that there should not be any mandate to connect at exchange as it is a decision of ISP how it wants to peer with other ISPs. Presently, there is no mandate on peering arrangement between ISPs and the market has grown substantially on its own; therefore, we see no reason for any mandate on interconnecting at exchanges."

It said that peering decisions should be driven as per operational requirements.

"While IXPs should allow non-discriminatory access to all ISPs and other players, it should also be left to ISPs to decide which IXPs they intend to join. This will create healthy competition between IXPs and allow growth of efficient IXPs," said Jio.

Telcos resistance of a mandate to join internet exchanges is extremely important given that they (Reliance Jio and Bharti Airtel) hold a sizeable chunk of the broadband consumer base.

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HD Vodafone Idea in talks for Nokia to replace Huawei equipment on parts of its network - report

WC 175 words

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Vodafone Idea may have Nokia replace Huawei 4G radio equipment from parts of its network in India, Reuters reported, with sources saying this could be one of the largest swap deals for the Finnish company. Nokia has replaced equipment for BT, Orange Belgium and Proximus. Deployment in India could start next month.

If the deal goes through, Nokia will deploy 12,000 5G-ready radio sites and 4,000 small cells on Vodafone Idea's network in Delhi, the sources said. The equipment will allow Vodafone Idea to manage 2G, 3G, 4G and 5G networks from the same **platform** 

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Both Huawei and Nokia declined to comment on the report.

Though India has not banned Huawei, the country has not named Chinese companies, including Huawei, among the list of approved suppliers for carrying out 5G trials. India is expected to auction 5G spectrum later this year.

Huawei supplies telecom equipment to both Vodafone Idea and Bharti Airtel, which also has Ericsson among its suppliers.

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SE Corporate

HD DSP Arbitrage Fund - Direct Plan: change in investment factsheets for February 2022

WC 178 words

**PD** 10 March 2022

SN Dion News Service

SC RTNSIN

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DSP Arbitrage Fund - Direct Plan has announced change in **investment** factsheets and fund flash for the month ended February 28, 2022.

As on Feb 28, 2022, the total size of the Fund was Rs 1,684.49 crores, compared with Rs 1,799.05 crores in the last month. The Fund's NAV per unit was Rs 12.45 for Growth, while 52-Week High and Low ranges were Rs 12.46 and Rs 11.94 respectively.

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The Equity - Hybrid fund with Growth plan was launched on Jan 15, 2018 and managed by Fund Managers Kedar Karnik, Aayush Ganeriwala.

The top five companies based on a percentage of total holdings were Adani Enterprises Limited (75.97 Cr.), Adani Ports and Special Economic Zone Limited (69.16 Cr.), Vodafone Idea Limited (58.76 Cr.), Reliance Industries Limited (56.57 Cr.) and Bajaj Finance Limited (50.85 Cr.).

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HD Telcos to opt for hybrid model for 5G network rollout

BY Kiran Rathee
WC 641 words
PD 10 March 2022
SN Financial Express

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Telecom operators are looking at rolling out their 5G networks through a hybrid model, with equipment sourced from both vendors like Nokia, Ericsson and Samsung as well as players in the emerging area called open RAN. Mavenir, Cisco, TCS, Intel etc operate in the open RAN segment, which is a system integrator model. Operators feel that the use of open or virtualised radio networks (RAN) reduces costs and enhances productivity.

According to some estimates, 5G deployments that leveraged open RAN saw capex savings of as high as 49%, while some studies project average savings for **cloud** network deployments to be 37% over a five year period. Additionally, O-RAN will allow service providers to offer a plethora of new **cloud**-delivered services to enterprises and end-consumers, reduce their time-to-market, and create new revenue streams.

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Bharti Airtel, which is also doing a 5G trial with open RAN provider Mavenir in Punjab circle, has found the results very encouraging. Reliance Jio and Vodafone Idea too have done several tests and trials around open RAN in the past with good results.

Usually, radio access network (RAN), which includes base station and antennas, makes up for the majority of the network cost. Since open RAN enables telecom service providers to diversify supply chains, and bring in unprecedented levels of interoperability and agility, capex can be brought down drastically.

But as the open RAN technology is yet to be tested fully, it will take a couple of years for the operators to deploy it at macro level or pan-India basis. As per officials in various telecom firms, at the initial rollout of 5G networks, traditional vendors will be utilised but over the next 2-3 years, the share of open RAN will increase by as much as 50%. "5G is going to be software driven and open RAN gives much more flexibility to an operator to plan its network. Gone are the days of proprietary end-to-end network of any vendor," said an executive with one of the telecom firms.

The government too supports open networks as it gives an opportunity to local firms to make some components of telecom network. Earlier, because of proprietary networks, it was difficult for Indian firms to enter into telecom equipment space but with open RAN, there will be opportunities for local firms to manufacture equipment.

Last year, Bharti Airtel had announced collaboration with TCS for implementing made in India 5G open RAN solution for its rollout. Airtel is a board member of O-RAN alliance and is committed to explore and implement open RAN based networks in India. Similarly, Reliance Jio is testing a home-made 5G solution as part of the 5G trials.

According to a recently published report by Dell'Oro Group, preliminary findings suggest that on a global basis total open RAN revenues remained on the upside both in 2020 and during 2021, bolstering the thesis that open RAN is here to stay and the architecture will play an important role before 6G. As per the report, open RAN revenues are expected to account for around 15% of the overall 2G-5G RAN market by 2026, reflecting healthy traction in multiple regions with both basic and advanced radios.

"The Asia Pacific region is dominating the open RAN market in this initial phase and is expected to play a leading role throughout the forecast period, accounting for more than 40% of total 2021-2026 revenues." the report highlighted.

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## Business Line

SE Today's Paper

HD Net neutrality debate resurfaces as telcos clash with big tech firms

WC 428 wordsPD 7 March 2022

SN BusinessLine (The Hindu)

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Mumbai, March 6 Today's Paper

The net neutrality debate has resurfaced with telecom operators, including Reliance Jio and Vodafone Idea, backing a proposal to regulate **content** delivery networks (CDNs).

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Jio says that CDNs, which were kept out of TRAI's 2017 recommendations on net neutrality, need regulatory re-examination as internet companies start to tie up with specific ISPs to deliver higher quality services to certain groups of customers.

On the other hand, industry bodies such as Nasscom and US India Business Council (USIBC) counter that the CDN market is currently growing and the regulator should adopt a cautious approach.

A CDN refers to a geographically distributed group of servers that work together; internet companies employ CDN services to deliver services faster. In turn, CDN service providers have deals with telecom operators and internet service providers to host servers in their networks. CDNs are used by Internet companies including search engines (such as Google), OTT content providers (Netflix, Hotstar, Amazon Prime), e-commerce companies, and banking and financial companies, among others.

'Unequal playing field'

"Dominant players can dictate terms for interconnection with smaller ISPs, refusing direct peering. Further, large ISP players, who are also in CDN space, can create exclusive tie-ups with large content providers like OTT platforms companies, excluding other players from direct access on equal terms. There is a need to see that the market is not misused to create dominance, hurting the business of smaller players by way of arbitrary demands." said Jio in a letter to TRAI.

"We submit that if the access to CDNs is not on equal terms, the issue of net neutrality may arise whereby customers of preferred players may be provided with better quality services," it said.

Vodafone Idea said the absence of a regulatory framework is affecting the growth of CDN and there is no level-playing field between CDN players and telecom service providers.

'Low entry barrier'

Nasscom countered saying that CDNs represent a constantly evolving, competitive and growing market in India, as is evident both from the diversity of established players (such as Akamai, which listed in 1999) and new players (such as Fastly, which listed in 2019; alongside other content-first companies such as Netflix and Google) active in the market. This is a result of the low entry barrier in the market, which has also driven down prices offered to content providers.

USIBC said TRAI should consider a cautious approach so as to not stifle CDN growth in India.

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# BusinessLine

SE Info-tech

HD Net neutrality debate resurface as telcos clash with big tech on regulating content data networks

BY Ayushi Kar WC 598 words

**PD** 6 March 2022

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The net neutrality debate has resurfaced in the country as telecom operators, including Reliance Jio and Vodafone Idea, are backing a proposal to regulate **content** delivery networks, which are used by global big tech companies to host data locally.

Telecom operators like Jio say that **content** delivery networks, which were kept out of the Telecom Regulatory Authority of India's 2017 recommendations on net neutrality, need regulatory re-examination as internet companies start to tie up with specific ISPs to deliver higher quality services to certain groups of customers.

TD

On the other hand, industry bodies such as the National Association of Software and Services Companies (NASSCOM) and US India Business Council (USIBC) counter stating that the CDN market is currently growing and regulator should adopt a cautious approach.

What are content delivery networks

A content delivery network (CDN) refers to a geographically distributed group of servers that work together to provide fast delivery of Internet content. Thus, internet companies will employ CDN services to deliver services faster. In turn, CDN service providers have deals with telecom operators and internet service providers to host servers in their networks. CDNs are used by all types of Internet companies including search engines (such as Google) OTT content providers (Netflix, Hotstar, Amazon Prime), e-commerce companies, banking and financial companies, among others. Page loading time has a direct impact on advertising and e-commerce revenues for any web-based service, which is why there is a vibrant market for the CDN services.

Reliance Jio has taken a view that the market for interconnection of ISPs and CDN needs to be regulated while it is at an nascent stage. "Dominant players can dictate terms for interconnection with smaller ISPs refusing them direct peering. Further large ISP players, who are also in CDN space, can create exclusive tie-ups with large content providers like OTT platforms companies, excluding other players from direct access on equal terms. There is a need to see that the market is not misused to create dominance, hurting the business of smaller players by way of arbitrary demands. Such a market may require regulatory interventions." said Jio in a letter to TRAI.

"We submit that if the access to CDNs is not on equal terms, the issue of net neutrality may arise whereby customers of preferred players may be provided with better quality CDN services" Jio said, which is why it asks for the examination of contractual agreements between ISPs and CDNs and the TRAI should conceptualise a regulatory framework to avoid possibility of any anti-competitive practices and violation of net neutrality principles.

Vodafone Idea has also told TRAI that the absence of a regulatory framework for CDNs is affecting the growth of CDN in India and also, creating a non-level playing field between CDN players and telecom service providers.

Industry body NASSCOM countered saying, that at present CDNs represent a constantly evolving, competitive and growing market in India is evident both from the diversity of established players (such as Akamai, which listed in 1999) and new players (such as Fastly, which listed in 2019; alongside other

content-first companies such as Netflix and Google) active in the market. This is as a result of the low entry barrier in the market, which has also driven down prices offered to content providers.

USIBC also chimed in stating that in absence of any market failures, TRAI should consider a cautious approach so as to not stifle CDNs growth in India.

- idcell: Vodafone Idea Ltd | nsffvp: National Association of Software and Service Companies | rjioil: Reliance Jio Infocomm Limited | trauth: Telecom Regulatory Authority of India | usibco: U.S.-India Business Council | ratel: Vodafone Group Plc | rti: Reliance Industries Ltd
- **IN** i7902 : Telecommunication Services | i79022 : Wireless Telecommunications Services | i7902202 : Mobile Telecommunications
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HD Vodafone Idea informs about press release

WC 77 words

PD 5 March 2022 SN Accord Fintech

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India, March 5 -- Vodafone Idea has informed that enclosed copies of the newspaper advertisement published today with respect to completion of dispatch of notice of Extraordinary General Meeting. The above information is a part of company's filings submitted to BSE.

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CT For any query with respect to this article or any other content requirement, please contact Editor at contentservices@htlive.com

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HD Vodafone to infuse Rs 3,375 crore in Vodafone Idea

WC 138 wordsPD 5 March 2022

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India, March 5 -- Promoter Vodafone is planning to infuse up to Rs 3,375 crore into debt-ridden Vodafone Idea as part of the company's proposed raising of funds worth Rs 14,200 crore. Besides Vodafone, Aditya Birla Group plans to pump in up to Rs 1,125 crore. Vodafone Idea is an Aditya Birla Group and Vodafone Group partnership. It is developing world-class infrastructure to introduce newer and smarter technologies, making both retail and enterprise customers future ready with innovative offerings conveniently accessible through an ecosystem of digital channels as well as extensive on-ground presence.

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## THE ECONOMIC TIMES

SE Front Page

HD Vi may Get to Spend Only25% of `4.5kcr on Capex Future Moves High Court Against Ruling

BY Kalyan.Parbat@timesgroup.com

WC 530 wordsPD 5 March 2022

**SN** The Economic Times - Bangalore Edition

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#### PROMOTER INFUSION TO BOOST EXTERNAL **FUNDING** PLAN

Analysts believe current funding by promoters will have a negligible impact on telco's leverage ratio BID TO SELL STAKE IN INSURANCE ARM TO JV PARTNER

TD

ET ANALYSISKolkata: Vodafone Idea (Vi) might be able to use only around a quarter of the `4,500-crore fresh funds infusion by its promoters - Vodafone UK and India's Aditya Birla Group - for financing its capital expenditure, although promoter commitments should give other investors sufficient confidence to participate in the telco's proposed `10,000-crore external fund-raising.

Analysts believe, however, that capital infusion by the promoters will have a negligible impact on the telco's leverage ratio. To be sure, they are of the opinion that Vi needs a much bigger dose of equity financing to be able to invest at least `20,000 crore on its network in the next couple of years to improve competitiveness, arrest subscriber losses, and drive growth in average revenue per user (ARPU).

"The equity infusion is inadequate (as) effectively, only 25% of the `4,500 crore infusion from promoters, representing ABG's share of `1,125 crore, would be available unencumbered to Vi as almost the entire infusion from Vodafone Plc ( `3,375 crore) will be used to clear Vi's existing overdue balance with Indus Towers," Credit Suisse said in a note. Future Enterprises has approached high court to challenge a lower court ruling temporarily restraining it from selling its stake in Future Generali India Insurance to its JV partner Generali. Maulik Vyas& Saloni Shukla report. The Vi board on Thursday cleared a plan to raise `4,500 crore from its promoters via a preferential allotment and an additional `10,000 crore from external investors as the cash-strapped telco tries to revive operations and take on Jio and Airtel. The telco will seek shareholder approval for raising up to `14,500 crore as well as increasing its authorised share capital to `75,000 crore at an extraordinary general meeting (EGM) on March 26.

Shares of Vi climbed 6% during the opening trade Friday morning, but erased gains to close nearly 7% lower at `10.33 apiece on the BSE. The broader market gauge lost 1.4%.

Brokerage IIFL estimates the latest infusion by promoters - `3,375 crore by Vodafone and `1,125 crore by ABG - will alter the stakes of the UK major and the Indian conglomerate to 47.6% and 27.4%, respectively, from 44.39% and 27.66%, respectively.

IIFL Securities added the sum left for Vi to invest in its network from the latest equity infusion would be only Rs 1,000-2,000 crore.

"Considering Vi's current net debt of `1.97 lakh crore (30.5x leverage ratio),

the deleveraging would be miniscule, and the ability to raise the annualised capex rate from the current `4,000 crore would be limited," IIFL Securities said.

It said Vi needs significantly higher equity infusion and ARPU improvement to boost competitiveness.

FOR FULL REPORT, GO TO www.economictimes.com

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BY Kalyan.Parbat@timesgroup.com

WC 228 wordsPD 5 March 2022

SN The Economic Times - Kolkata Edition

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| Source        | All Sources  |
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