

MVNO Summit 2025

Discover the latest insights and strategies from across the MVNO ecosystem as we explore the evolving landscape of mobile services and vertical applications.





Please scan the QR code for translation services





Our Speakers



Pablo IacopinoGSMA Intelligence



Hakan Koç 1GLOBAL



Andy Youé
Wavelo



Martina Klingvall
Telness Tech



Omar Parreira
Nova Mobile



Andrew Wright
Aetha Consulting



Gloria Trujillo GSMA - *Moderator*



Javier Sendin GSMA - *Moderator*



MVNO Summit Agenda

Time	Title	Presenter
16:00	Moderator welcome	Javier Sendin, GSMA
16:05	MVNOs in 2025 and beyond: a new growth & innovation story	Pablo Iacopino, GSMA Intelligence
16:22	Disrupting the telco industry through eSIM	Hakan Koç, 1GLOBAL
16:38	Next Generation MVNO	Andy Youé, Wavelo
16:54	Telecom should be joyful	Martina Klingvall, Telness Tech
17:10	The rise of 'Brand MVNOs'	Omar Parreira, Nova Mobile
17:26	MVNOs in an increasingly delayered industry	Andrew Wright, Aetha Consulting
17:45	Fireside chat: moderated by Gloria Trujillo, GSMA	Hakan Koç, 1GLOBAL Andy Youé, Wavelo
18:15	Moderator wrap-up and closing remarks	Javier Sendin, GSMA

Up Next

MVNOs in 2025 and beyond: A new growth and innovation story

Pablo Iacopino

Head of Research and Commercial Content GSMA Intelligence







MVNOs in 2025 and beyond: a new growth & innovation story

DATE

March 2025

AUTHOR

- Pablo lacopino
- Head of Research and Commercial Content, GSMA Intelligence

About GSMA Intelligence

info@gsmaintelligence.com

GSMA Intelligence is the definitive source of mobile industry insights, forecasts, and research, used around the world. Our insights cover every mobile operator, network, and MVNO in every country worldwide.

COMPREHENSIVE DATA PLATFORM

INSIGHTFUL RESEARCH

EXPERT ANALYSIS

BESPOKE CONSULTING

EVENT SUPPORT

Who we work with



Regulatory

Bodies





Departments













Businesses



BY THE NUMBERS

7/10

of Forbes' Top digital companies worldwide, rely on our data and insights

50m+

individual datapoints covering everything from operational to economic

4,600+

networks tracked, spanning every country

9/10

of the top Telecoms in the world work with GSMA Intelligence

MVNOs: a new growth & innovation story Opportunities span consumer and enterprise markets

The number of MVNOs has more than doubled in the last decade (worldwide)



The outlook for MVNOs is promising, shaped by important driving forces

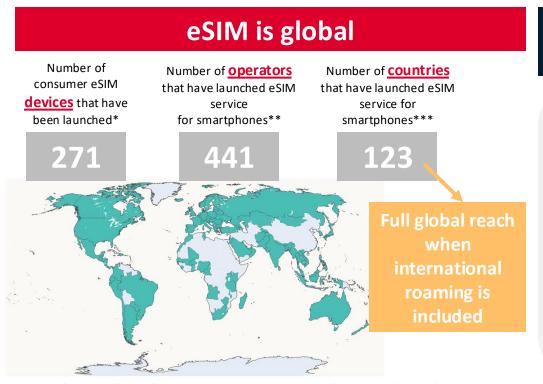
Consumer shift to digital

New technologies (e.g. eSIM, 5G, AI) The rise of Digital Industries (IoT and beyond)

New business models and propositions



Consumer market: the eSIM opportunity for MVNOs eSIM is now a reality...looking for scale



Scaling eSIM brings new business opportunities

- Consumer awareness of eSIM has doubled in the last few years.
- **Growth outlook is encouraging:** 76% eSIM penetration by 2030 globally.
- eSIM opportunities for MVNOs: new consumer propositions (eSIM-only, eSIM first, digital brands) and new use cases (e.g. temporary services).
- eSIM-only phones (beyond the USA) will be a game changer. Timelines are unclear...but keep an eye on it.

Data as of June 2024. * Sum of smartphones, tablets and smartwatches (cumulative). ** Sum of MNOs, MVNOs and global providers of international roaming services. *** Excluding eSIM service for international roaming

Source: GSMA Intelligence



Travel eSIM A clear use case for eSIM, capturing consumer interest

There is growing use of eSIM for international roaming, which explains the proliferation of global providers of roaming connectivity services (e.g. Airalo, Holafly, eSIM.me) and growing interest among MNOs and MVNOs in monetising inbound roaming through eSIM

50% of consumers are aware of eSIM



19% of eSIM-aware consumers use eSIM



51% of eSIM users used eSIM service while travelling abroad for leisure or personal reasons in the past 12 months



28% of travel eSIM users purchased an eSIM service provided by a global provider of international roaming connectivity services



Average figures across 11 countries: Australia, France, Germany, Italy, Japan, Poland, South Korea, Spain, UAE, UK, US.

Intelligence

The rise of Digital Industries **Our Global Digital Transformation Survey**

10 Vertical sectors and 21 Countries in focus:

4,200 enterprises

Vertical sectors



Manufacturing and Industrial Sectors



Transportation, Logistics & Warehousing



Automotive and Mobility



Utilities and Energy



Financial Services



Healthcare



Retail



Media and Entertainment



Agriculture, Forestry & Fishing



Public Sector

Countries

Australia

Indonesia

Kazakhstan

Japan

South Korea

China

Asia

Europe



France



Germany



Italy



Spain



Middle East and Africa

Egypt

Morocco



Brazil

Argentina

Americas



South Africa



Mexico



Saudi Arabia

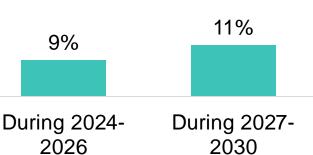


Türkiye

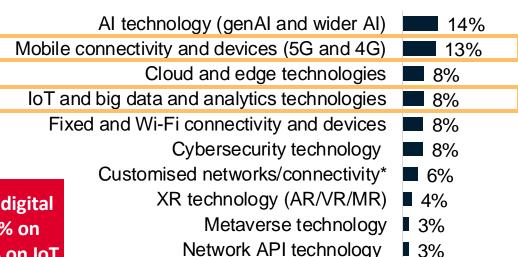
The B2B opportunity for MVNOs Enterprise spend on digital transformation is on the rise



as % of revenue



Enterprise spend on digital transformation by technology (2024–2030)



Other (e.g. IT, legacy tech and other)

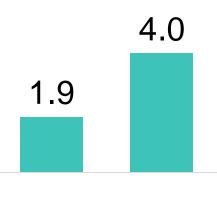
Enterprises will spend 10% of their revenues on digital transformation during 2024-2030, of which 13% on mobile connectivity and devices (4G/5G) and 8% on IoT and Big Data & Analytics. **Grab your piece!**

GSMA Intelligence

25%

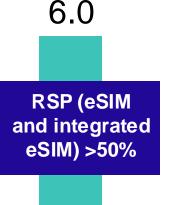
IoT: the potential for growth is still big Capitalising on a new wave of IoT innovation and growth

IoT cellular connections Globally. Billion. Total, all SIM form factors



New trends should accelerate adoption of cellular IoT

- New, enhanced eSIM specifications for IoT
- Arrival of new technologies such as 5G IoT, 5G
 RedCap and satellite/cellular integration
- Growing rollout of private networks for IoT
- Further investment on IoT from enterprises as part of their digital transformation



2020 2024

2030



Enterprises working with MVNOs on IoT Targeting the right vertical sectors is key



Share of enterprises already working with MVNOs for IoT deployments. That leaves room for growth

Top five vertical sectors

- 1 Public Sector
- 2 Utilities and Energy
- Agriculture, Forestry and Fishing
- 4 Healthcare
- 5 Automotive and Mobility

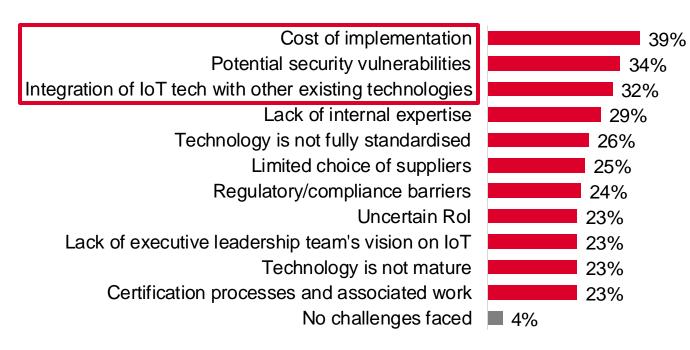
Other insights

 Enterprises with global footprint (50 or more countries of operations) are more likely to work with MVNOs



Enterprises need help (and long-term partners) Helping enterprises address IoT deployment challenges is key

IoT deployment challenges faced by enterprises



Focus your B2B messaging on how your IoT solutions can address IoT deployment challenges

Tech integration is a challenge. Enterprises expect you to play a role!





THANK YOU!

Pablo lacopino

Head of Research and Commercial Content

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Up Next

Disrupting the telco industry through eSIM

Hakan Koç CEO and Co-Founder 1GLOBAL



1GLOBAL

Disrupting the telco industry through eSIM and our global core network

Company Overview

17 offices

9 MVNOs

3,500+ corp. customers

45+ million eSIMs

2 GSMA RSP sites 600+ networks

One of the world's only five

telcos that operates its own fully GSMA-accredited SM-DP+ platform for eSIM

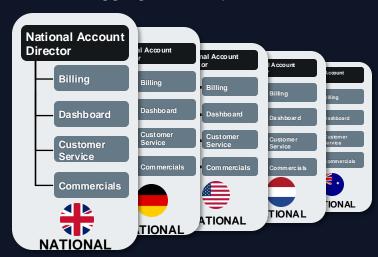




Our global core network allows us to offer a truly global mobile service and simplify procurement

Other "global" providers

dis-aggregated and piecemeal



A federation of national networks that don't speak to each other

1GLOBAL

One global core network



A network designed for international mobility



Zero-touch deployment for employee devices ensures they arrive fully set up and ready to use









Device Delivery IAM Enrolment Profile Assignment eSIM Installation



From wrapped box to functioning local phone number,

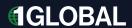
in minutes







UK User



Businesses and Consumers struggle with roaming and bill shock due to unpredictable cost and usage



Downloading the right eSIM might be the right solution







Convenient

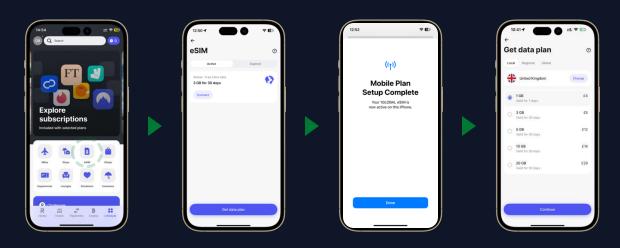


Fair



Revolut Case Study

The convenience of purchasing the best global connectivity from within your app or website



Our recent partnership with Revolut enables their 50M users to seamlessly access eSIM connectivity for global data





Download your eSIM

Use voucher code **MVNO-S2025** for a MVNO Summit discount

Hakan Koç Founder & CEO



Up Next

Next Generation MVNO

Andy YouéVice President, Sales
Wavelo





Next Generation MVNO

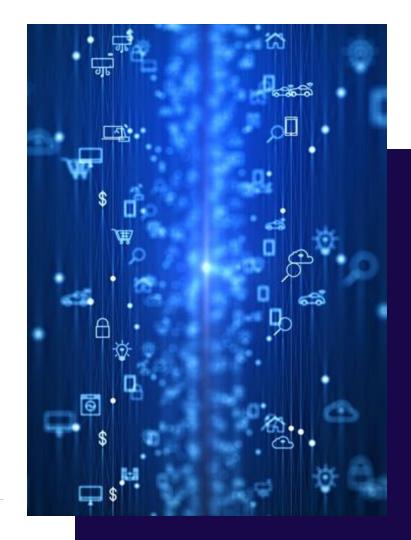
Andy Youé

Embracing the Future:

Next-Gen MVNO

Next generation MVNOs are poised to reshape the telecom industry

- → Emerging Technologies
- → Customer Centricity
- → Innovative Service Offerings



Emerging Technologies

01

Impact of 5G on capabilities and service offerings

02

Role of IoT and IoMT in enabling connected services

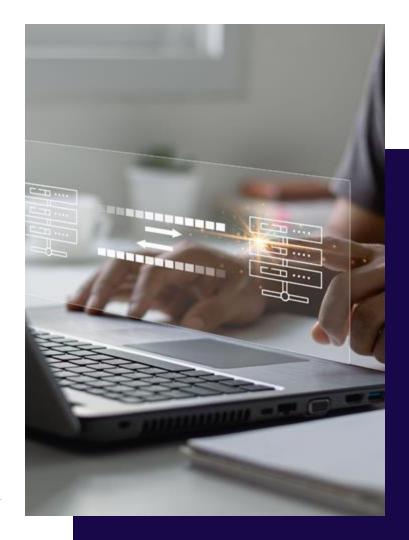
03

Integration of AI, cloud computing and real-time architectures

Customer Centricity:

Precision. Speed. Trust.

- → Tailored plans via data insights
- → Converged mobile + IoT bundles
- → Flexible payment, personal edge, security



Innovative Service Offerings Beyond Basic Mobile

01

Stream, Game, Thrive - via Partnerships

02

5G + AI = fast, fresh offerings

03

Instant customization at your fingertips

Dominating the Telecom Landscape

Stay ahead - win big!

- → Next-gen tech and architectures
- → Data-driven agility
- → Dynamic ecosystems + strategic partners

Call to Action:

Partner with us to lead the future of mobile - now





Thank you

Up Next

Telecom should be joyful – why is it so difficult?

Martina Klingvall
CEO and Founder
Telness Tech





Martina Klingvall

Founder and CEO

Telecom should be joyful – why is it so difficult?



It took us 7 years, and we cracked the code

Telness Group have iteratively built our product since 2016, shown a product market fit with solid customers and revenues – currently scaling internationally.



telness





The entire telecom industry is shifting - legacy business models are not holding up, profitability is plummeting, and customer demands are increasing - something needs to change.

- Regulatory interventions are driving pricing down, lowering ARPU, creating opportunity for massive OPEX optimization.
- ✓ Innovations such as e-SIM has eliminated entry barriers, opening for non-telco challengers and new digital MVNOs.
- Customers demand a Platform-based and bundled offering all in one place, putting pressure on Telco to build converged offerings.
- Telecom remains boring and with poor customer experience, and 66% of customers are considering switching brands, loyalty is at an all time low.



Most operators are fumbling in the dark. As we did ourselves in 2016. IT Legacy leads to inefficient operations whilst end-user demand has accelerated the sense of urgency



Stacking hundreds of fragmented systems

- Operators run on between 500-2,000 external modules, making it impossible to build scalable platform-based offerings
- Using different systems that are not designed to work together destroys CX



Telcos have tried and failed to build inhouse

- Transforming legacy is expensive and timeconsuming, and most telecom transformations have failed
- Different players in the telecom industry have previously tried and failed making complex systems modern



Unhappy customers

- Telecom is riddled by extremely bad user experience
- Complex non-value-added products and outdated unmodern interfaces
- Lack of functioning digital customer journeys and propositions





Telco is shifting, fast.

Forces shifting telecom

20

Consumer preferences and expectations



High OPEX legacy IT systems



Commodity products and services

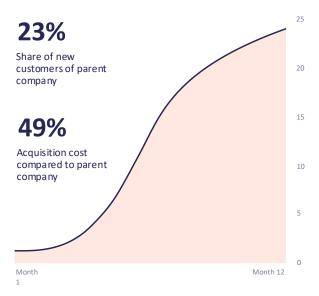
Enabling value and innovation is the only way forward here





Telcos are recommended* to launch digital attacker brands to grow market share and increase profitability

"Telecom operators' average net promoter score (NPS), has typically been in the 20s, versus more than 50 for many digital powerhouses."



Average gross subscriber additions for digital attackers in the first year, % share by month

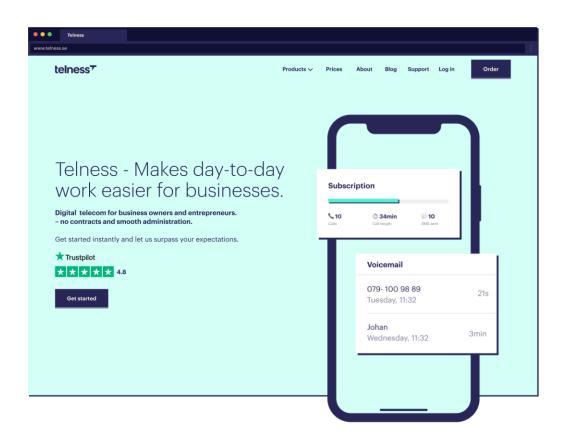


Make the cake bigger instead of fighting for the same customers as everyone else...

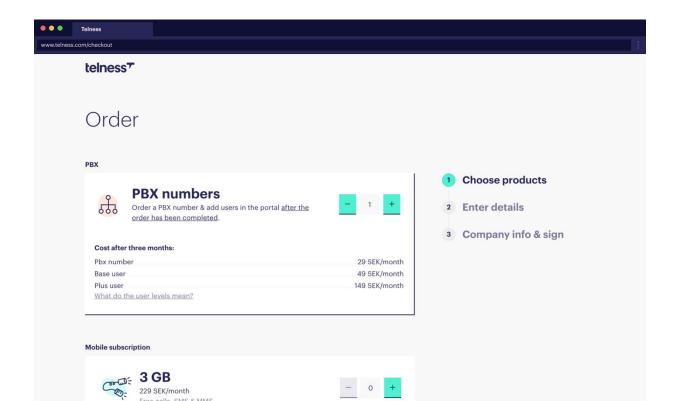
telness⁷

Highest rated B2B MVNO in Europe since launch in 2016.

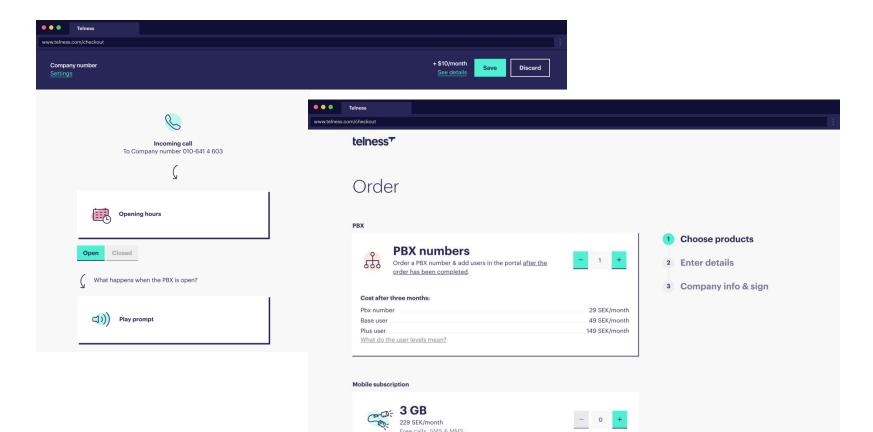
A title we still hold today.



"Order in less than 1 minute"



Enable 100% self-service



Low OPEX enabled by selfservice, yet customers love the solution

Telness Digital Telco is a clear #1 on Trustpilot of all Swedish operators.



Telness

Omdömen 340 • Utmärkt







3 Sverige

Omdömen 691 • Mycket dålig

Hallon

Omdömen 1 011 • Mycket dålig

Telia Sverige

Omdömen 1 755 • Mycket dål

www.telenor.se

Omdömen 1 284 • Mycket dålig



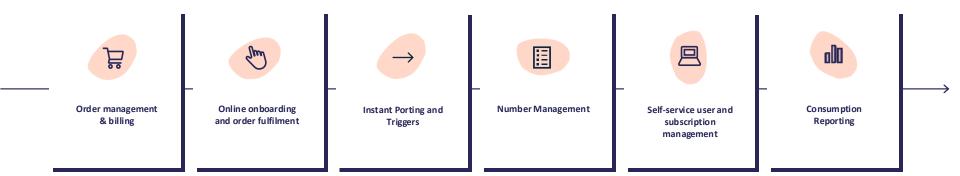
Good customer experiences don't just happen....

"Services built for the large corporates, **not for us**" "I'm never prioritized and need to call support or stand in a store line for every single thing"

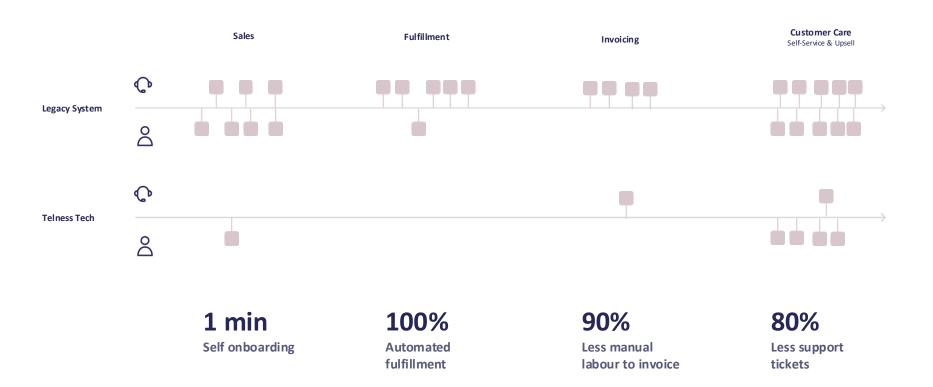
"I've been scammed so many times"

We designed over 200 customer journeys...

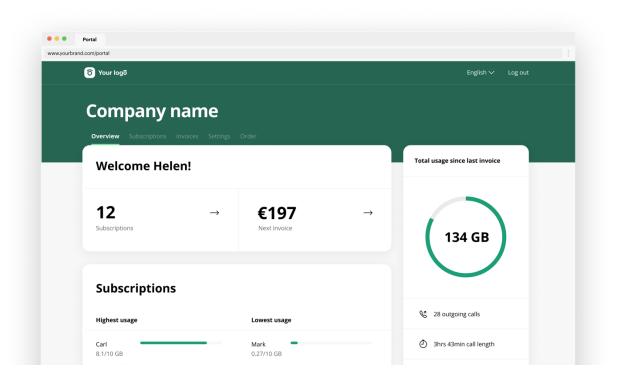
...and created a digital and automated experience



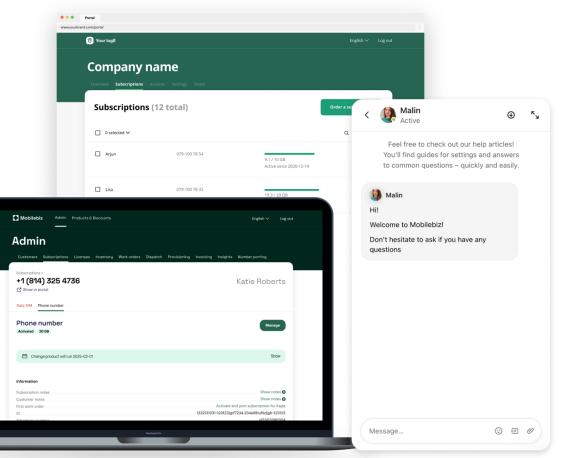
... We almost religiously removed manual interactions



Customer management portal with different access levels and functionalities



Omni channel experience for MVNO management as well as end user management





You want an app?

You got it.

No additional development needed.







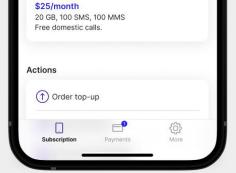




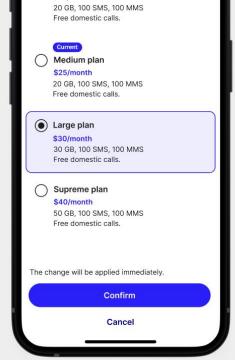


Products that support both Mobile, PBX and IoT

All with industry leading UX.





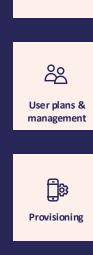




Basically, we've had to build much more than expected...

... We built everything needed to launch or run a mobile operator, fully automated.





App



Automatic

Integrations

A

Authentication









Connectivity



core

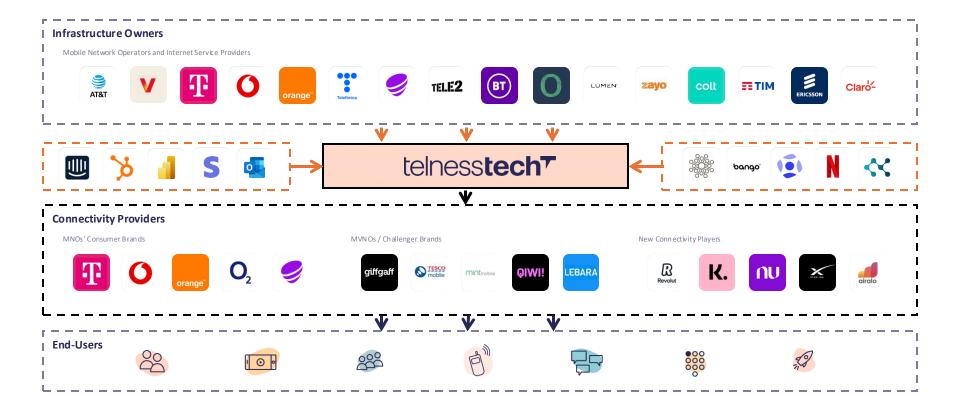


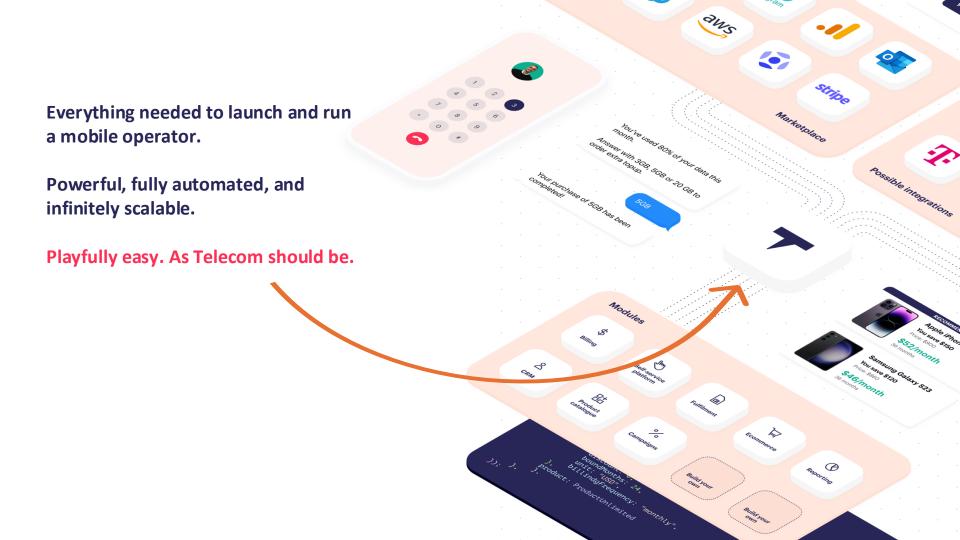


Self service portal



And when I say we built everything, I really mean it.









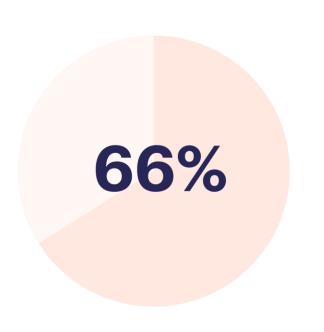
33.3 million businesses in the United States qualify as small businesses, making up 99.9% of all U.S. businesses.

Yet most telcos focus on the enterprise segment in their B2B offerings!



Make the cake bigger instead of fighting for the same customers as everyone else...

Telco executives believe consumers are loyal to their brand but the data shows otherwise. Telco executives believe consumers are loyal to their brand but the data shows otherwise.



66% of the consumers say they plan on switching operator within a year.

Those Telco executives, that's you guys in the audience.

... Guys, it's 2025.

Any business can start or turn into a MVNO or connectivity provider.

You don't need 500-2000 vendors and massive infrastructure.

It scales and can create near instant new revenue streams and customer retention.

Staffing

Custo mer support Administration Order fulfillment Developers Network engineers Security Separate CRM Billing Sales & Marketing App developers

Hidden platform costs Change requests Upgrades Licenses & APIs

Multiple Platform costs

Other unforseen costs

Legacy System

Cut costs in half

50-80% Cost reduction through automation and removal of hidden fees

Staffing

Customer support Sales & Markerting Full automation

Platform cost

Telness Tech



"If you think you are too small to make a difference...

... Try sleeping with a mosquito in your bedroom!"



Create the teltech category

Enable the everyone to enter the telco space

Making telecom a joyful experience





in Linkedin

www.telnesstech.com www.telness.se

martina@telness.se

Thank you!

Up Next

The rise of 'Brand-MVNOs'

Omar Parreira
Co-Founder and CEO
Nova Mobile



The Rise of 'Brand-MVNOs', A Growing Trend in Mobile Services











MVNOs











A Market on The Brink of Transformation?

Global MVNO market to reach: \$149 Billion by 2030

The rise in eSIM adoption has and will facilitate the rise of non-traditional operators offering telco services.





The Power of an Existing Customer Base

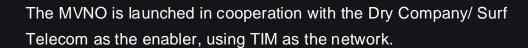






Case Study: Lari Cel

24 year old actress (and influencer) Larissa Manoela announced the launch of her own MVNO Lari Cel, in a post to her social media followers in 2021.



As of August 2024, Lari Cel had 10,000 Subscribers (Source: TechnoBlog Brasil)



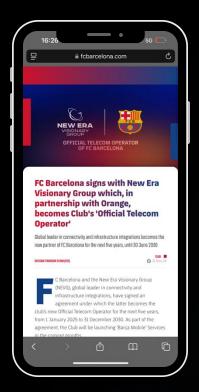




Case Study: Barça Mobile

FC Barcelona and the New Era Visionary Group (NEVG), global leader in connectivity and infrastructure integrations, have signed an agreement under which the latter becomes the club's new Official Telecom Operator for the next five years, from 1 January 2025 to 31 December 2030.

As part of the agreement, the Club will be launching 'Barça Mobile' Services in the coming months. (Source: Barcelona FC)









Introducing Orbit, a telco-as-aservice platform

Out-the-box infrastructure:

Everything you need to launch and operate your own telco, without the need for extensive development.

API integrations:

Effortless connections to MNOs and other essential service providers.

Billing solutions:

Streamlined billing capabilities to manage customer accounts and payments.







Thank you and keep connect with us



- **⊕** novamobile.io
- **⋈** partnerships@novamobile.io



Up Next

MVNOs in an increasingly delayered industry

Andrew Wright
Partner and Co-Founder
Aetha Consulting



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MVNOs in a delayered industry

MWC MVNO Summit 2025

05 March 2025

Introduction



- How have MVNOs traditionally added value?
- What new challenges are there for MVNOs
 - Market
 - Industry
- How have MVNOs evolved
- What does it take to be an MVNO is a delayered industry?

MNO Components

Distribution

Brand

Billing and CRM

Services

Core

RAN

Infrastructure

How many ways can we split the MNO functions?

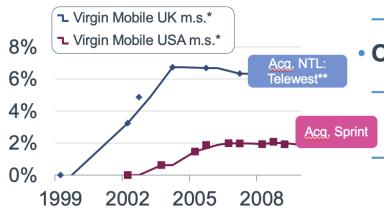




All about brand: Virgin Mobile







- Launch: 1999, UK, MVNO
 - -JV with the MNO host
- Selling point: strong existing brand
- Rapid growth: early "viral" marketing
 - –One million subs in 1.5 years
 - –2002 US entry + other markets
- Outcome:
 - -Virgin Mobile UK / USA were discontinued in recent years (2023 / 2020)
 - –MVNO in Chile, Colombia, Kuwait, Poland, Saudi Arabia, and the UAE

- Collected from press releases and news reports
- Later Virgin Media, now VMO2

All about retail distribution: Tesco Mobile







Over 500 of Tesco's 800 superstores have a Tesco Mobile branch*

- Launch: 2003, UK
 - -A JV with MNO host
 - -Ireland, Slovakia, Czechia, Hungary (discontinued)
- Selling point: strong distribution, value for money
- Market impact:
 - -Slow but steady subscriber growth
 - -5.5m UK subscribers after 21 years
- Outcome: Signed a 10-year extension to the UK JV agreement in 2024

Data collected by maps.walkingclub.org

Multiple hosts: Tracfone







Brand portfolio









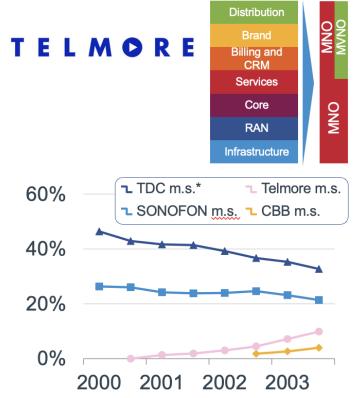




- Launch: 1996, USA, service provider
- Selling point: low-cost pre-paid phones, distribution in shops inc. 7-Eleven and Walmart
- MVNO launch:
 - Partnered with Walmart and Verizon to offer
 Straight Talk Wireless a pre-pay MVNO
 - Created wholesale agreements with AT&T,
 Sprint, Verizon, and T-Mobile rather than locking into one network
- Outcome: Verizon announced it would acquire TracFone in 2020, at which point it had 90 000 retail locations and ~6% market share

Cost and regulation: Telmore





* National IT and Telecom Agency, Denmark (IT- og Telestyrelsen) | Telecom Statistics – Second half of 2003. via Allan Rasmussen

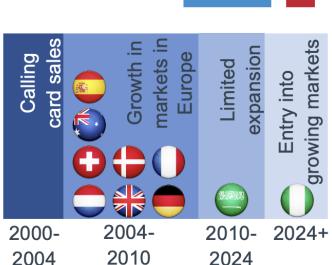
- · Launch: 2000, Denmark, MVNO
- Selling point: online sales model, low prices
- Market impact:
 - -MNP introduced June 2001
 - -Telmore and CBB acquired 44% of new subs and 43% of porting requests in 2000-2003
 - -Telmore had 460k subscribers by Q4 2003
 - Non-discrimination for MVNOs
 - -Average price per minutes fell 54% in 2003
- Outcome: TDC acquired Telmore in December 2003, continuing to operate it as a separate entity, and still uses the brand today

Case Study: Lebara



LEBARA

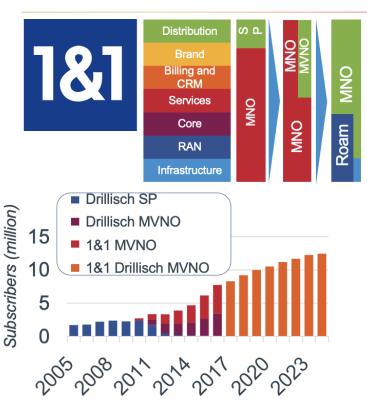




- Launch: 2001, UK, international calling cards
- Selling point: low-cost international calls with call routing capability
- International appeal:
 - Lebara launched its first MVNO service in 2004 in the Netherlands, providing low-cost international calls
 - Lebara's brand targets international workers and has a strong presence in corner shops
- Outcome: Traditional voice positioning eroded by OTT voice
 - Increasing use of licensing agreements

SP to MNO: 1&1 (formerly 1&1 Drillisch*)





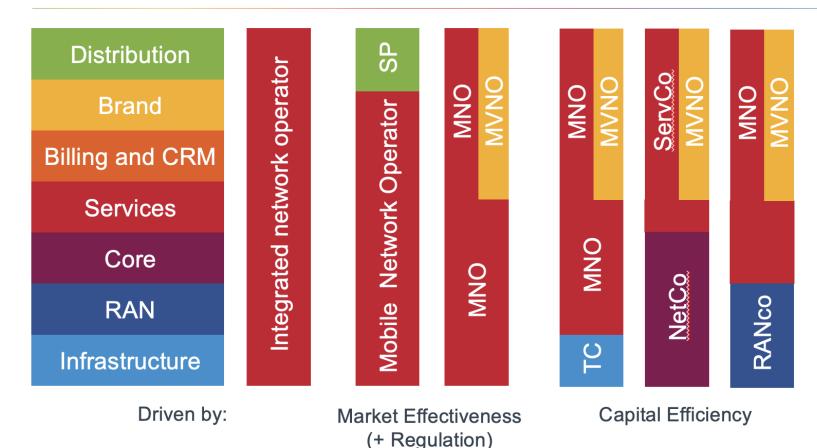
- Launch: 1997, Germany, Service Provider that became an MVNO
 - -Large number of brands
- Telefónica remedies:
 - –Following Telefónica's 2014 acquisition of E-Plus, Drillisch:
 - leased 20% of Telefónica's capacity
 - bought over 300 E-Plus and Telefónica shops
- Transition to MNO: In the 2019 5G auction, 1&1 acquired spectrum and leased 2.6GHz frequencies from Telefónica. It switched on its first sites in late 2023

In 2017, Drillisch became 1&1 Drillisch following a reverse takeover by United Internet. From 2021 onwards, it has been known as 1&1

^{**} Data collected from 1&1, 1&1 Drillisch, Drillisch, and BNetzA annual reports

How many ways can we split the MNO stack?





Challenges and MVNO futures

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- The market challenges
 - -Brand: Operator sub-brands
 - -Distribution: Digital channels
 - -Bundles: Fewer 'mobile only' subs
- Industry challenges
 - -Capex cycles: Delayering for capital efficiency
- The outcomes for MVNOs
 - -Continuing growth for some
 - -Many absorbed into MNO host
 - Evolution to MNO for one of the largest

- Some positives
 - NetCo and RANco could become ideal hosts for full MVNOs
 - –eSIMs present opportunity
- MVNO competitive advantage
 - –B2B niches: Application integration
 - Innovation alongside connectivity
- Brands that can bundle with nontelco services
- Regulatory opportunities in some markets





eSIM Go (UK)



"MVNO-in-a-box" allows subscriptionbased organisations to offer MVNO services to customers

Revolut (International)



Banking app offers digital eSIM installation for international travellers

Cubic Telecom (International)



MVNO focussing on providing IoT connectivity in industries including automotive and transportation

Vitel Wireless (Nigeria)



Among first full MVNOs in Nigeria following issuance of licences by NCC – promoting local coverage

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