linknet

PT Link Net Tbk FY21 Company Presentation



Definitions

Home Passed

- A home is classified as a 'home passed' where we have physically rolled our network passed the curb of the home. This is the clearest and most accurate and genuine way to define a 'home passed'. Any of our homes passed can be connected to our service very rapidly upon signing up to our service.
- Importantly our definition does not mean that a home is within 200-300 meters of a Network Access Point or HFC Port. If we were to use this definition this would expand our homes passed significantly.

Gross Subscribers

Is the number of new subscribers which were added by our sales team in a time period. This does not include the number of accounts which churned (disconnected) out of our service.

Net Subscribers

Is the number of additional subscribers to our service after deducting those subscribers which have churned (disconnected).

Backbone

- Cables that carry aggregation traffic from Last Mile, consist of:
 - Inner-City Backbone: connecting last mile aggregation
 - Inter-City Backbone: connecting cities
 - Internet Backbone (usually submarine cable for Indonesia): connecting the ISP to the internet.

Last Mile

These are the cables which are connected from the Network Access Point or HFC Node to the home.

Link Net's backbone is completely fiber. The last mile is a mixture of HFC & FTTH. Of our last mile of 2.870 million homes passed, 82% us HFC and 18% is FTTH.

The total length of our cables, backbone and last mile is 34,724kms, of this 18,499kms are fiber and 16,225km are HFC.

Hybrid Fiber Coaxial (HFC)

- Refers to a broadband telecommunications network that combines optical fiber and coaxial cable
- Top Speed Link Net provides via HFC: 1Gbps
- Top theoretical speed with existing technology: 10Gbps

Fiber To The Home (FTTH)

- Is broadband network architecture using optical fiber to provide all or part of the local loop used for
- last mile telecommunications
- Top Speed Link Net provides via FTTH: 1Gbps
- Top theoretical speed with existing technology: 10Gbps

What We Don't Use

Link Net does not use any copper based ADSL technology.



Introduction to Link Net

Link Net – The Gateway to Indonesian Consumer Homes



Note: Company data as of December 2021 unless otherwise stated

a) HSBB refers to High Speed Broadband which is a fixed network capable of providing internet speeds of at least 4Mbps

b) Revenue and EBITDA CAGR over FY2011 to FY2020



Link Net's Footprints

Continuously expanding our coverage to reach more cities in Indonesia



Note: Company data as of December 2021 unless otherwise stated



Indonesia Presents a Massive Internet Opportunity

Large scale economy



Growing affluence



Young demographics



Online penetration



274 million people (a)

4th largest globally ^(a)

US\$1,119 bn GDP(a)



US\$4,284 GDP per capita (a)

5.5% GDP CAGR annually for the next 5 years (b)



58% of population under 30 years of age (c)

Millennials with "Internet lifestyle"



171+ million
Internet users (d) where

59%
Are Actively Using Social Media (d)

Indonesia's large and young population base, growing affluence, and expanding Internet user base are driving the future Internet opportunity

a) Worldometers & World Bank (2021); b) Based on 2019-2024 CAGR. Represents nominal GDP Media Partners Asia (2021); c) CIA World Fact Book (2020); d) Statista (2020)

Only 2 Companies Operate with Scale in the Fixed Broadband Market

Comparison of Key Fixed Broadband Operators in Indonesia (High-Speed Only)

	linknet	Indi H i me	♦ bịan	№ MyRepublic	Biznet	
Homes passed ('000)	2,870 (4 major cities)	c.20,000 (nationwide)	c.1,500	c.1,000	c.1,000	
Subscribers ('000)	~855	~8,300	~305 ~200		~300	
Price for 10-15 Mbps eqv. Product	IDR 297,000 (8Mbps) 129 Channels ^(a) (49 HD + 80 SD + 1 4K)	N/A	N/A	N/A	N/A	
Price for 20-25 Mbps eqv. Product	IDR 451,000 (25Mbps) 164 Channels ^(a) (67HD + 86 SD + 1 4K)	IDR 370.000 (30Mbps) 109 Channels (18 HD + 91 SD)	IDR 369,000 (30 Mbps) 90 Channels (15 HD + 75 SD)	IDR 307,000 (30 Mbps) 63 Channels (23 HD + 42 SD)	N/A	
Price for 30-50 Mbps eqv. Product	IDR 621,500 (50Mbps) 183 Channels ^(a) (83 HD + 99 SD + 1 4K)	IDR 595,000 (50Mbps) 109 Channels (18 HD + 91 SD)	IDR 499.000 (50 Mbps) 90 Channels (15 HD + 75 SD)	IDR 407,000 (50 Mbps) 75 Channels (36 HD + 39 SD)	IDR 575,000 (85 Mbps) 54 Channels (23 HD + 31 SD)	

While a number of companies have entered the fixed broadband market, only 2 companies (Link Net and PT Telkom) currently operate with scale

Source: Company website, company information, Media Partners Asia 2020

Note:

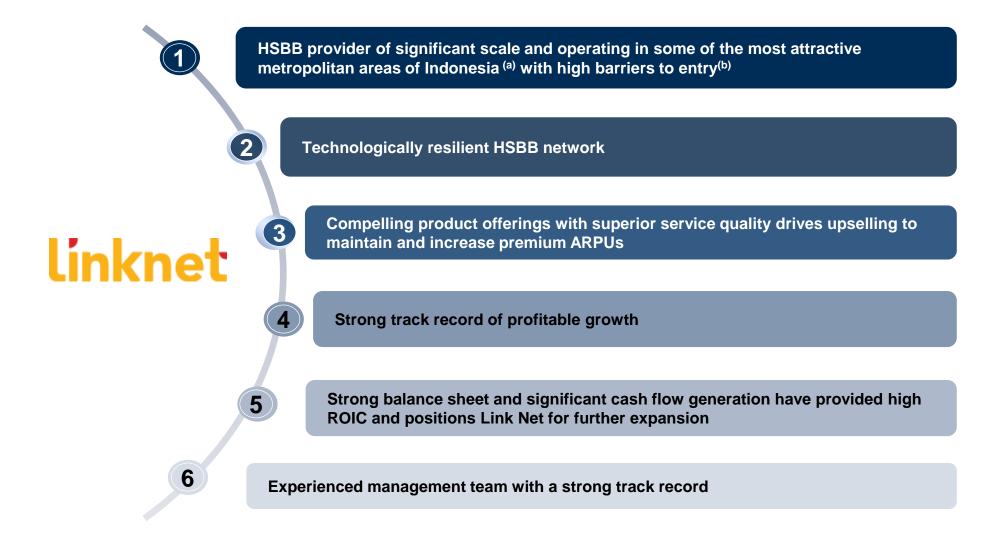
a) Based on equivalent packages with competitors





Key Investment Highlight

Key Investment Highlight



a) Indonesia is one of the most underpenetrated and fastest growing broadband and pay TV markets globally in terms of subscribers out of the top 20 largest global economies. (2018 Media Partners Asia)

b) Media Partners Asia (2018)



Growing ARPU Overtime

Through annual price increase and periodic (quarterly) upselling/cross selling of our customers, we have been able to consistently increase ARPU over time. For example, a customer in Jakarta who started using our service 5 years and was at Rp350k per month, would now be paying Rp532k per month, an increase of 52%. This has been consistent trend in our original 3 network areas.

The growth in ARPU of each selected major cities:

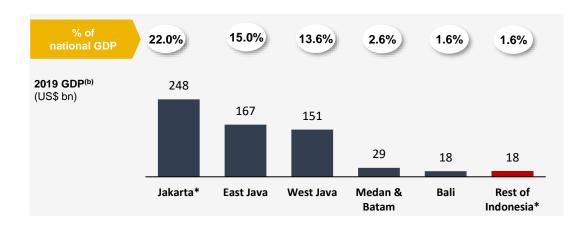
Area	5 Year ARPU Growth
Jakarta	52%
Bandung	59%
Surabaya	51%

The growth of ARPU in newer cities:

Area	ARPU Growth (0-12 Months)	ARPU Growth (13-24 Months)
Medan	10%	43%
Batam	9%	28%
Solo	10%	33%

Overtime, customers demand for data continue to increase. As customers readily use streaming services and video intensive applications, demand for data will continue to grow and thus increase their appetite to upgrade to higher bandwidth packages

Targets Large and Fast Growing Affluent Segment





Total Addressable Homes in Java^{(e) (f)}



- a) Badan Pusat Statistik ("BPS") (2020);
- b) GDP assumes the average USD/IDR exchange rate of 14,200;
- c) Jakarta and Greater Jakarta
- d) Rest of Indonesia figure is the average of the remaining provinces as per BPS excluding Jakarta & Greater Jakarta, East Java and West Java, Medan & Batam and Bali;
- e) Company data:
- f) Potential of 6.6 million homes in middle class in selected Java island

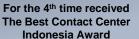


High Barriers to Entry

Strong Brand and Customer Base building brand awareness and sustaining lifetime relationships with customers









For the 3rd time in a row received Indonesia **Content Marketing Awards**



For the 5th time received **Indonesia WOW Brand** Award



For the 3rd time in a row received Service Quality **Award**



Indonesia Customer Experience Award 2020 for Fixed Internet **Broadband & Pay TV**

Categories:

- **Customer Experience**
- **Technology Innovation**
- Digital Media
- **Business Contribution**
- Operations
- People Development
- Employee Engagement

ISO CERTIFICATION

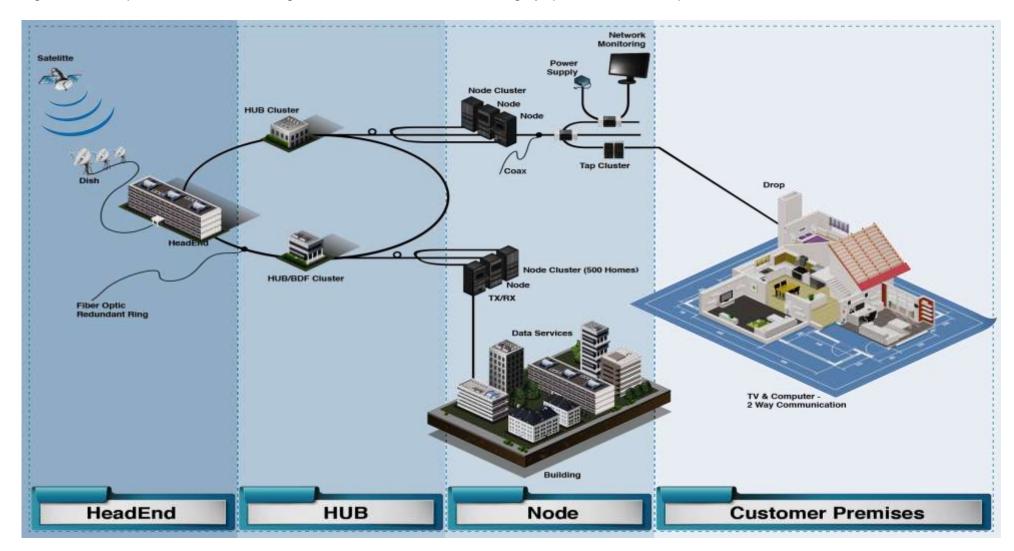
3001.2013	Quality management system
14001:2015	Environmental management system
20000-1:2011	IT Service Management System

27001:2013 Information security management system

High Barriers to Entry (Cont'd)



Human Capital and Technology Management Skills
high level of expertise in network design and architecture as well as highly qualified technical personnel to build the network



Technologically Resilient HSBB Network

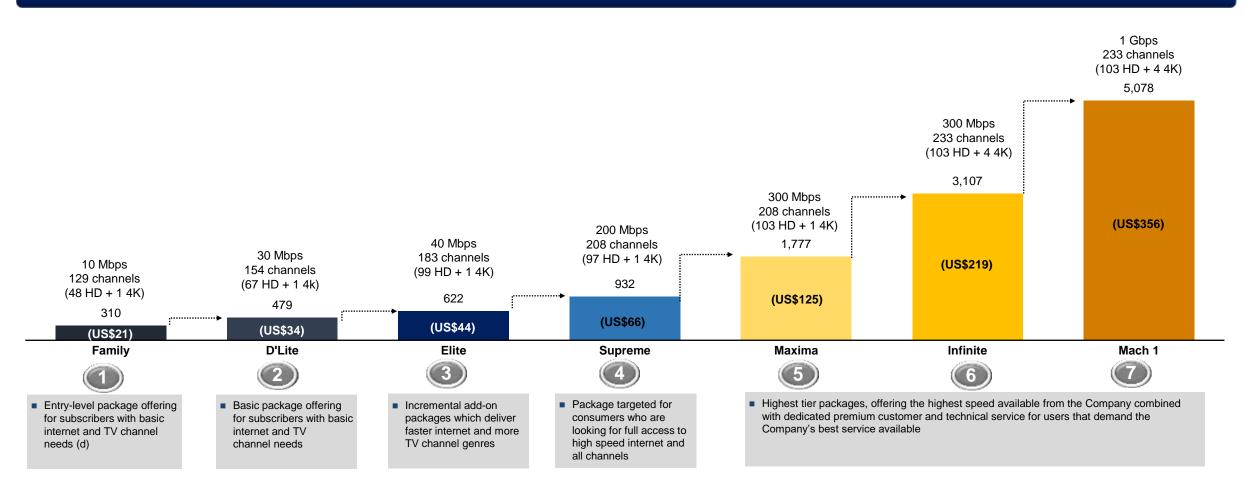
Link Net has Already Completed Most of Its End-to-End Network Infrastructure, Assuring Network Quality and Reducing Future Investment Requirement **International Gateway Inter-city Connection Intra-city Connection** Last Mile Roll-out **Vertically Integrated End-to-end Network Infrastructure** Ultimate Java Backbone 34,724 km of cable network(b) (connecting 45 Cities) 3 international fiber lines / submarine cables providing Jakarta - Merak Cable bandwidth to Singapore 100% proprietary intra-city Substantially self-owned last mile roll-Surabaya Denpasar Cable System B2JS connection in all of the operating out(c) **JSSC** cities Jakarta Surabaya Submarine Cable MCS (planned) **Selective Usage of Third-Party Network for Quality**

Note:

- a) Link Net acquired a 15-year right to use the Ultimate-Java backbone in 2017
- b) Total cable length includes HFC and FTTH as of December 2021
- c) Limited exceptions for certain last mile owned by property developers

Compelling Product Offerings with Superior Service Quality





Note: As of Dec 2021; in IDR'000; FX at IDR14,200 / USD

b) Wireless Docsis 3.0 Modem (previously Docsis 2.0) and HD STB for FAMILY and D'LITE & Wireless Docsis 3.0 Wi-fi Modem and X1 4K STB (previously X1 HD STB) for ELITE. Prices for all packages include First Media X



a) All price is including CPE rental, excluding 10% VAT and add-on channels. Total Link Net channel offering are 240

Experienced Management Team with a Strong Track Record



Marlo Budiman, President Director & Chief Executive Officer

- More than 15 years experience in senior executive roles across various industries including telecommunications and consulting.
- Has had multiple leadership roles and has excelled in growing revenue, cost management, debt restructuring and corporate strategy.
- Holds degrees in finance and real estate from Ohio State University.



Johannes, Chief Financial Officer

- Johannes has more than 20 years of experience across Finance and Audit through various senior executive leadership roles.
- Previous to Link Net, Johannes was a senior finance executive at PT Smart Tbk (Sinarmas Group Company)



Edward Sanusi, Chief Technology Officer & Head of Product

- Over 21 years of experience in managing technology related business models for software development, ISP, Cable TV, social media, and system integration
- Previously Director / CEO in PT Plexis Erakarsa Pirantiniaga



Sutrisno Budidharma, Residential Sales Director

- Over 27 years of extensive experience in leading product sales teams in banking and branch management in the banking sector
- Previously Business Development and Direct Sales Director in Link Net



Tanus Susanto, Supply Chain Director

 oOver 20 years of experience in Finance, Accounting, Tax, Operations and GA in various industries including Telecommunication, Insurance and Retail. Prior to this position, he was the Deputy CFO of PT Link Net Tbk.



Ferliana Suminto, Content Director

- Seasoned leader with more than 23 years of experience in finance, business development, information and communication technology
- Prior to joining Link Net, she was the Chief Financial Officer in PT. Indonesia Media Televisi



- Extensive experience as director of operations and technology roles across high-speed broadband industry over the last 13 years
- Played a pivotal role in developing operations that support Link Net's network



Agus Setiono, New Roll Out Director

- Seasoned leader in operations, marketing in major foreign bank with more than 28 years of experience in technology, media and networks
- Prior to joining Link Net, he was the VP of Card Marketing in Citibank Indonesia



Agung Wiguna, Enterprise Sales Director

- Over 17 years experience in senior leadership positions across telecom, media, and consulting companies, including PT Solusi Tunas Pratama Tbk
- Holds a Masters of Management in Finance and a Bachelor degree in Civil Engineering



Yosafat Hutagalung, Chief of Human Capital

- Over 20 years of experience in various companies with the position of Human Resources Director
- Prior to PT Link Net, he leads numbers of successful Human Resources function in a wide range of industries



Santi Basuki, Marketing Director

- 15 years experience in marketing and customer relationship management
- Currently covers marketing strategic planning for acquisitions, customers portfolio management, and marketing communications





Key Strategies

Four Strategis Growth Pillars



Maintain Expansion Momentum Through Strategic Roll-Out



Potential

- 2.87m homes passed as of December 2021
- Further upside in addressable households with economic growth
- Continue to grow penetration in existing network areas and proactively upsell to grow ARPU

Commentary

- Focus on premium locations and selected households
- Leverage strong execution track record and technical know-how



 Java intercity fiber backbone acquisition provided instant access to c.45 cities

- Strategic expansion into key metropolitan cities in Java Island
- Employ robust and stringent ROIC analysis in evaluation
- Acquisition of Jayabaya Submarine Cable System to increase redundancy and stability



Strategic Regional Expansion through Java Backbone

The intercity backbone will open doors to 45 cities



Continued Expansion of Enterprise Business

Strategic Roadmap for Enterprise Business



Provide **nation-wide** services by utilizing partners' infrastructure

Recent Initiatives



Continued service expansions and improvements

- Pre-wiring of office buildings
- Standardized and automation of work orders to increase efficiency and reduce delivery lead time



Service beyond connectivity. Providing total solutions (ICT solutions) for customer's requirements and more competitive product variations



More competitive product offerings

- Standardized service packages
- End to end solution via bundled offering
- Value added services and managed services



Enriched knowledge and experience of enterprise sales team



Sales capability and internal process improvement

- Dedicated sales team
- Automation of network monitoring and trouble ticketing system
- Empowering the sales team to make an effective and efficient solution



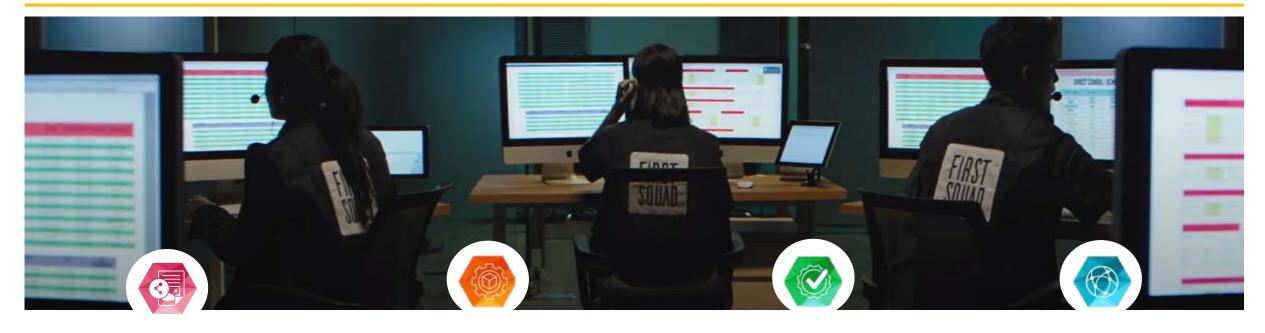


Business Overview



Our Competitive Edge

Always serves customers with best products & service quality



UNLIMITED ENTERTAINMENT WITH BEST CONTENT

Most Channels & Highest number of HD channels of any provider in Indonesia (229 channels; 101 HD, 4 4K)

OTT (Catchplay, HBO GO, VIU, and more to come)

LEADING THE WAY IN PRODUCT INNOVATION

Digital Smart Box X1An interactive smart TV experience

FirstMediaXTV anywhere application

DOCSIS 3.1 Ready (up to 10Gbps)

SuperWifiMesh Wifi router for best coverage

SUPERIOR QUALITY OF SERVICE

SLA (3 – 4 hours) to respond to network issues

24 Hours Call Centers
Dedicated Lines to Premium
Customers

My FirstMedia App one stop digital self care for 24 hours quick solution

RELIABLE NETWORK CONNECTION

Regular upgrade & maintain networks

Implementation of **CNH** (Customer Network Health Status), a system that monitors the general health of our Network

20 years of experience in Network Architecture

Continued Commitment to Become the Leading Internet, Pay TV and Entertainment Provided in Indonesia

Essential Local Content

Factual & Lifestyle Brands

Regional and Kids Entertainment

Movies and Entertainment

Leading Sports and News channels





















CINEMAX











































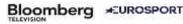
















TRANSTV





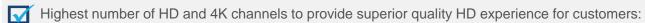




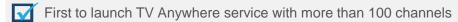




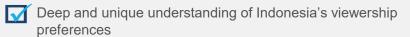




- Currently offers 101* HD Channels and 4 4K Channels
- Total of 229^(a) channels (101HD, 124 SD, 4 4K)



- Highest number of TV Anywhere channels amongst cable TV operators
- Recently forged partnerships with Catchplay, HBO GO and Viu, WeTV, GoPlay and iQIYI further boosting OTT content library



Content sourced through various international and local providers, with whom Link Net has established deep relationships

Widest and Diverse Channel Selection Addressing Viewership Preferences

Based on the most expensive package's channel offerings.



Additional Sports and Entertainment Content Offering

Enhanced Sports and Entertainment Content Offering











Link Net has enhanced its sports and entertainment content offering. We've added entertainment channels including Galaxy, Galaxy Premium, IMC and Paramount.

We offer the market leading sports package which includes TSB 1, 2 & 3, Champions TV channel suits and SPOTV.

Through our sports channels Link net customers can enjoy Formula 1, MotoGP, Tennis, Golf, Rugby, Badminton and many more.

Launching of First Plus to Integrate OTT Offerings

Integration of OTT Partners Through Single Subscription



In 2021 we launched a product called First Plus which was the first OTT aggregation package in Indonesia which included Catchplay, Viu and GoPlay under one subscription and price.

This OTT product suite provides our customers with a large selection of high quality OTT content for a lower price than if they subscribed to these services independently.



Total ICT Solutions for Enterprise Customers

Our Services



Connectivity



Data Center M



Manage Services



Cloud Services



Voice



VSAT Services

Industry Solutions



Financial Services



Hospitality Tele



Telecommunication



Government & Public Services



Energy & Resources



Media & Entertainment



Manufacture



Education



Property



Transportation



FIRST KLAZ

Enjoy excellent Learning Management System and learning experience with integrated solution for School, Teacher, Parents, Students.





TEMPERATURE SCREENING SYSTEM

Detect fever real time per millisecond with AI and face recognition for preventive solution to minimize risk for manufacture and office building





CISCO WEBEX MEETING

Working at home or remotely shouldn't impact your normal business meetings, no matter what device you are on for small, medium and large enterprise





IdeaHUB

Breaks the limitation of traditional conference and space by all in one collaborative boards to have more efficient teamwork

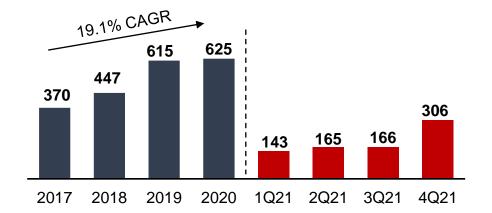


Continued Recovery of Link Net's Enterprise Business

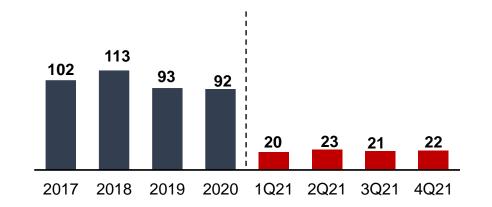
Enterprise Sales Strategy

- Leverage existing network and Partner with other Providers to extend Coverage and Services, targeting incremental sales from existing and New Customers
- To become one of the best data communications and ICT solutions providers Target industries which have minimal negative impact from the pandemic

Enterprise Business Revenue (IDR bn)



Media Business Revenue (IDR bn)



Serve More Than 2,500 Enterprise Customers

- Our customers require Reliable and Trusted connectivity needs, especially in the FSI and Digital business, where the risk exposure is high
- With our highly resilient network, we are able to provide 99.99% redundancy for mission-critical services

Indonesia Stock Exchange



Link Net is the sole provider for the Indonesia Stock Exchange (IDX) since 2001, making Link Net the most trusted internet provider in the Financial Services Industry.



Digital Business / e-commerce Garena tokopedia GO JEK Tiket.com Shopee Alibaba.com **TMT** MRA MEDIA DE





Migration Project Update

Shareholders can look forward to the completion of Link Net's migration project and then annual pole rental fees can be used for productive investment purposes including network growth, subscriber acquisition and dividends.









Financial Overview

FY21 Financial Results Summary

Revenue increased

10.4%

to

IDR4.5tn

in FY21 vs FY20

Revenue grew

14.1%

to

IDR1.2tn

in 4Q21 vs 4Q20

EBITDA grew 8.5%

to IDR2.5tn

In FY21 vs FY20

EBITDA Margin of

56.0%

in FY21

Net Profit of

IDR885bn

in FY21

Net Profit Margin of

19.8%

In FY21

Average Revenue per User (ARPU) remained market leading levels at

IDR348k (~24\$)

as of December 2021

Operating Cash Flow at

IDR1.8tn

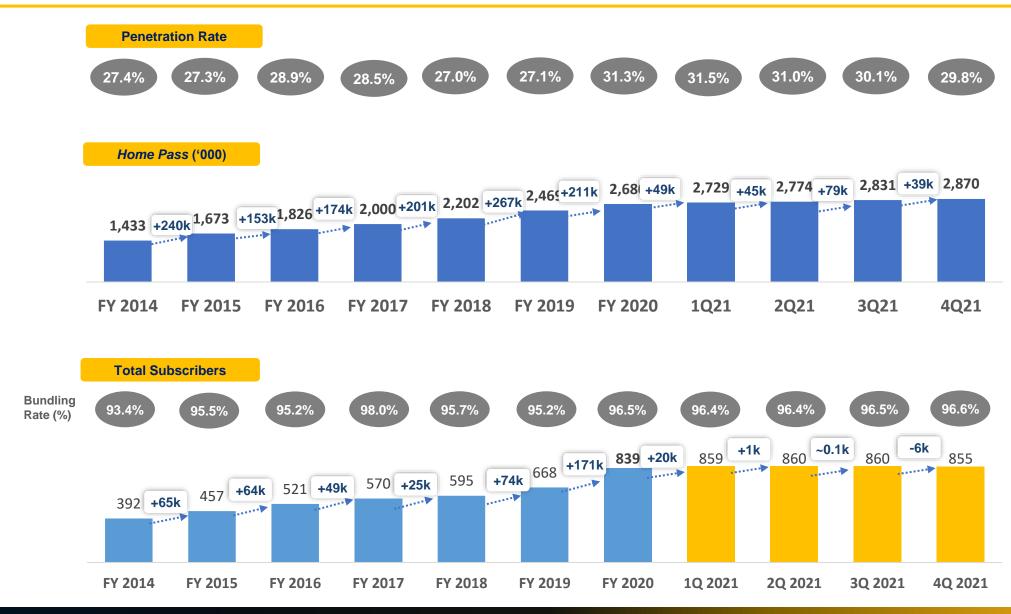
as of December 2021

Net Cash Position at

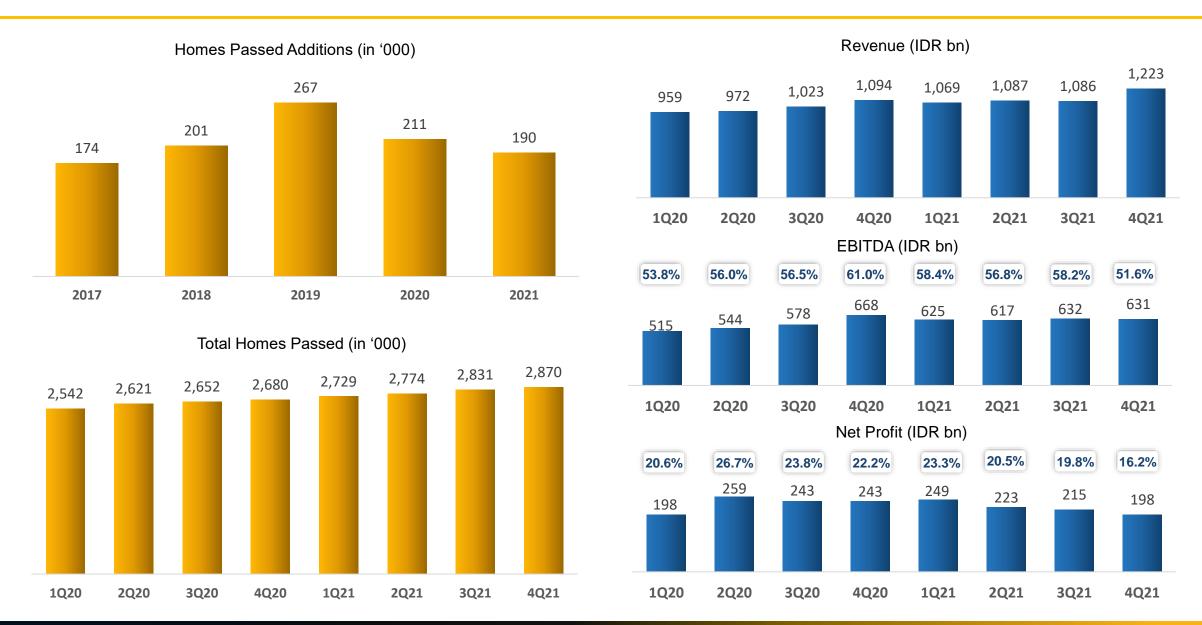
IDR271bn

as of December 2021

Operational Overview



Financial and Operational Results Summary



Overall Network Vintage Penetration

Penetration Rate	2014	2015	2016	2017	2018	2019	2020	2021
Overall Vintage 2014	14.6%	19.3%	23.1%	25.6%	26.1%	27.8%	31.7%	29.9%
Overall Vintage 2015		17.0%	21.7%	22.5%	23.0%	25.3%	30.6%	30.3%
Overall Vintage 2016			20.5%	22.5%	23.0%	24.7%	28.9%	27.7%
Overall Vintage 2017				14.5%	15.8%	18.0%	25.1%	24.6%
Overall Vintage 2018					18.3%	20.8%	28.0%	27.3%
Overall Vintage 2019						19.8%	27.6%	26.4%
Overall Vintage 2020							34.5%	30.4%
Overall Vintage 2021								30.1%



Supporting Communities in Need

Link Net continued its support to the communities impacted by the pandemic. Link Net are all in this together and Link Net will continue to support Indonesian communities through our future CSR programs.





First Squad Interlink (Internet Keliling):

Set up Wi-Fi hotspots in community areas where students can come and access the internet to facilitate their online learning activities.



First Festival:

Online music festival where the proceeds are used to donate personal protective equipment and vitamins to medical staff.



First Media Peduli Guru:

Special programs for Link Net's subscribers who are school teachers with 3 months free internet access to support them in their teaching activities.









First Squad Home Services (FSHS):

- **Building sanitization stations** within communities.
- Offering home sanitization service for new installation and network maintenance.
- Providing sanitization packs to communities.

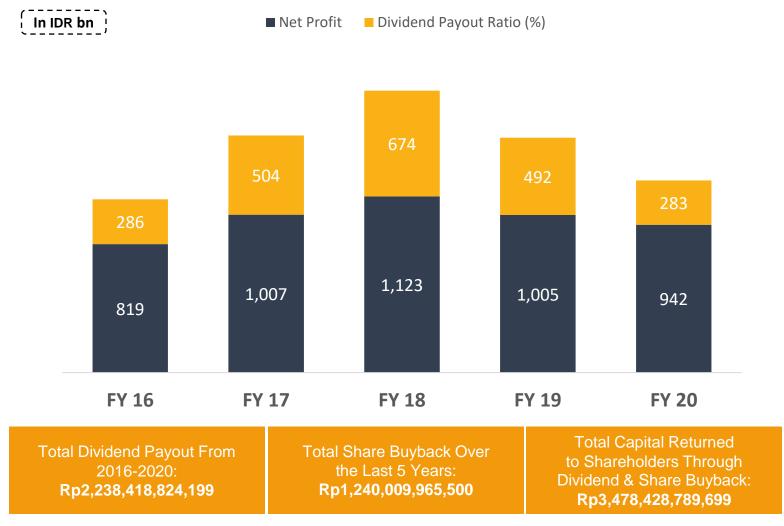
Supporting Communities in Need





To support the government vaccination scheme, we provide tents and internet services in vaccination centers across Jakarta, West Java and East Java.

Historical Dividend Payout



^{*}Normalized Net Profit

Historical Share Buy-Back

Issued Capital & Treasury Shares:

■ Total issued capital: 2,863,195,484

Since 2016 Link Net has bought back a total of 291,068,500 shares worth Rp1,240,009,065,500

Price Limit of all Buy-Backs Rp6,000 Per-Share

Existing Treasury Shares: 111,614,500

Period	Amount (Rp)	Unit	Average Price
2016	386,228,396,000	83,963,800	4,600
2017	15,414,088,000	3,147,600	4,897
2018	223,627,798,500	43,796,900	5,106
2019	309,568,804,000	74,332,600	4,069
2020	305,170,879,000	85,827,500	3,556
Total	1,240,009,965,500	291,068,000	4,260

Board of Commissioners



Jonathan L. Parapak, President Independent Commissioner

- Extensive experience of senior executive position for more than 30 years across healthcare and telecommunication industries.
- He is now serving as a Rector of Pelita Harapan University, an Independent Commissioner of PT Matahari Department Store Tbk and was the Independent Commissioner of PT Siloam International Hospitals Tbk (2014-2019).
- Ha Wibawa Seroja Nugraha degree from the Indonesian National Resilience/Defence Institute, a Master of Engineering Science degree and a Bachelor of Electrical Engineering Communications degree from the University of Tasmania.



Edward Daniel Horowitz, Commissioner

- More than 30 years of experience in international media and telecommunication.
- He is currently the Founder and Chairman of EdsLink LLC, the Founding Investor and Director of The Tennis Channel and the Co-Founder and Director of US Space LCC.
- Holds a Master of Business Administration from the Columbia University and a Bachelor of Science degree in Physics from the City College of New York.



Sigit Prasetya, Commissioner

- More than 20 years experience in senior executive roles investment and finance.
- He is currently active as a Managing Partner CVC Asia Pacific (Singapore) Pte. Ltd.
- Holds a Master of Business Administration from University of New South Wales and a Bachelor degree in Math from the Bandung Institute of Technology.



Suvir Varma, Commissioner

- Suvir was a Senior Partner and Head of Private Equity Practice in Asia at Bain & Company Inc. and was a Member of Executive Committee at Singapore
 Venture Capital & Private Equity Association
- He has more than 20 years of experience across consulting and finance-related roles focusing on strategic developments and operational improvements
- Received a Bachelor of Science Hons., Finance, Accounting and Business Policy from Babson College and MBA in Finance, Strategy and Accounting from University of Chicago



Alexander Rusli, Independent Commissioner

- Extensive experience in the telecommunications industry having served as the Chief Executive Officer of Indosat Ooredoo and member of the board in Protelindo
- Alex is on the board of Commissioners of PT Unilever Indonesia Tbk, one of Indonesia's largest listed companies
- He is also a commissioner at one of Indonesia's largest private hospital operator's PT Medikaloka Hermina Tbk

Board of Directors



Marlo Budiman, President Director

- More than 15 years experience in senior executive roles across various industries including telecommunications and consulting.
- Has had multiple leadership roles and has excelled in growing revenue, cost management, debt restructuring and corporate strategy.
- He was managing partner at Y&K Capital where he specialized in corporate strategy and debt restructuring. Prior to this he was with Sampoerna Telekomunikasi Indonesia for 8 years where he was Chief Financial Officer (CFO).
- Holds degrees in finance and real estate from Ohio State University.



Victor Indajang, Director

- Extensive experience as director of operations and technology roles across banking and the high-speed broadband industry over the last 13 years.
- He was a senior executive in Citibank's Indonesia operations and was Link Net's Operations Director. He later appointed as the Chief Operations Officer since 2018.
- Played a pivotal role in developing operations that support Link Net's network



Henry Jani Liando, Director

- More than 20 years of experience in finance and business planning in senior roles.
- Appointed the Company's Independent Director since 2013.
- Holds a Master of Business Administration in Finance from Oregon State University and a Bachelor in Chemical Engineering from the Bandung Institute of Technology.



Wonbae Lee, Director

- Senior Managing Director of CVC's private equity operations team in Asia, based in Singapore and with 20 years of experience in senior roles across finance, consulting and healthcare
- Prior joining Link Net, he held the GM position of Asia-Pacific in GE Healthcare and was with AstraZeneca as the country president of Indonesia
- Held a Bachelor of Business Administration degree from Korea University and MBA from Harvard Business School.



Andy Nugroho Purwohardono

- More than 25 years experience in senior executive roles across finance, retail, and consulting.
- He is currently serving as the Managing Director of CVC Asia Pacific Limited's Indonesia, Director of Matahari Department Store Tbk, and Director of MAP Aktif Adiperkasa.
- Holds a Master of Business Administration from the University of Texas and a Bachelor of Science in Industrial Engineering from Oregon State University.

linknet

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