

Slovak operators announce best-selling devices in March .....	5
2Africa Deployment Underway with First Landing in Genoa, Italy .....	6
2Africa makes first landing in Genoa.....	9
2Africa Deployment Underway with First Landing in Genoa, Italy; Highly Anticipated Subsea Cable System Set to Connect 3 Billion People Upon.....	10
Orange Business Services Participations SA - Are you struggling to match networking resources to your cloud estate?.....	13
The Linux Foundation and Google Cloud Launch Nephio to Enable and Simplify Cloud Native Automation of Telecom Network Functions .....	15
Kenya's telecoms operators buy into mobile money .....	20
Orange Spain starts TVOD offer with Rakuten .....	21
Orange Egypt signs payment services deal with Visa .....	22
Orange Egypt signs exclusive agreement with Visa for Orange Cash customers .....	23
Orange Egypt signs exclusive agreement with Visa for Orange Cash customers .....	24
Orange Business Services Participations SA - Digital twins: from virtual models to tangible business benefits .....	25
Kenya's cell phone operators join initiative to drive seamless payments.....	28
Orange Jordan supports 'Giglancing' online training scheme to foster casual labour .....	29
Orange France uses SoftAtHome's software platform for new Livebox 6 .....	30
Lipa Na M-Pesa access will boost innovation .....	31
French networks end March with 24,000 5G cell sites in or ready for service .....	33
Kenya launches mobile money merchant interoperability service to boost financial inclusion.....	34
Orange Sierra Leone launches 4th edition of social venture competition .....	35
Orange Sierra Leone launches 4th edition of social venture competition .....	36
Orange Sierra Leone launches 4th edition of social venture competition .....	37
Martello enters into partnership with Orange Business Services .....	38
MTLO Martello, Orange Business enter Vantage DX partnership .....	39
Viaccess-Orca supports launch of Orange Belgium's new OTT services .....	41
Tunisie Telecom sells Mauritanian unit Mattel to Telecel Group.....	42
Press Release: Martello Announces Global Partnership with Orange Business Services for Vantage DX .....	43
Press Release: Martello Announces Global Partnership with Orange Business Services for Vantage DX .....	46
Martello Announces Global Partnership with Orange Business Services for Vantage DX .....	49
(PR) Martello Announces Global Partnership with Orange Business Services for Vantage DX .....	52
Airship Launches Its App Experience Platform to Enable Brands to Adapt No-Code Native App Experiences That Build Loyalty and Accelerate.....	55
Orange France unveils Livebox 6 with Wi-Fi 6E, launches 'Max' fibre plan .....	57

Vodafone says the merger of Orange and MásMóvil will bring great opportunities .....	58
CommScope announces partnership with Orange Belgium .....	59
Commscope, Zappware deliver new Android TV box for Orange Belgium .....	60
Duysens leaves OBS to become MD at Proximus unit SpearIT .....	61
Orange Business Services Participations SA - European cloud solutions: innovation compliant with our values .....	62
Proximus adopts Eco ratings for mobile phones .....	64
Orange chooses French start-up YesYes as phone reconditioning partner.....	65
Smart launches GigaRoam offering for travelers .....	66
Orange provides new payment method for medical consultations on DabaDoc platform.....	67
MTN GlobalConnect expands to Kenya .....	68
S&T wins contract under Romanian National Cybersecurity Directorate tender, Orange left out .....	69
Orange Moldova offers free internet to 100 schools for 2 years .....	70
Smart 5G roaming now covers 50 countries .....	71
The sixth undersea Fibre cable lands in Mombasa.....	72
PCCW Global, PEACE Cable announce completion of PEACE-MED subsea cable.....	74
Telkom and PEACE Cable Company land new submarine cable in Kenya.....	75
Orange inaugurates 10th Orange Digital Centre in Morocco .....	76
Orange Spain runs 5G gaming trial in Vigo.....	77
Orange inaugurate in Morocco the 10th Orange Digital Center in Africa and the Middle East, to train young people in digital technology.....	78
Orange inaugurate in Morocco the 10th Orange Digital Center in Africa and the Middle East, to train young people in digital technology.....	81
Orange Spain awarded 3-year Community of Madrid contract .....	84
Orange BeLux seeks AR/VR start-ups for new accelerator programme.....	85
Safaricom expands mobile money market share to 99.9% of transaction value.....	86
Safaricom takes 99.9pc of mobile money market .....	87
Information Technology - Data Centers; Studies Conducted at University of Cergy Pontoise on Data Centers Recently Reported (Model and Data.....	88
Deutsche Telekom, Telefónica, Vodafone, and KPN are Leaders in ABI Research's Telco Operators Sustainability Index .....	89
Deutsche Telekom, Telefónica, Vodafone, and KPN are Leaders in ABI Research's Telco Operators Sustainability Index .....	91
Helios Investment - The organizational chart displays its 20 executives, including Tope Lawani and Babatunde Soyoye .....	93
Slovak operators announce best-selling devices in February .....	97
Mondelēz moves onto all-digital workspace with Orange .....	98
Orange Business Services and Fortinet partner on SASE to improve user experience .....	99
Orange Business Services Participations SA - Orange Business Services and Cisco partner on accelerating all-digital cloud workspaces to support hybrid working .....	100

Orange Belgium offers 3 months free Streamz with new TV box; in talks for Netflix app .....	102
France's new 5G site activations slow to 480 during February .....	103
Orange, Fortinet To Create Scalable Cloud-native Network, Delivering Improved User Experience .....	104
Orange Business Services Participations SA - Technological innovation will power the Italian sustainability drive... 105	
Vodafone Idea in talks for Nokia to replace Huawei equipment on parts of its network - report .....	108
France - Retail Savings & Investments - Competitive Landscape .....	109
Orange and the German Development Cooperation inaugurate in Madagascar the 9th Orange Digital Center in Africa and the Middle East, to train... ..	116
Orange and the German Development Cooperation inaugurate in Madagascar the 9th Orange Digital Center in Africa and the Middle East, to train... ..	118
Orange SA - Orange presents the third edition of the Observatory of Digital Uses, in partnership with OpinionWay.....	121
Orange Business Services and Fortinet partner on SASE.....	124
Orange Business Services and Fortinet Partner on SASE to Create a Secure, Seamless and Scalable Cloud-Native Network, Delivering Improved User Experience   Fortinet .....	125
BRIEF-Orange Business Services and Fortinet Partner On SASE Service.....	127
Orange Business Services Participations SA - Orange Business Services and Fortinet partner on SASE to create a secure, seamless and scalab.....	128
Fortinet Inc. - Orange Business Services and Fortinet Partner on Sase to Create a Secure, Seamless and Scalabl.....	130
Orange Business Services and Fortinet Partner on SASE to Create a Secure, Seamless and Scalable Cloud-native Network, Delivering Improved User Experience .....	133
Orange demonstrates multi-vendor interoperability of 400 Gbps transceivers in optical transmission test .....	136
Orange and MasMovil merger could “open floodgates” on more alliances .....	137
Orange and MTN to share African telco towers .....	138
Orange Slovakia raises prices, boosts internet speeds and mobile data.....	139
Orange Cote d'Ivoire and Yabx collaborate to facilitate smartphone financing .....	140
Intelsat to Deliver 3G and 4G Connectivity in Mali .....	141
Intelsat to Deliver 3G and 4G Connectivity in Mali .....	142
Mondelez moves global operations to all-digital workspace with Orange .....	143
Orange Belgium starts showing Eco rating for smartphones, updates trade-in offer .....	144
Intelsat to deliver 3G, 4G connectivity in Mali, Africa .....	145
Intelsat to Deliver 3G and 4G Connectivity in Eighth Largest Country in Africa.....	146
Orange and Yabx collaborate with Cofina to facilitate Smartphone Financing in Ivory Coast; This partnership will make a significant.....	148
Orange and Yabx collaborate with Cofina to facilitate Smartphone Financing in Ivory Coast .....	150
Eurobites: Telecom Italia records net loss of €8.7B for 2021 .....	152
Orange Belgium SA - Orange Belgium commits to a sustainable smartphone market by being the first in Belgium to launch the Eco Rating for.....	154
Streaming Video Alliance reaches new interoperability milestone in open caching tests .....	156

Orange Mali selects Intelsat to deliver 3G and 4G connectivity .....	157
Intelsat to Deliver 3G and 4G Connectivity in Eighth Largest Country in Africa; Agreement with Orange Mali Ex..... 158	
Intelsat to Deliver 3G and 4G Connectivity in Eighth Largest Country in Africa .....	159
Orange SA - Orange and Samsung Expand Partnership to extend product life cycle and Enhance Cus... .....	161
Orange SA .....	162
Orange Poland to expand fibre network in Lesznowola .....	163

## Slovak operators announce best-selling devices in March

330 words

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Telecompaper Europe

TELEUR

English

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Slovak mobile operators have published their lists of the best-selling smartphones and tablets in their shops in March, reports Zive.aktuality.sk. Smartphones from Samsung led the lists of two operators, and handsets from Xiaomi led the lists of the other two ones.

At Orange Slovakia, the Samsung Galaxy A52s 5G was the most popular smartphone, followed by the Apple iPhone 13, Xiaomi Redmi Note 10 5G, Redmi Note 10 Pro and Galaxy S20 FE. Further down Orange's rankings were the Redmi 9C, iPhone 13 Pro, Galaxy A22 5G, Galaxy S21 FE 5G and Honor 50 Lite.

At Slovak Telekom, the Galaxy A12 was at the top of the list of popular smartphones. It was followed by the Galaxy A52s 5G, iPhone 13, Xiaomi Redmi Note 10 Pro and Motorola Moto E7. Lower down in the rankings were the iPhone 13 Pro, Galaxy A32 5G, Redmi 9AT, Galaxy S21 FE 5G and Moto G30. Slovak Telekom's best-selling tablet was the Alcatel 3T 10 4G followed by the the Galaxy Tab A8 and Lenovo Tab M10HD 2nd gen.

At O2 Slovakia, the Xiaomi Redmi Note 10 5G was the best-selling smartphone, followed by the Galaxy A12, iPhone 13, Galaxy A52s 5G and Galaxy A22 5G. Other popular smartphones at O2 were the Redmi 9A, Redmi Note 11, Moto G31, Redmi Note 10 Pro and Galaxy S21 FE 5G.

Turning to O2's tablet rankings, the Lenovo Tab M10HD 2nd generation LTE was the best-seller followed by the Lenovo Tab M8 LTE, Lenovo Yoga Smart Tab LTE, Galaxy Tab A8 LTE and Lenovo Tab P11 LTE.

At 4ka, the Xiaomi Redmi Note 10 Pro was the best-selling smartphone followed by the Xiaomi Poco X3 Pro, iPhone 12, Xiaomi 11 Lite 5G NE and Huawei P30 Lite. The iPhone SE (2020), iPhone 12 Pro, Samsung Galaxy A12, Xiaomi 11T and iPhone 11 were on 4ka's list, too.

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## 2Africa Deployment Underway with First Landing in Genoa, Italy

1,936 words

14 April 2022

Ventures Africa

VENAF

English

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The 2Africa consortium, comprised of China Mobile International, Meta ( [www.Facebook.com](https://www.facebook.com) ), MTN GlobalConnect, Orange, etc, Telecom Egypt, Vodafone and WIOCC, announced today the first landing of the 2Africa cable – in Genoa, Italy. The landing sets the tone for more landings in the coming months as the cable is extended to a total of 46 locations by the completion of the project in 2024.

Announced in May 2020, the 2Africa subsea cable system together with its Pearls extension are designed to deliver seamless international **connectivity** to approximately 3 billion people, representing 36% of the global population and connecting three continents, Africa, Europe and Asia.

At 45,000km, it will be the longest subsea cable ever deployed, serving communities that rely on the internet for services from education to healthcare and business, with all experiencing the economic and social benefits that come from this increased connectivity.

Vodafone, the 2Africa landing party in Genoa, has partnered with Equinix to land the cable directly into the Equinix Carrier Neutral Data Center (CNDC), with Retelit delivering the fronthaul. As with all 2Africa cable landings, capacity will be available to service providers in Genoa on a fair and equitable basis, encouraging and supporting the development of a healthy internet ecosystem.

Working with a local Italian operator, 2Africa has also developed a new terrestrial route connecting the Genoa cable landing station (CLS) directly to major CNDCs in Milan.

Good progress on the survey work and manufacturing continues with the 2Africa project remaining on track for completion in 2024.

Distributed by APO Group on behalf of Meta.

About China Mobile International Limited:

China Mobile International Limited (CMI) is a wholly-owned subsidiary of China Mobile, mainly responsible for the operation of China Mobile's international business. In order to provide better services to meet the growing demand in the international telecommunications market, China Mobile established a subsidiary, CMI, in December 2010. CMI currently has over 70 terrestrial and submarine cable resources worldwide, with a total international transmission bandwidth of over 109T, and a total of 225 PoPs. With Hong Kong, China as its launchpad, CMI has significantly accelerated global IDC development, creating a strong network for data center cloudification.

Leveraging the strong support by China Mobile, CMI is a trusted partner that provides comprehensive international information services and solutions to international enterprises, carriers and mobile users. Headquartered in Hong Kong, China, CMI has expanded its footprint in 36 countries and regions. For more information, please visit [www.CMI.ChinaMobile.com](https://www.CMI.ChinaMobile.com), or to connect with us on LinkedIn at: [http://bit.ly/3jAA8do](https://bit.ly/3jAA8do).

About Meta:

Meta builds technologies that help people connect, find communities, and grow businesses. When Facebook launched in 2004, it changed the way people connect. Apps like Messenger, Instagram and WhatsApp further empowered billions around the world. Now, Meta is moving beyond 2D screens toward immersive experiences like augmented and virtual reality to help build the next evolution in social technology.

About MTN GlobalConnect:

GlobalConnect is a Pan-African digital wholesale and infrastructure services company, and an operating company in the MTN Group. GlobalConnect manages MTN's international and national major wholesale activities, in addition to offering reliable wholesale and infrastructure solutions for fixed connectivity and wholesale mobility solutions that include international mobile services, Voice, SMS, signalling, roaming and interconnect. The MTN Group launched in 1994 is a leading emerging market operator with a clear vision to lead the delivery of a bold new digital world and is inspired by the belief that everyone deserves the benefits of a modern connected life. Embracing the Ambition 2025 strategy, MTN is anchored on building the largest

and most valuable platform business, with a clear focus on Africa. The MTN Group is listed on the JSE Securities Exchange in South Africa under the share code "MTN".

For more information, please visit [www.GlobalConnect.solutions](http://www.GlobalConnect.solutions) – [www.MTN.com](http://www.MTN.com)

#### About Orange:

Orange is one of the world's leading telecommunications operators with sales of 42.3 billion euros in 2020 and 140,000 employees worldwide at 31 March 2021, including 80,000 employees in France. The Group has a total customer base of 262 million customers worldwide at 31 March 2021, including 217 million mobile customers and 22 million fixed broadband customers. The Group is present in 26 countries. Orange is also a leading provider of global IT and telecommunication services to multinational companies, under the brand Orange Business Services. In December 2019, the Group presented its new "Engage 2025" strategic plan, which, guided by social and environmental accountability, aims to reinvent its operator model. While accelerating in growth areas and placing data and AI at the heart of its innovation model, the Group will be an attractive and responsible employer, adapted to emerging professions.

Orange is listed on Euronext Paris (symbol ORA) and on the New York Stock Exchange (symbol ORAN).

For more information on the internet and on your mobile: [www.Orange.com](http://www.Orange.com), [www.Orange-business.com](http://www.Orange-business.com) or to follow us on Twitter: @orangegrouppr.

#### About stc:

With its headquarter in Riyadh, stc group is the largest in the Middle East and North Africa based on market cap. stc's revenue for 2020 amounted to 58,953million SAR (15,721 million US dollars) and the net profit amounted to 10,995 million SAR (2,932 million US dollars). stc was established in 1998 and currently has customers around the globe. It is ranking among the world's top 50 digital companies and the first in the Middle East and North Africa according to Forbes. It focuses on providing services to enterprise and consumer customers through a fiber-optic network that spans 217,000 kilometers. stc group was among the first in MENA region to launch 5G networks and was considered one of the fastest globally in deploying 5G network as stc already deployed around 4,000 5G towers as end of 2020. stc group has 14 subsidiaries in the Kingdom, gulf and around the world, and its own 100% of stc Bahrain, 51.8% stake in stc Kuwait and 25% stake in Binariang GSM Holding in Malaysia which owns 62% of Maxis in Malaysia.

In Saudi Arabia (the group's main operation site) stc operates the largest modern mobile network in the Middle East as it covers more than 99% of the country's populated areas in addition to providing 4G mobile broadband to about 90% of the population across the Kingdom of Saudi Arabia. In addition to the above-mentioned, stc is a strong regional player in IoT, managed services, system integration, cloud computing, information security, big data Analytics fintech and artificial intelligence. For more information, please visit [www.stc.com.sa](http://www.stc.com.sa) ; or to follow us on Twitter: @stc , @stc\_ksa

#### About Telecom Egypt:

Telecom Egypt is the first total telecom operator in Egypt providing all telecom services to its customers including fixed and mobile voice and data services. Telecom Egypt has a long history serving Egyptian customers for over 160 years maintaining a leadership position in the Egyptian telecom market by offering its enterprise and consumer customers the most advanced technology, reliable infrastructure solutions and the widest network of submarine cables. Aside from its mobile operation "WE", the company owns a 45% stake in Vodafone Egypt. Telecom Egypt's shares and GDRs (Ticker: ETEL.CA; TEEG.LN) are traded on The Egyptian Exchange and the London Stock Exchange. Please refer to Telecom Egypt's full financial disclosure on [ir.TE.eg](http://ir.TE.eg)

For more information, contact: The investor relations team, Email:

#### About Vodafone:

Unique in its scale as the largest pan-European and African technology communications company, Vodafone transforms the way we live and work through its innovation, technology, connectivity, platforms, products and services. Vodafone operates mobile and fixed networks in 21 countries, and partners with mobile networks in 47 more. As of 31 December 2021, we had over 300m mobile customers, more than 28m fixed broadband customers and over 22m TV customers.

Vodafone is a world leader in the Internet of Things (IoT), connecting more than 142m devices and platforms through innovation that aligns with the aspirations of society for cleaner and safer cities, better transport and improved agriculture. Vodafone's digital leadership is also changing how governments deliver healthcare and education, and how businesses, particularly Small and Medium Enterprises (SMEs), serve customers.

We have revolutionised fintech in Africa through M-Pesa, which celebrates its 15th anniversary in 2022. It is the region's largest fintech platform, providing access to financial services for more than 51m people in a secure, affordable and convenient way.

Our purpose is to connect for a better future, enabling an inclusive and sustainable digital society. We are taking significant steps to reduce our impact on our planet by becoming net zero by 2040, purchasing 100% of our electricity from renewable sources in Europe and across our entire operations by 2025, and reusing, reselling or recycling 100% of our redundant network equipment. Vodafone proactively works to expand access to connectivity for rural communities, students and jobseekers. For more than 30 years, Vodafone's Foundation has supported communities in Europe and Africa in the areas of health, education, and equality.

We support diversity and inclusion through our maternity and parental leave policies, empowering women through connectivity and improving access to education and digital skills for women, girls, and society at large. We are respectful of all individuals, irrespective of race, ethnicity, disability, age, sexual orientation, gender identity, belief, culture or religion.

For more information, please visit [www.Vodafone.com](http://www.Vodafone.com), follow us on Twitter at @VodafoneGroup or connect with us on LinkedIn at <http://bit.ly/3vIHWoC>.

About WIOCC:

WIOCC is building Africa's first, truly hyper-scale network infrastructure. With the ability to efficiently deliver 100Gbps capacity and an extensive investment programme to develop our pan-African solution even further, WIOCC is the natural partner for OTTs, content providers, telecom operators, and ISPs looking to take advantage of Africa's opportunities. The company utilises more than 55,000km of terrestrial fibre and in excess of 75,000km of submarine cable assets to offer affordable, reliable, managed connectivity to over 550 locations across 30 African countries. WIOCC's international reach extends to key commercial centres in Europe, Asia, and North America, providing a one-stop shop for fully-scalable international connectivity into, within, and out of Africa. Operating exclusively as a wholesaler, the company's focus is on putting you, our client, first. Building and maintaining strong, long-term relationships means WIOCC can develop bespoke solutions to meet your current requirements, with the flexibility to match future demands for growth and extra resilience and geographical expansion. You will find that only WIOCC has the depth of experience, local expertise, capacity, flexibility, and scalability to take you where you want to be. For more information, please visit [www.WIOCC.net](http://www.WIOCC.net)

About Alcatel Submarine Networks:

Alcatel Submarine Networks, part of Nokia, leads the industry in terms of transmission capacity and installed base with more than 650,000 km of optical submarine systems deployed worldwide, enough to circumnavigate the globe 15 times. From traditional Telecom applications to Content and "Over The Top" Service Provider infrastructures, as well as to offshore Oil and Gas applications, ASN provides all elements of a turnkey global undersea transmission systems, tailored to individual customer's needs. An extensive Services portfolio completes its comprehensive offering for the submarine business, including project management, installation and commissioning, along with marine and maintenance operations performed by ASN's fully owned fleet of cable ships. For more information, please visit [www.web.ASN.com/en](http://www.web.ASN.com/en)

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## 2Africa makes first landing in Genoa

342 words

14 April 2022

Optical Networks Daily

OBSERV

English

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The first landing of the 2Africa cable was completed in Genoa, Italy. Vodafone, the 2Africa landing party in Genoa, has partnered with Equinix to land the cable directly into the Equinix Carrier Neutral Data Center (CNDC), with Retelit delivering the fronthaul. As with all 2Africa cable landings, capacity will be available to service providers in Genoa on a fair and equitable basis, encouraging and supporting the development of a healthy internet **ecosystem**. Working with a local Italian operator, 2Africa has also developed a new terrestrial route connecting the Genoa cable landing station (CLS) directly to major CNDCs in Milan.

At 45,000km, 2Africa is expected to be the longest subsea cable ever deployed. A total of 46 cable landing locations are envisioned for the project before completion in 2024.

The 2Africa consortium, comprised of China Mobile International, Meta, MTN GlobalConnect, Orange, stc, Telecom Egypt, Vodafone and WIOCC

[Equinix and Vodafone to build subsea hub in Genoa for 2Africa cable](#)

Thursday, February 25, 2021 [Africa](#), [Equinix](#), [Italy](#), [Subsea](#)

Equinix and Vodafone announced a plan to build a new subsea hub in Genoa, called GN1, to serve as a strategic interconnection point for the 2Africa cable system. 2Africa is a consortium cable project backed by China Mobile International, Facebook, MTN GlobalConnect, Orange, stc, Telecom Egypt, Vodafone and WIOCC. At 37,000km long, 2Africa will be one of the world's largest subsea cable projects and will interconnect Europe (eastward via Egypt), the...

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[2Africa subsea cable boasts design capacity up to 180 Tbps](#)

Thursday, May 14, 2020 [Africa](#), [ASN](#), [Egypt](#), [Facebook](#), [Submarine Cable](#), [Subsea](#), [Telecom Egypt](#)

2Africa, a new subsea cable to serve the African continent and Middle East region, promises to deliver more than the total combined capacity of all subsea cables serving Africa today, with a design capacity of up to 180Tbps on key parts of the system. Consortium partners include China Mobile International, Facebook, MTN GlobalConnect, Orange, stc, Telecom Egypt, Vodafone and WIOCC. Alcatel Submarine Networks (ASN) has been selected to build...

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## **2Africa Deployment Underway with First Landing in Genoa, Italy; Highly Anticipated Subsea Cable System Set to Connect 3 Billion People Upon Completion**

1,948 words

14 April 2022

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African Press Organization

APOENG

English

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For more information on the internet and on your mobile: [www.Orange.com](http://www.Orange.com), [www.Orange-business.com](http://www.Orange-business.com) or to follow us on Twitter: @orangegroup.

About stc: With its headquarter in Riyadh, stc group is the largest in the Middle East and North Africa based on market cap. stc's revenue for 2020 amounted to 58,953million SAR (15,721 million US dollars) and the net profit amounted to 10,995 million SAR (2,932 million US dollars). stc was established in 1998 and currently has customers around the globe. It is ranking among the world's top 50 digital companies and the first in the Middle East and North Africa according to Forbes. It focuses on providing services to enterprise and consumer customers through a fiber-optic network that spans 217,000 kilometers. stc group was among the first in MENA region to launch 5G networks and was considered one of the fastest globally in deploying 5G network as stc already deployed around 4,000 5G towers as end of 2020. stc group has 14 subsidiaries in the Kingdom, gulf and around the world, and its own 100% of stc Bahrain, 51.8% stake in stc Kuwait and 25% stake in Binariang GSM Holding in Malaysia which owns 62% of Maxis in Malaysia.

In Saudi Arabia (the group's main operation site) stc operates the largest modern mobile network in the Middle East as it covers more than 99% of the country's populated areas in addition to providing 4G mobile broadband to about 90% of the population across the Kingdom of Saudi Arabia. In addition to the above-mentioned, stc is a strong regional player in IoT, managed services, system integration, cloud computing, information security, big data Analytics fintech and artificial intelligence. For more information, please visit [www.stc.com.sa](http://www.stc.com.sa); or to follow us on Twitter: @stc , @stc\_ksa

About Telecom Egypt: Telecom Egypt is the first total telecom operator in Egypt providing all telecom services to its customers including fixed and mobile voice and data services. Telecom Egypt has a long history serving Egyptian customers for over 160 years maintaining a leadership position in the Egyptian telecom market by offering its enterprise and consumer customers the most advanced technology, reliable infrastructure solutions and the widest network of submarine cables. Aside from its mobile operation "WE", the company owns a 45% stake in Vodafone Egypt. Telecom Egypt's shares and GDRs (Ticker: ETEL.CA; TEEG.LN) are traded on The Egyptian Exchange and the London Stock Exchange. Please refer to Telecom Egypt's full financial disclosure on [ir.TE.eg](http://ir.TE.eg)

For more information, contact: The investor relations team, Email: [investor.relations@te.eg](mailto:investor.relations@te.eg)

About Vodafone: Unique in its scale as the largest pan-European and African technology communications company, Vodafone transforms the way we live and work through its innovation, technology, connectivity, platforms, products and services. Vodafone operates mobile and fixed networks in 21 countries, and partners with mobile networks in 47 more. As of 31 December 2021, we had over 300m mobile customers, more than 28m fixed broadband customers and over 22m TV customers.

Vodafone is a world leader in the Internet of Things (IoT), connecting more than 142m devices and platforms through innovation that aligns with the aspirations of society for cleaner and safer cities, better transport and improved agriculture. Vodafone's digital leadership is also changing how governments deliver healthcare and education, and how businesses, particularly Small and Medium Enterprises (SMEs), serve customers.

We have revolutionised fintech in Africa through M-Pesa, which celebrates its 15th anniversary in 2022. It is the region's largest fintech platform, providing access to financial services for more than 51m people in a secure, affordable and convenient way.

Our purpose is to connect for a better future, enabling an inclusive and sustainable digital society. We are taking significant steps to reduce our impact on our planet by becoming net zero by 2040, purchasing 100% of our electricity from renewable sources in Europe and across our entire operations by 2025, and reusing, reselling or recycling 100% of our redundant network equipment. Vodafone proactively works to expand

access to connectivity for rural communities, students and jobseekers. For more than 30 years, Vodafone's Foundation has supported communities in Europe and Africa in the areas of health, education, and equality.

We support diversity and inclusion through our maternity and parental leave policies, empowering women through connectivity and improving access to education and digital skills for women, girls, and society at large. We are respectful of all individuals, irrespective of race, ethnicity, disability, age, sexual orientation, gender identity, belief, culture or religion.

For more information, please visit [www.Vodafone.com](http://www.Vodafone.com), follow us on Twitter at @VodafoneGroup or connect with us on LinkedIn at <https://bit.ly/3vIHWOc>.

About WIOCC: WIOCC is building Africa's first, truly hyper-scale network infrastructure. With the ability to efficiently deliver 100Gbps capacity and an extensive investment programme to develop our pan-African solution even further, WIOCC is the natural partner for OTTs, content providers, telecom operators, and ISPs looking to take advantage of Africa's opportunities. The company utilises more than 55,000km of terrestrial fibre and in excess of 75,000km of submarine cable assets to offer affordable, reliable, managed connectivity to over 550 locations across 30 African countries. WIOCC's international reach extends to key commercial centres in Europe, Asia, and North America, providing a one-stop shop for fully-scalable international connectivity into, within, and out of Africa. Operating exclusively as a wholesaler, the company's focus is on putting you, our client, first. Building and maintaining strong, long-term relationships means WIOCC can develop bespoke solutions to meet your current requirements, with the flexibility to match future demands for growth and extra resilience and geographical expansion. You will find that only WIOCC has the depth of experience, local expertise, capacity, flexibility, and scalability to take you where you want to be. For more information, please visit [www.WIOCC.net](http://www.WIOCC.net)

About Alcatel Submarine Networks: Alcatel Submarine Networks, part of Nokia, leads the industry in terms of transmission capacity and installed base with more than 650,000 km of optical submarine systems deployed worldwide, enough to circumnavigate the globe 15 times. From traditional Telecom applications to Content and "Over The Top" Service Provider infrastructures, as well as to offshore Oil and Gas applications, ASN provides all elements of a turnkey global undersea transmission systems, tailored to individual customer's needs. An extensive Services portfolio completes its comprehensive offering for the submarine business, including project management, installation and commissioning, along with marine and maintenance operations performed by ASN's fully owned fleet of cable ships. For more information, please visit [www.web.ASN.com/en](http://www.web.ASN.com/en)

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**Orange Business Services Participations SA - Are you struggling to match networking resources to your cloud estate?**

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14 April 2022

Private Companies News via PUBT

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English

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Are you struggling to match networking resources to your cloud estate?

April 14, 2022 [Dave Van Meer](#) , [Cloud](#)

Enterprises today are adopting multicloud to shore up business resilience, exploit scalability, accelerate innovation, and deliver on differentiation. When cloud grows, networking grows and complexity/costs increase. But some are struggling to accurately match network resources to an increasingly complex distributed cloud estate. This is where cloud networking comes into its own.

According to Gartner, client interest in cloud networking has gone up five times in the past 12 months as enterprises note that the native networking capabilities of public cloud providers are often insufficient for some of their production workloads, slowing down development and time to market.

Cloud networking looks after network resources and how these are managed, connected and controlled in the cloud. For example, it provides resilience, elasticity, automated network testing and updates. Cloud networking automates highly complex tasks while delivering unprecedented levels of centralized control and visibility over the cloud estate to ensure it is fully optimized and delivers on business value.

Within a cloud networking model, all an organization's network resources are hosted in the cloud, including routers, firewalls, bandwidth and network management. It provides connectivity between applications and workloads wherever they reside. This simplifies operational complexity and offers centralized management, visibility, governance, security and policy across all clouds. All are available on demand and managed by the in-house IT team or a third party.

Analysts estimate that today 92% of enterprises have a multicloud strategy, and 82% have a hybrid cloud strategy. And on average, enterprises use 2.6 public and 2.7 private clouds. This expanding cloud estate makes management and visibility extremely difficult. Cloud networking can use a software-as-a-service (SaaS) model to provide complete visibility and ongoing analysis into deployments and the network's overall health.

But, as Gartner points out, networking features and operational approaches vary widely across cloud providers, creating cracks in the overall system and management challenges with multicloud deployments. Cloud networking can fill these gaps and significantly improve operational efficiencies.

#### Enabling consistent networking features and management

Connectivity between clouds is becoming more complex, especially with the increase in cloud native and composite applications built for specific cloud environments. Cloud networking is an obvious route where clouds would otherwise have disparate capabilities. Gartner advises that to overcome workload shortcomings from cloud providers, enterprises should increase their investments in cloud networking solutions offered via consumption-based pricing with well-documented APIs to meet the needs of cloud and DevOps teams.

For example, we currently have one international customer with 309 virtual private clouds (VPC). They expect this figure to rise to 5,000 VPCs in the next two years. Enabling consistent features and management is impossible without cloud networking. In addition, the beauty of cloud networking is that it can be deployed in multiple cloud environments numbering private, public and edge locations and can be self managed or delivered as a service.

Orange Business Services has been quick to recognize the benefits of cloud networking. For this reason, we have teamed up with Aviatrix, which provides an enterprise cloud networking platform that allows enterprises to deploy a high availability multicloud network data plane. We provide the platform as a managed or integrated service.

The cloud networking platform delivers a single, common platform for cloud networking, regardless of the public cloud providers used. It provides end-to-end and high-performance encryption, multicloud security domains and operational data repeatable across clouds - providing a consistent experience across clouds.

Orange Business Services cloud networking orchestrates and automates otherwise complex and manual connectivity processes. At the same time, it aggregates critical data about the network, security connections and configurations centrally.

The solution enables enterprises to take back control, reduce costs and speed deployment, while also giving visibility of their cloud estate and shifting focus from attempting to manage disparate clouds on networks to controlling a consistent global cloud network.

A single network. Many clouds

Every cloud is different. Each cloud provider has different networking architectures and limitations. Enterprises can attempt to find time-consuming workarounds or build a single, connected multicloud architecture. The latter is the ultimate destination for any enterprise looking to get real depth and scalability from their cloud investments.

Moving to cloud maturity

We can support our customers through their entire cloud maturity journey from end to end.

Multicloud networking addresses multicloud and distributed cloud in large cloud deployments where infrastructure as code (IaC) is a prerequisite. IaC is the automatic managing, monitoring and provision of resources via code rather than manual configurations.

For single cloud and less mature deployments, we provide cloud networking services based on hyperscaler native tools and services.

Dave Van Meer

Dave van Meer is Head of Solutions at Orange Business Services in Netherlands. He brings 20 years of extensive leadership in the Consulting and Managed Services ICT industries. As in his career, he also values relationships in his private life and is people centric. He loves to spend time with his family and friends. His lifetime hobby and sport is volleyball, on the court and on the beach.

\* [Original Link](#)

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**The Linux Foundation and Google Cloud Launch Nephio to Enable and Simplify Cloud Native Automation of Telecom Network Functions**

2,624 words

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English

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New Open Source Project at the Linux Foundation brings Cloud, Telecom and Network functions providers together in a Kubernetes world

SAN FRANCISCO, April 12, 2022 /PRNewswire/ -- Today, the Linux Foundation, the nonprofit organization enabling mass innovation through open source, announced the formation of project Nephio in partnership with Google Cloud and leaders across the telecommunications industry. The Linux Foundation provides a venue for continued ecosystem, developer growth and diversity, as well as collaboration across the open source ecosystems.

Building, managing and deploying scalable 5G networks across multiple edge locations is complex. The Telco industry needs true cloud-native automation to be faster, simpler and easier, while achieving agility and optimization in cloud based deployments. To address these challenges, Google Cloud and the Linux Foundation have founded "Nephio." The project has support from several founding organizations including Service providers: Airtel, Bell Canada, Elisa, Equinix, Jio, Orange, Rakuten Mobile, TIM, TELUS, Vapor IO, Virgin Media O2, WINDTRE as well as Network Function, Service and Infrastructure Vendors: Aarna Networks, ARM, Casa-systems, DZS, Ericsson, F5, Intel, Juniper, Mavenir, Nokia, Parallel Wireless, VMware.

Cloud Native Principles have come a long way and as we see Cloud Service Providers collaborating with Telecom Service Providers and Enterprises, a new way of simplifying automation of network functions is emerging.

Nephio aims to deliver carrier-grade, simple, open, Kubernetes-based cloud native intent automation and common automation templates that materially simplify the deployment and management of multi-vendor cloud infrastructure and network functions across large scale edge deployments.

Additionally, Nephio will enable faster onboarding of network functions to production including provisioning of underlying cloud infrastructure with a true cloud native approach, and reduce costs of adoption of cloud and network infrastructure.

Google Cloud

"Telecommunication companies are looking for new solutions for managing their cloud ready and cloud native infrastructures as well as their 5G networks to achieve the scale, efficiency, and high reliability needed to operate more cost effectively," said Amol Phadke, managing director, Telecom Industry Products & Solutions, Google Cloud. "We look forward to working alongside The Linux Foundation, and our partners, in the creation of Nephio to set an industry open standard for Kubernetes-based intent automation that will result in faster and better connected cloud-native networks of the future."

Linux Foundation

"Collaboration across Telecom and Cloud Service Providers is accelerating and we are excited to bring Nephio to the open source community," said Arpit Joshipura, GM Networking, Edge & IOT, The Linux Foundation, "As end users demand end to end open source solutions, projects like Nephio complement the innovation across LFN, CNCF, LF Edge for faster deployment of telecom network functions in a cloud-native world."

More information about Nephio is available at [www.nephio.org](http://www.nephio.org).

Service Providers

Airtel

"Zero touch deployment, configuration and operations of network functions predominantly on the edge of the network and in multi-cloud and multi-vendor scenarios is a significant challenge for all operators across the globe. A cloud-native orchestration and automation approach is the absolute need of the hour. Airtel is looking forward to being part of the LF and Google initiative to develop innovative solutions to simplify network operations," said Manish Gangey, SVP and Head -- R&D, Bharti Airtel.

#### Bell

"Similar to our early participation in the Linux Foundation ONAP initiative, Bell Canada is thrilled to collaborate in this next chapter of Telco softwarization," said Petri Lyytikainen, VP Network, Bell Canada. "With innovations like 5G, ORAN and a new era of distributed cloud computing, Nephio and its community will be key in accelerating network and infrastructure automation towards a true cloud-native and intent-driven approach. This important work will help drive the evolution of network technology that will benefit Bell customers and the telecoms industry in Canada for years to come."

#### Elisa

"Elisa has a long history of network automation and cloud services. That has been utilized by the leading network analytics and automation solution provider Elisa Polystar," said Anssi Okkonen, CEO of Elisa Polystar. "We are looking forward to working together with Linux Foundation, Google Cloud and Nephio community to enable new cloud-native automation solutions for building the tools for self-driving networks."

#### Equinix

"We believe in innovation through collaboration and are pleased to join the Nephio project to help build advanced digital infrastructure orchestration capabilities for telco (5G) cloud native network functions," said Justin Dustzadeh, CTO at Equinix. "We look forward to collaborating with the developer community and members of the Nephio project to make it easier for developers to manage distributed infrastructure and help businesses drive digital transformation."

#### Jio

"Jio is excited to be part of the Nephio initiative. At a time when 5G Standalone deployments are rapidly coming on-stream globally, Nephio will play a pivotal role in the journey of telcos towards adopting a cloud native 5G Network," said Aayush Bhatnagar, SVP, Jio.

#### Orange

"For telecom operators, Cloud Native technologies will unleash many new opportunities. By providing a cloud native intent automation framework, Nephio should play a key role in the telecommunications ecosystem by enabling on-demand connectivity and zero touch operator capabilities, thus benefiting the entire industry, developers, vendors, integrators, operators," said Laurent Leboucher, group CTO and SVP, Orange Innovation Networks.

#### Rakuten Mobile

"The telecommunications industry is undergoing transformative change, with cloud native technologies bringing the industry into the modern era. When building Rakuten Mobile's cloud native network in Japan, we understood the challenges of an open ecosystem and also realized the many benefits of cloud architecture, including automation, zero-touch provisioning and unprecedented agility. We're excited to join Nephio in working to reimagine what telecommunications can be in the cloud era," commented Sharad Sriwastawa, CTO, Rakuten Mobile.

#### TIM

"We believe that the adoption of Cloud Native technology and philosophy will represent a cornerstone for the future of telecommunications, merging the world of cloud services and the world of telco services into one single digital platform. The automation framework is probably the most sensitive and strategic part of this platform that will be able to stimulate innovation during coming years," said Crescenzo Micheli, VP Technology & Innovation at Telecom Italia (TIM). "We believe the Nephio project could play a fundamental role to speed up this process."

#### TELUS

"TELUS is excited to be contributing to this Linux Foundation project. Innovation and collaboration have been a life-long journey for us; accelerating the adoption of Cloud Native technologies is a must to meet our customers' ever-changing expectations," said Ibrahim Gedeon, CTO at TELUS. "We are excited to build on our 10-year strategic partnership with Google Cloud and collaborate with the Linux Foundation. Together we



will maximize the scalability and agility of our global-leading network, simplifying and rethinking the operating digital models of our customers while building a better future for all Canadians and globally. This cannot be more true than with 5G and fiberizing the world as we enter a new era of hyper-connectivity. Combining high speeds, bandwidth and reliability with cloud computing and automation will transform the way we operate, enabling solutions like smart cities and connected cars and transforming key verticals across agriculture, healthcare and manufacturing."

#### Vapor IO

"Nephio depends on critical underlying infrastructure like Vapor IO's Kinetic Grid to automate the deployment of carrier-grade network functions," said Cole Crawford, founder & CEO of Vapor IO. "Automating at-scale operations across multiple clouds is a complicated task. We applaud Google for selecting the Linux Foundation for bringing these capabilities to market via an open source platform. This could be a watershed moment in the telecom industry, transforming historically complicated network deployments and operations into cloud-native workflows with high degrees of automation. This will lower the cost of 5G deployments and increase the overall competitiveness of the telecom industry."

#### Virgin Media O2

"We are continually looking at improving and evolving our automation strategies, especially around Kubernetes. We are incredibly motivated to work closely with the Linux Foundation and Nephio toward network automation and the process of using software to automate network and security provisioning and management to maximize network efficiency and functionality continuously," said Paul Greaves, head of Automation and Orchestration Virgin Media O2.

#### WINDTRE

"Cloudnative platforms are an essential offering for accelerating the enterprises' digitization journey plans over the next few years. Nephio, the new automation model based on Kubernetes, is the step to support the evolution of 5G networks and the edge infrastructures for dynamic services. We are pleased to be part of the Nephio community," said Massimo Motta, Architecture and governance director of WINDTRE.

#### Network Function, Service and Infrastructure Vendors

##### Aarna Networks

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#### The Linux Foundation and Google Cloud Launch -2-

"We actively utilize and contribute back to Linux Foundation Networking projects to help customers simplify the orchestration, lifecycle management, and automated service assurance of 5G networks and edge computing applications," said Amar Kapadia, co-founder and CEO, Aarna Networks. "Similarly, we look forward to collaborating on the Nephio project to simplify numerous platform, infrastructure, and network pain points of 5G and edge deployments."

##### Arm

"5G is expected to be the fastest-deployed mobile technology in history, but only if we can remove the barriers to efficient large-scale deployment. The founding of Nephio brings the benefits of cloud native technology to 5G networks, improving operational agility and reducing deployment costs so that we can economically meet the surge in connectivity demand," said Eddie Ramirez, VP, Infrastructure Line of Business, Arm.

##### Casa Systems

"Next-generation networks require the flexibility and agility of the cloud at the network edge. We are pleased to be working with the Linux Foundation, Google and the broader community of partners on the Nephio initiative to develop industry standards for cloud-native, Kubernetes-based automation and orchestration solutions that will enable tomorrow's all-connected world," said Gibson Ang, vice president of Technology and Product Management, Casa Systems.

##### DZS

"As an advocate of open standards-based solutions for the network edge, DZS enthusiastically supports this joint initiative with the Linux Foundation and Google. We look forward to collaborating with global converged carrier customers of DZS and other ecosystem partners on the Nephio project as we usher in a new era of connectivity by addressing the industry demand for multi-domain, software-driven automation and orchestration across distributed cloud-native networks for 5G and beyond," said Andrew Bender, CTO, DZS.

## Ericsson

"The openness and flexibility of the 5G cloud native architecture brings significant opportunities for CSPs to expand existing business as well as building new business for enterprise customers. For CSPs to scale the business, simplification and automation of lifecycle and workload management across hybrid and multi cloud environments is key," said Anders Vestergren, head of strategy portfolio and technology, Business Area Digital Services, Ericsson. "We look forward to collaborating with other industry leaders as part of the Nephio project to enhance Kubernetes with an industry-standard automation framework for cloud native deployments."

## F5

"F5 has been partnering with many service providers in their transformation journey building and operating cloud-native infrastructure for 5G, with special focus on scaling and securing telco protocols and workloads. We are excited to join the Linux Foundation and the Nephio project to help accelerate our customers' digital initiatives," said Ankur Singla, SVP, GM, Distributed Cloud Services, F5.

## Intel

"Innovation at the edge is the next frontier of business opportunity. Nephio is a ground-breaking step to provide Cloud Service Providers with a carrier-grade, open, and extensible Kubernetes-based cloud-native automation framework, and common automation templates that simplify large scale edge deployment. We are pleased to be working in collaboration with the Linux Foundation and broader Nephio community to help simplify edge automation," said Rajesh Gadiyar, VP and CTO, Network Platforms Group at Intel.

## Juniper

"Kubernetes-centric automation, leveraging cloud native principles, is an integral part of Juniper Networks' experience-first networking strategy. We are therefore excited to join the Nephio project at the Linux Foundation as a founding partner, continuing Juniper's long-standing tradition as a major supporter of and active contributor to the open source community. We look forward to working with other leading technology companies and mobile operators, as well as the broader Kubernetes open source community, to ensure that Nephio helps to advance cloud native automation at scale, for the benefit of all." Constantine Polychronopoulos, VP of 5G & Telco Cloud at Juniper Networks.

## Mavenir

"Network automation is a key driver for Telco network cloudification. A Kubernetes native automation framework with proven success in other vertical applications automation is promising for the Telco space. We are pleased to be part of the Google/Linux Foundation initiative to accelerate this move on the public cloud and look forward to collaborating with the Nephio community," said Bejoy Pankajakshan, CTSO of Mavenir.

## Nokia

"Nokia has always led in the drive to deliver open cloud-based networks and services that usher new value and possibilities of customer experience that fuel revenue growth for everyone. Automation of deployment, configuration and operations of network functions, that work seamlessly in a complex multi-cloud and multi-vendor network environment, are key to achieving the above goals. Nokia is pleased to join its customers and partners in a collaboration to co-innovate on the 'democratic' building blocks for the right tools of tomorrow's networks." Jitin Bhandari, CTO, Cloud and Network Services, Nokia

## Parallel Wireless

Steve Papa, CEO, Parallel Wireless, said, "Parallel Wireless is cloudifying 2G 3G 4G and 5G Open RAN and the Google/Linux Foundation initiative cloud-native architecture will allow fast deployment of RAN services on site, fast and fault-proofed upgrades and scalability -- where resources can be scaled in an instant based on the end-user needs. Parallel Wireless is proud to join this initiative to help mobile operators modernize their networks via cloudification and bring innovation and cost savings."

## VMware

Lakshmi Mandyam, vice president of product management and partner ecosystems, Service Provider & Edge, VMware, said, "CSPs are embracing multi-cloud to create revenue-accelerating services, reduce operational costs and simplify network operations. VMware's vision for CSPs enables a cloud-first approach to management and orchestration across the core, RAN and edge, aligning with the goals of the Linux Foundation and Nephio project. We look forward to contributing to this initiative that will foster a multi-vendor ecosystem and support faster on-boarding, automation and life-cycle management for cloud-native networks."

## About Nephio

Nephio's goal is to deliver carrier-grade, simple, open, Kubernetes-based cloud-native intent automation and common automation templates that materially simplify the deployment and management of multi-vendor cloud infrastructure and network functions across large scale edge deployments. Nephio enables faster onboarding of network functions to production including provisioning of underlying cloud infrastructure with a true cloud native approach, and reduces costs of adoption of cloud and network infrastructure. More information can be found at [www.nephio.org](http://www.nephio.org).

## About the Linux Foundation

The Linux Foundation is the organization of choice for the world's top developers and companies to build ecosystems that accelerate open technology development and commercial adoption. Together with the worldwide open source community, it is solving the hardest technology problems by creating the largest shared technology investment in history. Founded in 2000, The Linux Foundation today provides tools, training and events to scale any open source project, which together deliver an economic impact not achievable by any one company. More information can be found at [www.linuxfoundation.org](http://www.linuxfoundation.org).

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SOURCE The Linux Foundation

(END)

Document PRN0000020220412ei4c000zw

## Kenya's telecoms operators buy into mobile money

Kennedy Senelwa

364 words

12 April 2022

14:56

bne IntelliNews

BNEINT

English

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Kenya's telecoms operators have announced interoperability across their mobile money service platforms, allowing customers to make **payments** to the Lipa Na M-PESA Buy Goods Till from three networks.

This is the first phase of interoperability, allowing Kenyans to make mobile money **payments** to an M-PESA Buy Goods Till over Safaricom, Airtel Money and T-kash of Telkom Kenya.

"The service will exclusively be applicable to Lipa Na M-PESA Buy Goods and excludes PayBills," said Safaricom's Chief Executive Officer Peter Ndegwa in an April 8 press release.

He said that Safaricom, Kenya's largest mobile operator, is delighted to partner with other industry players to empower mobile money customers to make payments through Lipa Na M-PESA.

The partnership builds on the rollout of mobile money interoperability making it possible for customers to send and receive money from any network in the country.

The second phase will see Kenyans make mobile money payments from Safaricom's M-PESA platform to Airtel Money's Till Numbers and Airtel Kenya's T-kash.

The move to complete merchant interoperability aims to enable customers on T-kash, M-PESA, and Airtel Money platforms to make direct mobile money payments to any merchant till number, across all networks, boosting service adoption and cashless payment convenience.

The proposition meets the National Payments Strategy, 2022 – 2025 goals of trust, security, usefulness, choice and innovation, launched by the Central Bank of Kenya in February 2022.

"Kenya remains a global leader in the adoption of mobile money, with transactions in the billions of shillings reflecting the evolving customer demand for secure transactions," Telkom chief executive Mugo Kibati said.

He said T-kash is the culmination of extensive research on evolving customer demands, such as the need for security, simplicity, availability and diversified service offering.

"I am delighted to see Kenya take this big step to enable customers make payments to mobile money merchants, irrespective of their mobile money provider," Airtel chief executive Prasanta Sarma said.

He said customers of Airtel Kenya will also experience a dynamic, secure, convenient, more affordable digital payment ecosystem for personal and business payments.

Document BNEINT0020220412ei4c0025t

## **Orange Spain starts TVOD offer with Rakuten**

103 words

12 April 2022

Telecompaper Europe

TELEUR

English

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Orange Spain announced an agreement with Rakuten TV to add the VoD service to its TV **platform**. The dedicated section on Orange TV will be called 'Videoclub by Rakuten TV' and give Orange customers the chance to buy pay-per-view movies (TVOD).

Up to 6,000 titles will be available, including some of the most recent films just weeks after they premiered in cinemas and classic library titles.

Rakuten said this is part of a new strategy to increase its cooperation with telecom operators offering VOD services as well as expand in its existing markets.

Document TELEUR0020220412ei4c000gq



## **Orange Egypt signs payment services deal with Visa**

98 words

12 April 2022

Telecompaper Africa

TELAFR

English

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Orange Egypt has signed an agreement with Visa to provide a range of exclusive digital payment services via virtual and physical bank cards to Orange Cash wallet customers. They will be able to conduct online and store purchases using Visa payment services domestically and internationally. Visa will also grant premium benefits to Orange Premier customers/

The agreement enables customers to use Visa's global network to execute financial transactions from the Orange Cash wallet. It will also expand the QR code service to help merchants accept **payments** from Orange cash wallet.

Document TELAFR0020220412ei4c0008d

## Orange Egypt signs exclusive agreement with Visa for Orange Cash customers

363 words

12 April 2022

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Mist News

MISTNW

English

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Orange Egypt signed an exclusive agreement with Visa — the world leader in digital **payments** — this week to provide a suite of advanced, unique, and exclusive digital payment solutions through virtual and physical bank cards that will enable Orange Cash wallet customers to complete financial transactions in a fast, efficient, and safe manner, while contributing to the state's efforts to go cashless.

This exclusive agreement comes in line with Orange's keenness to enrich its customer experience with advanced services. Orange Cash customers will manage to conduct online and in store purchasing transactions using Visa's various payment services whether domestically or internationally. Visa will also provide unique products that grant premium benefits to Orange Premier customers.

The agreement enables customers to use Visa's global network to execute all financial transactions from Orange Cash's wallet. It will also expand the QR code service to help merchants accept payments from the digital wallet.

During the signing event, Noel Chateau — Chief Transformation and Operational Efficiency Officer at Orange Egypt — expressed his happiness with the new offers provided to Orange customers through this partnership with Visa — the world's largest network for electronic payments.

"Orange is always keen to provide its customers with new and unique features to facilitate their daily payments that save them time and effort," he added.

"An exclusive agreement with a global company such as Visa reaffirms Orange's position as the ideal partner for customers who seek to benefit from cutting-edge technologies related to digital transformation and electronic payment services," Chateau concluded.

"We at Visa are thrilled to sign a five-year partnership with the giant telecom operator Orange — one of the largest mobile network operators in Egypt. Through this partnership, we will tie our services and products to Orange Cash wallet and give customers the opportunity to use multiple issuing products. This comes as part of our plans to diversify payment methods, encourage digital payments, and support Egypt's moves towards a cashless economy. We commit to investing in this partnership to capture the extraordinary growth opportunity ahead of us," added Malak Al-Baba — Visa Egypt's Country Manager.

Document MISTNW0020220412ei4c000rt

## **Orange Egypt signs exclusive agreement with Visa for Orange Cash customers**

Shaimaa Raafat

365 words

12 April 2022

Daily News Egypt

DAINEG

English

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Orange Egypt signed an exclusive agreement with Visa — the world leader in digital **payments** — this week to provide a suite of advanced, unique, and exclusive digital payment solutions through virtual and physical bank cards that will enable Orange Cash wallet customers to complete financial transactions in a fast, efficient, and safe manner, while contributing to the state's efforts to go cashless.

This exclusive agreement comes in line with Orange's keenness to enrich its customer experience with advanced services. Orange Cash customers will manage to conduct online and in store purchasing transactions using Visa's various payment services whether domestically or internationally. Visa will also provide unique products that grant premium benefits to Orange Premier customers.

The agreement enables customers to use Visa's global network to execute all financial transactions from Orange Cash's wallet. It will also expand the QR code service to help merchants accept payments from the digital wallet.

During the signing event, Noel Chateau — Chief Transformation and Operational Efficiency Officer at Orange Egypt — expressed his happiness with the new offers provided to Orange customers through this partnership with Visa — the world's largest network for electronic payments.

"Orange is always keen to provide its customers with new and unique features to facilitate their daily payments that save them time and effort," he added.

"An exclusive agreement with a global company such as Visa reaffirms Orange's position as the ideal partner for customers who seek to benefit from cutting-edge technologies related to digital transformation and electronic payment services," Chateau concluded.

"We at Visa are thrilled to sign a five-year partnership with the giant telecom operator Orange — one of the largest mobile network operators in Egypt. Through this partnership, we will tie our services and products to Orange Cash wallet and give customers the opportunity to use multiple issuing products. This comes as part of our plans to diversify payment methods, encourage digital payments, and support Egypt's moves towards a cashless economy. We commit to investing in this partnership to capture the extraordinary growth opportunity ahead of us," added Malak Al-Baba — Visa Egypt's Country Manager.

Document DAINEG0020220412ei4c00002



**Orange Business Services Participations SA - Digital twins: from virtual models to tangible business benefits**

Orange Business Services Participations SA published this content on 11 Apr 2022 and is solely responsible for the information contained herein. Distributed by PUBT, unedited and unaltered, on 11 Apr 2022 20:37:24 UTC.

1,178 words

11 April 2022

Private Companies News via PUBT

PCNVB

English

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**Digital twins:** from virtual models to tangible business benefits

April 11, 2022 [Jan Howells](#) , [Big Data](#)

By 2025, 80% of industry ecosystem players will leverage their own product, asset, and process digital twins to share data and insight with other participants, according to IDC.

Digital twins are essentially dynamic, up-to-date models of a physical object or system. Centralizing data in one place eliminates data silos as all historical data and real-time data sit together. Digital twins offer a road to continuous improvement across lifecycles including better collaboration, informed decision making, reduced development time, accelerated risk assessment, optimized processes and predictive maintenance capabilities.

The digital models are fed with real data acquired by sensors within the real process. This data is processed using artificial intelligence (AI). Via the digital twins, users can simulate behaviors and predict how objects and processes will perform.

Applications for digital twins include predicting operations of products and processes in manufacturing, simulating behaviors and preventing failures in automotive production, and replicating the flow of people and raw materials to improve logistics. Digital twins are also pivotal to decreasing complexity in IoT ecosystems, according to Gartner.

"The rise of digital twins coincides with the rise of IoT. When buying machines and other assets, support for digital twins and continuous development of twin capabilities should be a selection factor," says W Roy Schulte, Distinguished Vice President Analyst, Gartner.

Digital twins: a source of continuous intelligence

Although digital twins can be used for various applications and hold varying degrees of data, they all follow the same concept.

The digital twin is twinned with one object or process, and as a mirror image of its counterpart in the physical world, it is unique and continuously updated. When you combine the data with prescriptive analytics or optimization algorithms, the digital twin can support human or automated decision making. The digital twin can, for example, estimate the next maintenance schedule for a production line to avoid unnecessary downtime. With a digital twin, technicians can monitor wind turbines, follow their models in real time, and assess breakdown risks using machine-learning algorithms instead of going onsite, for example. This is a huge advantage in monitoring off-shore windfarms.

At Mobile World Congress this year, Orange demonstrated how a digital twin platform and an IoT application can be optimized to increase manufacturing flows. Using a digital twin together with a smart mobile tracking application, all the parts on a production line are sequenced in order of use. Any missing parts are highlighted and can be located rapidly in real time to increase the reliability of production processes while reducing costs. It also has the potential to improve the quality and speed of delivery of manufactured goods.

Digital twins deployed alongside other technologies including IoT, extended reality, data analysis and machine learning are rapidly being adopted in many industries. In France, for example, engineering company Cervval, France Énergies Marines (the French institute for energy transition dedicated to offshore renewable

energies) and IMT Atlantique engineering school have launched the SubSEE 4D project to improve the operation of wind farms using a solution that couples a digital twin with deep learning methods.

In the area of health, the European Commission is funding the SimCardioTest, designed to speed up the adoption of digital simulation for the design of cardiac drugs and devices.

#### Challenges of adopting digital twins

Creating an end-to-end digital twin platform is not an easy task. It is not a single technology but created through multiple technologies, including visualization, workflow and APIs to share data from multiple sources, a machine-learning framework for real-time decision making, and real-time data ingestion.

The concept of digital twins has yet to go mass market, so there aren't any industry-ready products on the shelves. However, there are vendors offering industry-specific digital twins to use with their own proprietary platforms such as those targeted at the construction industry.

There is simulation software available that provides the framework for building digital twins. There are also subscription and consumption-based digital-twin solutions emerging. Microsoft Azure Digital Twins can be utilized to design a digital twin that represents actual IoT devices in a wider cloud solution. AWS IoT TwinMaker also provides a simplified approach to developers to create digital twins.

It is advisable to first create a minimum viable product (MVP) of a digital twin. This helps to identify best practices, avoid mistakes and learn from insight. The digital twin can then be scaled up from this.

#### Quality data and security should be top of mind

Digital twins utilize data from a host of remote sensors. To put in place effective digital twins, data quality and context are crucial. Enterprises must be able to filter out bad data to have confidence in recommendations made.

In addition, digital twins depend on sensors for their data, which are connected to IoT devices. Each endpoint represents a possible security vulnerability.

Attacking a digital twin could provide cybercriminals with business-critical information. Therefore, it is essential that enterprises address their security postures on deploying digital twins. This includes looking at encryption and access privileges and running security audits.

#### Consider working with a partner

Digital twins are proving to be invaluable across industries. As we have outlined earlier, creating digital replicas comes with challenges when it comes to issues such as data quality and security. Many enterprises may see business cases for digital twins but not have the insight to start on a project.

This is where a partner like Orange Business Services can help guide you through creating digital twins and ensure that you build simulations that best match your business requirements.

Orange Business Services experience in digital twins and IoT includes condition monitoring, predictive maintenance, automated quality control and the management of fuel, energy and water usage.

With the cost of digital-twin technologies declining, there has never been a better time to implement digital replicas to improve design and productivity efficiencies.

Learn more about [how digital twins are being developed in industries like medicine, energy and transport](#).

Recommended for you

\* [Training data - the hidden agenda behind AI](#)

\* [Second site: how IoT can drive connected construction forward](#)

\* [With attacks on critical infrastructure on the rise, OT security needs a rethink](#)

Jan Howells

Jan has been writing about technology for over 22 years for magazines and web sites, including ComputerActive, IQ magazine and Signum. She has been a business correspondent on ComputerWorld in Sydney and covered the channel for Ziff-Davis in New York.

\* [Original Link](#)

#### Disclaimer

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Document PCNVB00020220411ei4b00ayi

## Kenya's cell phone operators join initiative to drive seamless payments

292 words

11 April 2022

08:48

MarketLine News and Comment

DTMNTR

English

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Kenyan cell phone operators have agreed to enable mobile payments across their networks in line with the central bank's initiative to unify payment systems in the country, reported Bloomberg News.

The first phase of the project will see Telkom Kenya and Airtel Networks Kenya allowing their customers to pay for products and services through Safaricom's M-Pesa.

In the second phase, the customers will be able to make payments from M-Pesa to till numbers on the Airtel Money and Telkom's T-Kash platforms.

The move is part of the Central Bank of Kenya's (CBK) efforts to enable seamless payments across networks to help customers send and receive money from any bank and fintech

The bank noted that the merchant interoperability of mobile money services will further expand the digitalisation of payments to businesses that are using the already extensive mobile money rails, and help customers to make payments with convenience.

CBK said in a statement: "The lack of full interoperability has increased the complexity, time and costs associated with making payments. As outlined in the National Payments Strategy 2022-2025 the overall aim is to provide customers with a seamless, secure and affordable means to send and receive money in any network.

"CBK will continue to guide and facilitate the efforts to achieve full-scale interoperability across the payments ecosystem."

In April last year, Absa Bank Kenya launched a contactless payment solution for purchasing goods and services at fuel stations, retail stores and other outlets.

In February last year, Digital fintech platform provider Ukheshe signed a new agreement with Nairobi-based lender KCB Bank Kenya to drive East African payment service.

DA918296-0E39-4076-9380-CF36C705E1F2

Document DTMNTR0020220411ei4b00031

## **Orange Jordan supports 'Giglancing' online training scheme to foster casual labour**

127 words

11 April 2022

Telecompaper Middle East

TELEAST

English

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Orange Jordan has launched the "Giglancing Programme" in cooperation with the Crown Prince Foundation and in **partnership** with Better Business, a Jordanian management consultancy specialising in personnel training, and Khibraty, an online freelance work brokerage. The aim is to encourage young people to undertake freelance work. The giglancing programme seeks to train 1,000 young people and job seekers in the tech field or other specialisms.

Through its strategic CSR programmes, Orange Jordan strives to reduce unemployment. The casual work sector is growing, especially since Covid. Training sessions will be given by experts in the fields of self-employment and will be held online to facilitate attendance. Participants will receive a certificate upon completing the course.

Document TELEAST020220411ei4b0005I



## Orange France uses SoftAtHome's software **platform** for new Livebox 6

127 words

11 April 2022

Telecompaper Europe

TELEUR

English

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Orange France is relying on the expertise of software developer SoftAtHome for the [latest version of the Livebox router](#), equipped with Wi-Fi 6E. A long-standing partner of Orange, SoftAtHome already provides its software **platform** for the Livebox 5. With this latest collaboration, the operator is using SoftAtHome's Wifi'ON, Eyes'ON and Connect'ON products to equip the Livebox 6 with several new features.

Among them, a deep sleep mode enables the router to reduce energy consumption below 0.3 W, complementing the standby function. Additionally, the Livebox 6 comes with an automated "green mode", which activates the use of the 6 GHz band only when a Wi-Fi 6E device is detected within range.

Document TELEUR0020220411ei4b0005o

# BUSINESS DAILY

Columnists

**Lipa Na M-Pesa access will boost innovation**

MUTUA MUTUKU

675 words

11 April 2022

Business Daily

BUSIDA

English

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Safaricom's #ticker:SCOM Lipa Na M-Pesa will take **payments** from Airtel and Telkom Kenya. Airtel and Telkom will benefit from interoperability. Over the past few years, chorus of voices, led by regulators such as the Central Bank of Kenya (CBK) and Communication Authority (CA), have called for action to rein in telco power.

They have found an answer in interoperability, which refers to the capacity of information systems to interchange data and share information.

This technological advancement improves both the creation of new items and the manufacture of products through more efficient manufacturing procedures. That is, the ability to share data between different components or machines, via software and hardware.

Basically, the capacity of computerised systems to link and interact with one another is critical to the modern economy, even if they were designed by vastly disparate producers in disparate industries.

The right of new market entrants—commercial and non-profit, individual and institutional—to link their products and services to existing ones, particularly dominant ones, has long been argued as it lowers the entry barrier for newcomers—including small businesses—to use the infrastructure that big businesses have built.

Accordingly, interoperability is a critical policy for a competitive market since it reduces network effects, which keep users locked into a conglomerate's ecosystem.

It's a terrific goal, simple to envisage a future where users have fewer switching costs, incumbents have less protection, and everyone benefits from greater innovation. Data flow is the essence of interoperability.

Thus, privacy harms resulting from telco monopolies are extensive and well-documented. For that reason, enabling competitive compatibility helps loosen dominant platforms control over how their services are used.

A crucial collateral benefit of interoperability and competition is the potential to improve user privacy. Consequently, competition gives users more power to decide how their information is shared and with whom, and to move to different services when one is not sufficiently respecting their privacy, and chip away at the multifaceted surveillance networks that a handful of large companies deploy.

Since telcos have never been effective stewards of sensitive user data, and the laws have never provided the correct instruments to safeguard it, new entrants make it simpler to establish privacy-preserving alternatives, pressuring incumbents to do better, by allowing customers to move away when they don't.

With the above comes the adage 'data subject right of data portability'. Whereby, data subjects deserve to do what they want with their data, and have a right to quickly, easily access or move data that a platform has about them. Data portability is a relatively easy policy lift since laws have created a wide data portability mandate.

Further, portability should be less of a technical lift and users ought to access their data in a useful, accessible form.

But there's a catch: regulations that promote interoperability may erode the instruments that enterprises employ to safeguard customers.

Taking away freedom

We'll need to deconstruct some of the legal instruments that firms employ against bad actors to allow for tinkering and unofficial innovation. We'll take away corporations' entire freedom over when and with whom they disclose data in to legislate on baseline standards of interoperability.

Furthermore, greater interoperability implies that businesses must devise new ways to exchange and gather personal data, thus posing a novel privacy risk.

Another snag is that interoperability allows for the infringement of exclusive intellectual property rights in the public interest by necessitating the issuance of licences to third parties wanting to enter or remain on the market.

The Microsoft Corporation v European Commission case is the most well-known example of this. Microsoft's refusal to give interoperability-related information to its rivals in the workgroup server market was found to be an abuse of dominance.

We can imagine a world where interoperability, proprietary rights and privacy coexist, and abusive monopolists are not deputised to operate as the State's private arm.

Mutua K Mutuku, Data compliance & Intellectual Property Law expert

Document BUSIDA0020220411ei4b0000p



## **French networks end March with 24,000 5G cell sites in or ready for service**

322 words

11 April 2022

Telecompaper Europe

TELEUR

English

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The number of 5G cell sites emitting a signal across mainland France rose by 480 in March to reach 24,046 as of 01 April, according to spectrum agency ANFR. The pace of deployment was stable compared with February, while remaining below the level of previous months (+905 and +1,226 in January and in December respectively). Antennas in or ready for commercial service represented 73 percent of the **infrastructure** sites (32,925) on which network operators have already obtained permits to roll out 5G.

Iliad subsidiary Free Mobile remained the only French operator to deploy 5G on 700 MHz spectrum. Its 5G footprint included 14,568 sites already on air (+304 during March), out of 19,289 permits secured for this frequency band.

Across the three spectrum bands used for 5G, 3.5 GHz frequencies saw the highest number of site activations month-on-month (+446 from +350 in February), all four networks combined. Meanwhile, the pace of activations slowed down for sites using 2.1 GHz frequencies (+129 from +190 in February), across the three networks using these frequencies (Bouygues Telecom, Orange and SFR).

In terms of overall footprint, Free Mobile had the largest number of 5G sites as of 01 April (14,584), as well as leading in 5G permits (19,294). In comparison, Bouygues, SFR and Orange totalled 7,056, 5,703, and 3,492 active 5G sites respectively.

Looking at LTE, Free Mobile recorded the best activations during March, adding 164 cell sites across four frequencies bands (1.8/2.1/2.6 GHz and 700 MHz). Orange (+97) kept a significant lead in overall LTE sites in service (27,790). SFR (+80) maintained its second place with a footprint of 23,071, followed by Bouygues (22,952) and Free Mobile (21,772).

Document TELEUR0020220411ei4b00030



Industry economics

**Kenya launches mobile money merchant interoperability service to boost financial inclusion**

173 words

8 April 2022

15:40

Xinhua News Agency

XNEWS

English

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NAIROBI, April 8 (Xinhua) -- Kenya on Friday launched mobile money merchant interoperability across different telecom networks in order to boost financial inclusion.

The Central Bank of Kenya (CBK) said that interoperability by Airtel Kenya, Safaricom and Telkom Kenya is an important step in the evolution of Kenya's payment services, as it allows customers of these mobile money providers to make **payments** to any merchant regardless of the network they subscribe to.

"This new service will further deepen the digitalization of payments to large and small businesses using the already extensive mobile money rails, and therefore enabling customers to conveniently make payments," CBK said in a statement.

According to the apex bank, without merchant interoperability of mobile money services, customers were forced to use alternative payment methods that increased the complexity, time and costs associated with making payments.

CBK said that it will continue to guide and facilitate the efforts to achieve full-scale interoperability across the payments ecosystem.

Enditem

Document XNEWS00020220408ei4800di5

## Orange Sierra Leone launches 4th edition of social venture competition

152 words

8 April 2022

Telecompaper Middle East

TELEAST

English

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Orange Sierra Leone has launched the fourth edition of Orange Social Venture Prize (OSVP) and participants with the best ideas stand to win a cash prize of SLL 150 million. Head of PR Annie Wonie Katta said Orange is positioned as the lead digital partner for start-ups in Africa and the Middle East, which is why Orange Middle East and Africa (OMEA) initiated the OSVP twelve years ago. The aim is find the best technological projects with a positive impact on **education**, health, agriculture, mobile **payments** or sustainable development.

The competition is organized annually in all seventeen Orange affiliates in Orange Middle East and Africa and the three winners from each of the seventeen countries have an opportunity to compete in a grand international contest, in which one out of the 51 contestants emerges as the winner of EUR 25,000 .

Document TELEAST020220408ei48000b5

## Orange Sierra Leone launches 4th edition of social venture competition

152 words

8 April 2022

Telecompaper Asia

TELASI

English

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Document TELASI0020220408ei48000gp

## Orange Sierra Leone launches 4th edition of social venture competition

152 words

8 April 2022

Telecompaper Africa

TELAFR

English

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Orange Sierra Leone has launched the fourth edition of Orange Social Venture Prize (OSVP) and participants with the best ideas stand to win a cash prize of SLL 150 million. Head of PR Annie Wonie Katta said Orange is positioned as the lead digital partner for start-ups in Africa and the Middle East, which is why Orange Middle East and Africa (OMEA) initiated the OSVP twelve years ago. The aim is find the best technological projects with a positive impact on **education**, health, agriculture, mobile **payments** or sustainable development.

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Document TELAFR0020220408ei480008e

## Martello enters into partnership with Orange Business Services

558 words

7 April 2022

01:00

MarketLine News and Comment

DTMNTR

English

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Martello Technologies Group has signed a partnership with Orange Business Services ("Orange"), the business services arm of Orange SA, a global network-native digital services company.

Martello's Vantage DXaaS platform will be integrated in the Orange Business Together with Microsoft portfolio. As a global provider of end-to-end and fully managed collaboration services for multinational enterprises, Orange Business Services provides its customers with enriched collaboration solutions based on Microsoft Teams and leading Orange voice capabilities.

Orange Business Services is the first Microsoft 365 Direct Routing and Operator Connect partner in the world to add Vantage DX to its client offering. Microsoft 365 Operator Connect partners provide deeper integration into the Microsoft Teams platform to enhance and streamline the Teams Phone experience around networking, provisioning, management, and reporting APIs. This provides customers with a simplified and higher-quality calling experience that complements Microsoft offerings. Microsoft Teams Phone System has 80 million monthly active users, according to Microsoft.

"Martello's Vantage DX provides the solution to a key visibility gap in the delivery of Microsoft Teams Phone services," said Richard Heaps, Global Product Management lead for Unified Communication as a Service for Orange Business Services. "Until the introduction of Vantage DX, there was no superior solution on the market which could tell us exactly where there were performance problems impacting Teams calling or meetings. Vantage DX can identify whether these issues are related to the ISP, the SIP trunk provider or the session border controller (SBC), which makes our service delivery more proactive, efficient and competitive." Vantage DX is the only monitoring solution on the market today that provides end-to-end visibility into every component of a Teams Phone call or meeting. This allows IT personnel to identify where performance problems are occurring and who is impacted, enabling quick resolution. The result is Operator Connect partners like Orange can deliver consistently high-quality calling experiences.

Martello and Orange Business Services have already built a robust pipeline of potential global enterprise customers of Microsoft 365 and Teams. With several customer trials of VDX underway, Martello has provided Orange a consistent and scalable go-to-market plan that will enable quick adoption of the VDX solution.

Vantage DX optimizes the Microsoft 365 and Teams user experience, providing industry-leading end-to-end monitoring and analytics capabilities which are recommended by Microsoft. Vantage DX helps IT teams to rapidly prioritize and resolve performance issues such as network bandwidth or ISP limitations that impact the Microsoft Teams and Microsoft 365 user experience. Additionally, IT can proactively optimize future performance for users. Whether the user is working from home or the office, using Teams Phone or Sharepoint, Vantage DX provides actionable insight into Microsoft Teams and Microsoft 365 performance, reducing IT support tickets and mean time to repair.

"We're exceptionally pleased that Vantage DX has become a part of Orange Business Service's Operator Connect and Direct Routing as a Service offering," said John Proctor, President and CEO of Martello. "As demand for Microsoft Teams Phone continues to grow, we are pleased to provide Operator Connect partners like Orange with the industry's only Microsoft Teams monitoring solution which offers deep insight into every component of the Teams Phone call, ensuring these partners can deliver the exceptional call experiences that Microsoft Teams is known for."

ED2C17BA-19EF-49AA-9DEA-5B46D1E324B1

Document DTMNTR0020220409ei4700034



## **MTLO Martello, Orange Business enter Vantage DX partnership**

Stockwatch

714 words

7 April 2022

Canada Stockwatch

CNSW

English

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Martello Technologies Group Inc (TSX-V:MTLO)

Shares Issued 326,207,430

Last Close 4/6/2022 \$0.055

Thursday April 07 2022 - News Release

Mr. John Proctor reports

### **MARTELLO ANNOUNCES GLOBAL PARTNERSHIP WITH ORANGE BUSINESS SERVICES FOR VANTAGE DX**

Martello Technologies Group Inc. has entered a partnership with Orange Business Services, the business services arm of Orange SA, a global network-native digital services company. Martello's Vantage DX software-as-a-service platform will be integrated in the Orange Business Together with Microsoft portfolio. As a global provider of end-to-end and fully managed collaboration services for multinational enterprises, Orange Business Services provides its customers with enriched collaboration solutions based on Microsoft Teams and leading Orange voice capabilities.

Orange Business Services is the first Microsoft 365 Direct Routing and Operator Connect partner in the world to add Vantage DX to its client offering. Microsoft 365 Operator Connect partners provide deeper integration into the Microsoft Teams platform to enhance and streamline the Teams Phone experience around networking, provisioning, management and reporting APIs (application programming interface). This provides customers with a simplified and higher-quality calling experience that complements Microsoft offerings. Microsoft Teams' phone system has 80 million monthly active users, according to Microsoft.

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About Martello Technologies Group Inc.

Martello Technologies Group is a technology company that provides digital experience monitoring (DEM) solutions. The company's products provide monitoring and analytics on the performance and user experience of critical cloud business applications, while giving IT teams and service providers control and visibility of their entire IT infrastructure. Martello's software products include Vantage DX, which provides Microsoft 365 and Microsoft Teams end-user experience monitoring and analytics. Martello is a public company headquartered in Ottawa, Canada, with employees in Europe, North America and the Asia Pacific region.

We seek Safe Harbor.

Document CNSW000020220407ei4700cyp





## **Viaccess-Orca supports launch of Orange Belgium's new OTT services**

87 words

7 April 2022

Telecompaper Europe

TELEUR

English

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Viaccess-Orca (VO) announced that Orange Belgium launched its new TV service with Viaccess-Orca's Secure Video Player (VO Player). VO's Secure Video Player is deployed on TV decoders and mobile apps.

The VO Player allows Orange Belgium to comply with **content** owners' security requirements. The VO player is pre-integrated with a wide array of third-party encoders, packagers, analytics, advertising, app vendors, and **CDN**, ensuring smooth integration within the Orange Belgium OTT live TV **ecosystem**.

Document TELEUR0020220407ei47000md

## Tunisie Telecom sells Mauritanian unit Mattel to Telecel Group

224 words

7 April 2022

Telecompaper Africa

TELAFR

English

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Tunisie Telecom has sold its Mauritanian unit Mattel to Telecel Group, Ilboursa reported. No financial details were revealed but the offer was judged better than those from Axian, Orange Senegal and Morocco's Inwi. Telecel plans to invest USD 700 million over the coming three years into acquiring mobile operators and deploying fibre and other network **infrastructure**.

Tunisie Telecom started mulling the sale of its Mattel shares in 2011, in order to focus more on its domestic market. The company abandoned the project in 2014 and decided instead to invest in the unit, in order to make it more competitive. Orange [showed an interest in 2015](#), with Tunisie Telecom reportedly saying it could sell 51 percent of Mattel for at least EUR 75 million. The same report had Orange saying it would pay no more than EUR 50 million. The talks ended with no sale in sight. The project was revived again recently, boosted by the approval of Tunisian President Kais Saied. At the end of last year, Axian reportedly submitted an offer of around EUR 100 million, Ecofin reported.

For Telecel, the sale opens new markets and revenue streams, strengthening its position on the African continent. Mattel, long in the red, has significantly improved its financial position, market watchers say, lifting its market share to 33 percent.

Document TELAFR0020220407ei47000b7

**Press Release: Martello Announces Global Partnership with Orange Business Services for Vantage DX**

1,376 words

7 April 2022

13:06

Dow Jones Institutional News

DJDN

English

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Martello Announces Global Partnership with Orange Business Services for Vantage DX

Canada NewsWire

OTTAWA, ON, April 7, 2022

Global Service Provider, integrator and Microsoft partner chooses Vantage DX to offer its enterprise customers an enhanced level of service on Microsoft Teams.

OTTAWA, ON, April 7, 2022 /CNW/ - Martello Technologies Group Inc., ("Martello" or the "Company") (TSXV: MTLO), a leading developer of enterprise digital experience monitoring ("DEM") solutions, today announced a partnership with Orange Business Services ("Orange"), the business services arm of Orange SA, a global network-native digital services company. Martello's Vantage DX SaaS platform will be integrated in the Orange Business Together with Microsoft portfolio. As a global provider of end-to-end and fully managed collaboration services for multinational enterprises, Orange Business Services provides its customers with enriched collaboration solutions based on Microsoft Teams and leading Orange voice capabilities.

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**Press Release: Martello Announces Global Partnership with Orange Business Services for Vantage DX**

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7 April 2022

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Dow Jones Institutional News

DJDN

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Canada NewsWire

OTTAWA, ON, April 7, 2022

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## **Martello Announces Global [Partnership](#) with Orange Business Services for Vantage DX**

Martello Technologies Group Inc.; Canada NewsWire

1,339 words

7 April 2022

13:00

Canada NewsWire

CNNW

English

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**(PR) Martello Announces Global Partnership with Orange Business Services for Vantage DX**

1,334 words

7 April 2022

13:00

PR Newswire

PRN

English

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## Airship Launches Its App Experience Platform to Enable Brands to Adapt No-Code Native App Experiences That Build Loyalty and Accelerate Monetisation

1,065 words

7 April 2022

09:00

Business Wire

BWR

English

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-- The **platform** speeds up time to market, time to compliance and time to greater mutual value according to leading brands such as Shell, NBC Sports Group, Orange France and OneFootball

-- It also addresses the challenge of collecting first and zero-party data  
LONDON--(BUSINESS WIRE)--April 07, 2022--

Airship, the mobile app experience company, today announced the launch of its App Experience **Platform** (AXP), the only enterprise SaaS **platform** focused on helping brands master the full lifecycle of mobile app experience (MAX) management. AXP aims to address the ongoing challenge for brands to treat their apps as a high-value destination rather than simply a promotional messaging channel.

Mobile apps have become the centre of the digital customer experience -- generating more than three times greater revenue and transaction frequency compared to other channels. Yet, according to data derived from Apptopia, app user retention rates have barely increased over the last three years, despite ongoing growth in annual worldwide app downloads.

AXP enables product, digital and marketing teams to create, refine and publish no-code native app experiences on their own without ongoing developer support or app updates. As a result, it vastly improves the continuous onboarding, retention and first party and zero-party data collection of customers. This new SaaS platform also unifies the native app experiences, customer journey orchestration and app UX experimentation with no-code approaches and intuitive visual UIs, freeing development teams to innovate market-differentiating app features.

Brett Caine, CEO and President at Airship, said: "Messaging only goes so far in helping to retain and monetise app users. Brands must provide valuable and relevant experiences in the moments people are engaged with the app to create reciprocal value exchanges necessary for sustained relationships." He added: "With AXP, we're giving brands unparalleled agility to grow user understanding and provide app experiences that reward customers for their loyalty."

More than 15 leading brands gained early access to new AXP innovations such as AXP Mobile Data Hub, AXP Scenes, AXP Surveys and AXP Preference Center to evaluate and test the benefit to their businesses and provide feedback for ongoing refinement.

Joseph Brooks, Head of Product, Shell plc, one of Airship's customers, said: "The Shell app is the centrepiece of our customers' mobility experience, allowing them to pay and save in one easy step. With Airship's real-time notifications and in-app automation we've increased our retention rate 3X and grown our active user base by 3.5X. The new capabilities in Airship's App Experience Platform will help to dramatically accelerate our time-to-market and agility in optimising user onboarding and collecting in-app feedback from users to continue to improve their app experience."

Michael Lowe, Vice President, Digital Strategy & Partnerships at NBC Sports Group, another of Airship's customers, added: "Sports fans demand the best, most personalised in-the-moment app experiences, and it's a requirement for our teams to look for opportunities for continued innovation that facilitates new user onboarding, drives new feature adoption, introduces new content franchises, and elicits valuable user feedback. Airship's App Experience Platform provides us with new capabilities that save valuable product development time and give our team faster ways to optimise each fan's journey."

According to Forrester Research, Inc.'s, August 2021 report "Make Marketing More Than A Message": "The best brand experiences connect to customers in critical moments, not just at a channel level. Pulling off this

level of personalisation requires that brands design for moments first ... Marketers are innovating across critical facets of business (not just with media and messaging) by shaping the entire experience to differentiate their brand in the eyes of their customers."

For the latest information on consumer privacy attitudes, preferences and behaviours, and how brands can create a trusted exchange with their customers, register for an April 14th webinar featuring guest speaker Stephanie Liu, Analyst, Forrester Research, Inc., and Mike Herrick, SVP of Technology, Airship.

For more detail on this announcement, please access ungated eBooks on MAX and AXP.

#### Additional Customer Quotes:

"Our entire team was both surprised and delighted by Airship's new App Experience Platform," said Laurent Claramonte, head of data analytics for Products and Mobile Apps at Orange France. "With more than 10 apps in total, including TV, Smart Home and Messaging apps like Orange TV or Orange Mail, new capabilities like AXP Scenes free our developers to focus on new innovations as our product owners now have full autonomy to continually optimise native, multi-screen experiences that drive feature adoption. AXP is a game-changer, allowing us to go far beyond promotional and messaging-based approaches to drive better app onboarding and retention, and achieve greater customer satisfaction and loyalty."

"As the most popular football media platform in the world, OneFootball is constantly adding new features, products and content to provide an immersive and fully personalised experience to more than 100 million football fans monthly," said Ismail Elshareef, Chief Product Officer at OneFootball. "With AXP Scenes and Surveys we can provide fans with better onboarding to these new experiences, collect more information upfront for greater personalization, and better inform future development to ensure our customers get exactly what they want from OneFootball."

#### About Airship

No one knows more, does more, or cares more when it comes to helping brands master mobile app experiences than Airship.

From the beginning of apps, Airship powered the first commercial messages and then expanded its data-led approach to all re-engagement channels (mobile wallet, SMS, email), app UX experimentation and feature release management. Now, with the Airship App Experience Platform (AXP), business users can create and adapt native app experiences on their own -- with no ongoing developer support or app update required.

Having powered trillions of mobile app interactions for thousands of global brands, Airship's technology and deep industry expertise have enabled apps to become the digital centre of customer experience, brand loyalty and monetisation.

For more information, visit [www.airship.com](http://www.airship.com), read our blog or follow us on Twitter, LinkedIn and Facebook.

View source version on businesswire.com: <https://www.businesswire.com/news/home/20220406006111/en/>

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(END)

Document BWR0000020220407ei4700017



## Orange France unveils Livebox 6 with Wi-Fi 6E, launches 'Max' fibre plan

448 words

6 April 2022

Telecompaper Europe

TELEUR

English

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French operator Orange has announced the successor to its Livebox 5 router (Livebox 6), saying that it will be available from 07 April with a new premium fibre package, priced EUR 54.99/month after the promotional twelve-month period. Based on the Wi-Fi 6E standard, the latest version of the Livebox takes advantage of the 6 GHz band, as well as supporting Wi-Fi 6 **connectivity** using the 2.4 GHz and 5 GHz bands.

Rival Bouygues Telecom [has just announced](#) that it will be offering a similar multi-band router, adapting a current model that already offers Wi-Fi 6 connectivity. In comparison, Orange started supporting the Wi-Fi 6 standard a year ago with the [launch of a repeater](#) compatible with its existing broadband equipment (Livebox 4/Livebox 5).

With a vertical design, the Livebox 6 is manufactured using recycled plastic, like its predecessor. It can be entirely recycled to limit its carbon footprint and owners can reduce energy usage by choosing between a standby mode and a more eco-friendly sleep mode.

Among its main features, the router is equipped with five Ethernet ports (including a 2.5 Gbps port), and a QR code reader enabling users to scan their devices for easy Wi-Fi connectivity.

'Livebox Max Fibre' package with dedicated support for home Wi-Fi installations

Orange has decided to offer its latest Livebox exclusively with the newly launched 'Livebox Max Fibre' triple-play bundle, subject to a twelve-month contract for both new/upgrading customers and also available in a pro version for the B2B market segment.

At the new premium price tier of EUR 54.99/month, the maximum download speed enabled over the operator's FTTH GPON network remains 2 Gbps, as for the current 'Livebox Up Fibre' high-end package, while the upload speed improves to 800 Mbps for residential subscribers.

Households can take advantage of 'Wifi Serenite' (WiFi Serenity), a new service providing customer support for the best Wi-Fi configuration inside their home. To this end, the operator is offering up to three Wi-Fi repeaters, subject to a EUR 10 one-off set-up fee.

Among its additional benefits, the 'Max' package includes an LTE-based Airbox router with a 20 GB monthly data allowance, rising to 200 GB when new sign-ups are still waiting for the activation of the fibre line. As part of the TV service, it also bundles Replay Max during the first two 24 months. This ad-free VoD subscription, worth EUR 4.99/month, combines catch-up programmes from broadcasters TF1 (MyTF1 Max) and M6 (6play Max).

Document TELEUR0020220406ei46000e0



CE Noticias Financieras English

## **Vodafone says the merger of Orange and MásMóvil will bring great opportunities**

237 words

6 April 2022

CE NoticiasFinancieras

NFINCE

English

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Madrid 6 APR 2022 - 11:51CEST The CEO of Vodafone Spain, Colman Deegan, said today that the possible merger between competitors MásMóvil and Orange will bring "great opportunities" to the company he heads in Spain

. Deegan stressed on Wednesday that in many European markets the third operator is "the one that grows the most" and presents the best returns on **investment** and highlighted that previous periods of consolidation have been positive for the Spanish market.

In his presentation at the 'Wake Up Spain!' forum, organized by El Español, the executive asked regulators not to follow with this consolidation a process similar to what happened when Vodafone bought Ono and Orange bought Jazztel, when the 'remedies' gave enough size to MásMóvil to compete as the fourth operator.

"That will fracture the market and if that is not changed we will never get to 5G or 6G," he stressed, following the discourse of the directors of the large European 'telecos', who are calling for a change in the European Commission's competition policy to facilitate operators to gain size and thus generate economies of scale for the deployment of 5G.

Deegan also assured that Vodafone has set itself the target of having between 20% and 30% of its network with Open RAN components, the new technology for mobile networks that enables interoperability between manufacturers.

Document NFINCE0020220406ei46005kv

## CommScope announces **partnership** with Orange Belgium

377 words

5 April 2022

01:00

MarketLine News and Comment

DTMNTR

English

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CommScope has joined hands with Orange Belgium to provide its subscribers with the latest generation of set tops powered by the Android TV operating system (OS) designed to provide both live television and premium streaming services.

"There is no doubt that the viewing habits of our subscribers have evolved and that means our services and **devices** must evolve as well," said Thomas Parvais, Director Fixed Access Broadband & TV Services.

"Through our **partnership** with CommScope, we are excited to offer our subscribers with a state-of-the-art set top that enhances their live and premium streaming entertainment viewing and provides them with the services they have come to expect."

The launch of this new set top is the successful integration of Orange eco-system partners coupled with CommScope's software. It will provide Orange Belgium subscribers with the next generation of connected 4K UHD digital video decoder providing OTT streaming services, on-demand, and broadcast TV services. Subscribers will have access to a variety of premium streaming apps, a new multiscreen cloud recording service, and the ability to cast movies, music and more to the TV with Chromecast built-in<sup>®</sup>. Plus, with a microphone built into the remote control, subscribers can talk to Google to easily search for movies and shows, control their TV and smart home devices, get answers, and more.

"Service providers recognize the value to the consumer in enhancing their live and on-demand TV services with an easy-to-use TV experience," said Phil Cardy, Vice President, International PLM, Home Networks, CommScope. "We are excited by our partnership with Orange Belgium and to provide them with a next generation, high-quality solution that gives their subscribers the services and entertainment they have come to expect."

The casings for the set top and its remote control are manufactured with 99 percent post-consumer recycled plastics. CommScope eliminated all single-use plastics in the packaging, aligning with both CommScope and Orange Belgium's strong commitment to reducing environmental impact.

Orange Belgium represents the second affiliate CommScope has deployed with Android TV devices, the first being Orange Slovensko in August 2021. CommScope and Orange will continue to launch similar platforms to additional affiliates throughout the course of 2022.

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Document DTMNTR0020220406ei450008y

## Commscope, Zappware deliver new Android TV box for Orange Belgium

181 words

5 April 2022

Telecompaper Europe

TELEUR

English

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Commscope and Zappware are among the suppliers of Orange Belgium's new Android TV box. Commscope said it's supplying the set-top boxes, and Zappware provided the back office architecture and system integration services. Orange [launched the new box](#) last month to its cable TV customers.

Zappware provided its AndroidTV Operator Tier **platform** to help deliver DVB-C channels and OTT streaming **content** in an integrated user experience. The multi-screen/multi-device user experience is powered by Zappware's **cloud**-native AWS back office, a micro-services based architecture offering the flexibility to scale the system and extend it with additional features.

Zappware said it also served as system architect and system integrator. Together with the Orange team and the other technology partners, Zappware took the lead in designing the end-to-end architecture.

For CommScope, this is its second contract with the Orange group for an Android box, after earlier working with Orange Slovakia. CommScope and Orange will continue to launch similar platforms to additional affiliates throughout the course of 2022.

Document TELEUR0020220405ei45000ji



## Duysens leaves OBS to become MD at Proximus unit SpearIT

73 words

5 April 2022

Telecompaper Europe

TELEUR

English

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Joris Duysens is moving to Proximus in May. He is currently head of **connectivity** Europe at Orange Business Services, where he has worked for 12 years. At Proximus he will be managing director of SpearIT, which focuses on the SME market.

Prior to Orange, Duysens worked over six years at KPN, including as business sales manager. He announced the new job on LinkedIn.

Document TELEUR0020220405ei45000jh

## Orange Business Services Participations SA - European cloud solutions: innovation compliant with our values

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940 words

4 April 2022

Private Companies News via PUBT

PCNVB

English

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\* [Click here to view this document in its original format](#)

European cloud solutions: innovation compliant with our values

Is it possible to offer open and transparent European cloud solutions that comply with European values and remain competitive? A panel of public decision-makers and representatives of the private sector were invited by Orange to give their thoughts.

On March 16, 2022, a conference was held labeled PFUE "European Cloud Strategy: how to combine sovereignty and competitiveness?" moderated by Eline Chivot, Digital Policy Advisor at the European People Party. Pearse O'Donohue, Director of Future Networks for Directorate General Connect at the European Commission; Mathieu Weill, Head of the Digital Economy Department, DGEntreprises at the French Ministry of Economy; Francesco Bonfiglio, CEO of Gaia-X; Sébastien Windsor, President of AgDataHub and President of the Chambers of Agriculture in France; and Aliette Mousnier-Lompré, Acting CEO of Orange Business Services, discussed European advances in the cloud, drew certain conclusions and sketched out prospects for public and private players.

The need for European digital sovereignty

First observation: the development of European sovereignty in digital matters, of which the cloud has become the cornerstone, is now the subject of a broad consensus of public and private players. As Mathieu Weill reminds us, "The idea of digital autonomy used to be seen either as an unrealistic fad or as a means of artificially protecting national champions of American supremacy. That time is now over." The pandemic and the war in Ukraine have confirmed the need to better control the huge amount of data we generate in Europe. "Digital technology is no longer limited to the economy, it is a global social fact," explains Francesco Bonfiglio.

Putting an end to the black box phenomenon for the user

Sébastien Windsor illustrates the need for this data control with concrete examples from the world of agriculture. The yield data collected by a connected harvester is sent, without the consent of the user, to the manufacturer of the machine, which resells it to third parties. "They can then speculate on my returns faster than I can. My own data is being used against me! We ought to be able to decide where our data goes." Digital sovereignty means ensuring that the storage and, above all, the processing of data obey "common rules and values of transparency, openness, reversibility, protection against extraterritorial laws and respect for the environment," adds Aliette Mousnier-Lompré.

Europe on the move

As Mathieu Weill believes, "the cloud is the mother of all battles!" Europe indeed appears to be the only relevant scale for building this sovereignty and imposing these values. In this European framework, public-private cooperation is essential. Aliette Mousnier-Lompré illustrates this cooperation through the strong involvement of Orange as a founding member of GAIA-X, of the Alliance for Industrial Data, Edge and Cloud, and in its role as leader for the IPCEI Cloud project. At a national level, concrete data enhancement projects have also been set up based on partnerships with [AgDataHub](#) and the [CNES](#) for instance. Orange also spoke of its plan with Capgemini to create Bleu, a company that will provide a "trusted cloud" in France. Pearse O'Donohue adds that European digital autonomy is based on a virtuous circle where investment, regulation and cooperation combine to strengthen one another. The consortia, supported by European funding such as GAIA-X, allow players who were previously competitors to talk to each other and cooperate.

Innovation and trust

Everyone agrees that sovereignty cannot just be the magic formula. Above all, digital European projects must be competitive on the global market. "Companies will place as much importance on service as on sovereignty," summarizes Aliette Mousnier-Lompré. Investments must first and foremost bring about innovation and, upstream, be used for training in cybersecurity, data science, etc. Confidence in European solutions will only be built around this ecosystem. It is not a sovereignty that builds walls but a sovereignty of openness, one that supports values. "We don't have to settle for being less advanced than the Americans!" believes Sébastien Windsor, emphasizing that the solutions developed in Europe can be very innovative and competitive. This is the case, for example, for the European decision support tool in the fight against potato late blight fungus offered by AgDataHub.

#### The cloud...and the future

The sovereign cloud is part of a more global project where Europe, its industries, its political authorities and its citizens regain control of the entire digital value chain, from the production of chips to the processing of big data and artificial intelligence. "Half of the European Commission's mandate has focused in particular on laying down principles; they must now be put into action," says Mathieu Weill. Beyond the cloud, the future is in edge computing, quantum computing, etc. "In addition to innovation and data security, compliance with environmental rules can also be a game-changer to impose a European digital sovereignty," says Pearse O'Donohue.

The conclusion goes to Francesco Bonfiglio: "The cloud is already old. European players clearly have a card to play to be the next big names of tomorrow on frameworks that have yet to be invented."

\* [Original Link](#)

#### Disclaimer

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## Proximus adopts Eco ratings for mobile phones

95 words

4 April 2022

Telecompaper Europe

TELEUR

English

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Belgian operator Proximus announced it will start showing Eco ratings for mobile phones in its sales range. The ratings are designed to help customers evaluate phones based on the criteria durability, repairs and recycling, climate efficiency, and efficient use of natural materials.

Atos manages the international database of ratings, which already covers around 120 phones from 16 brands. All major smartphone makers participate with information about their **devices**, apart from Apple.

The Eco ratings are used in 26 countries already, and Orange Belgium has also [adopted the system](#).

Document TELEUR0020220404ei44000md



## Orange chooses French start-up YesYes as phone reconditioning partner

134 words

4 April 2022

Telecompaper Europe

TELEUR

English

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YesYes, a mobile phone reconditioning company based in Normandy, announced that it has joined the programme launched by Orange France to give old phones a second life. Founded in 2018, the start-up opened its first shop in Caen earlier this year, located next to its business premises. As reported by Les Echos, it plans to open a dozen shops across France by 2025, expanding a team that today counts fifteen employees.

After raising EUR 2.7 million in June 2021, YesYes said that it expects to generate EUR 5 million worth of revenues for the current year. Its refurbished **devices** are marketed with a two-year warranty, come entirely from partners in France and are then resold through local channels within the country.

Document TELEUR0020220404ei44000e0

## Smart launches GigaRoam offering for travelers

249 words

4 April 2022

Telecompaper Asia

TELASI

English

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Philippines operator Smart Communications has launched its GigaRoam offering, to provide open access data to all sites and apps essential for travelers. GigaRoam is available in 1GB, 3GB, 8GB, and 100GB, with validity period ranging from 5 to 30 days in select overseas countries.

Smart offers roaming services across 50 countries with 80 international partners. Smart 5G roaming subscribers in Estonia, Slovakia, The Netherlands, Iceland, and Latvia can benefit from the service using their 5G-capable SIM and **devices** through global telco partners Telia Estonia, Orange Slovakia, KPN, Siminn HF, and Tele2 Latvia, respectively.

Smart also increased its 5G roaming coverage by adding new partners in Vietnam (Vinaphone), Qatar (Ooredoo), Greece (Wind Hellas), Finland (Elisa), France (Orange France), Czech Republic (T-Mobile), and Bulgaria (Yettel Bulgaria/Telenor). Smart is also offering 5G roaming for its customers traveling to Australia, Austria, Bahrain, Belgium, Canada, China, Croatia, Cyprus, Denmark, Germany, Guam, Hong Kong, Indonesia, Ireland, Israel, Italy, Japan, Kuwait, Luxembourg, Malta, Norway, Oman, Poland, Portugal, Romania, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Sweden, Switzerland, Taiwan, Thailand, Turkey, UAE, the UK, and the US.

Smart also offers other services for travelers, including the RoamSurf plan that auto-subscribes and renews a traveler to a data plan on a daily basis; Roam Facebook for the Facebook-heavy user; and the Roam Lite sachet setup for the budget-friendly traveler. Smart's GigaRoam offers with plans starting at 1GB roaming data is valid for 5 days.

Document TELASI0020220404ei440008f



## **Orange provides new payment method for medical consultations on DabaDoc platform**

119 words

1 April 2022

Telecompaper Africa

TELAFR

English

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Moroccan health-tech start-up DabaDoc, [majority owned by Orange and insurer Axa](#), is offering a new option to facilitate payment for medical consultations done via its online **platform**. Named DabaDoc Consult, this payment method allows a customer to purchase a voucher for another beneficiary, who can then redeem it to cover the cost of a consultation.

Orange is providing this facility by extending its existing "Transfert Pays" (Country Transfer) service, originally developed to enable the African diaspora to transfer mobile credit internationally. Once the customer buys a DabaDoc Consult voucher using "Transfert Pays", the beneficiary receives a code that is accepted as payment on the DabaDoc **platform**.

Document TELAFR0020220401ei410002v

## MTN GlobalConnect expands to Kenya

308 words

31 March 2022

Capacity Magazine

CAPMAG

English

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MTN GlobalConnect has acquired MTN Business Kenya, allowing it to expand its digital wholesale and **infrastructure** services into the Kenyan market.

An already vibrant wholesale market served by Telkom Kenya, Safaricom and others, MTN GlobalConnect said it would focus investments on interconnecting African countries through the establishment of digital hubs and connecting landlocked countries to subsea **cables**.

The company also said it "continues to inject incremental foreign and direct investments across Africa" as it builds out the terrestrial backbone network.

CEO Frédéric Schepens said: "We have prioritised the Republic of Kenya to form part of our fibre rollout owing to its strategic location in the East African Community bordering five countries, its access to the 2Africa subsea cable at Port Mombasa, and that doing business in Kenya furthers our belief that everyone deserves the benefits of a modern connected life."

Two years after its 2017 launch MTN GlobalConnect became an opco of MTN and is headquartered in Dubai.

On 15 February newly appointed MD, Sylvia Anampiu joined the team and will lead the Kenyan business as it expands its services portfolio.

MTN GlobalConnect's initial 2021 investment in Kenya exceeded US\$9 million with a 35% growth in headcount.

Back to back with this news, MTN GlobalConnect has also joined MEF to standardise and certify its connectivity services to enable interoperability and automation.

The global industry association of network, cloud, and technology providers

MEF president Nan Chen said: "A membership in MEF offers an opportunity to engage in business-driven collaboration with leading global organisations. Together, we enable dynamic, trusted, and certified services that empower enterprises to embrace their digital transformation and grow their business. We welcome MTN GlobalConnect as the newest addition to our growing, vibrant community of MEF members who are working to progress our MEF 3.0 Global Services Framework."

Document CAPMAG0020220418ei3v00014

## **S&T wins contract under Romanian National Cybersecurity Directorate tender, Orange left out**

134 words

31 March 2022

Telecompaper Europe

TELEUR

English

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S&T Romania will provide Romania's National Cybersecurity Directorate (DNSC) with a platform and services for the creation of the central component of RO-SAT, the future national real-time warning system for individuals and legal entities targeted by cyber attacks, according to local publication Profit.ro. With a duration of eight months, the contract was signed for the amount of RON 24.20 million, without VAT.

Orange Romania also took part in the tender process but was unsuccessful. Its subcontractors were Siscale AI, Bit Sentinel Security, Kapsch Romania and Ampec Data Service.

The project is co-financed by the European Regional Development Fund through the Competitiveness Operational Programme 2014-2020 and has a budget of almost RON 70 million, excluding VAT.

Document TELEUR0020220331ei3v000gz

## Orange Moldova offers free internet to 100 schools for 2 years

236 words

30 March 2022

Telecompaper Europe

TELEUR

English

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Orange Moldova announced the launch of the Gigabit Internet for your school (Internet Gigabit pentru scoala ta) project. It provides free connections and fixed internet services for two years for primary schools, gymnasiums and high schools, both public and private in municipalities and cities.

Through this project, Orange Moldova continues to invest in making possible internet access for the **education** system. The project contributes to the efficiency of the study process, the use of innovative teaching methods, interaction within the classes, and linking the national **education** process to international processes, the operator said.

Free internet from Orange can benefit schools in 35 localities. In total, about 100 institutions are eligible. In order to access the internet services free of charge, the general education institutions will organise from their own resources the connection by cable or Wi-Fi network of at least 5 classrooms or one floor.

Orange will offer internet speeds of up to 1Gbps / 200Mbps, with an access point and a router included. During the project, Orange Moldova will provide technical assistance for the proper functioning of the network. After the 24 months, the schools will have the opportunity to continue to benefit from the internet services, at a special price.

The connection of educational institutions to the internet will take place between May and June. The project is being implemented by the University Information Center.

Document TELEUR0020220330ei3u000ma

Business

**Smart 5G roaming now covers 50 countries**

354 words

30 March 2022

Manila Bulletin

MABULL

English

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Smart Communications, Inc. has rolled out its 5G roaming service in fifty countries today and operates with eighty international partners.

74856 Smart 5G roaming subscribers in Estonia, Slovakia, The Netherlands, Iceland, and Latvia can benefit from the service using their 5G-capable SIM and **devices** through global telco partners Telia Estonia, Orange Slovakia, KPN, Siminn HF, and Tele2 Latvia.

Smart also increased its 5G roaming coverage by adding new partners in Vietnam (Vinaphone), Qatar (Ooredoo), Greece (Wind Hellas), Finland (Elisa), France (Orange France), Czech Republic (T-Mobile), and Bulgaria (Yettel Bulgaria/Telenor).

Since last year, Smart has been doubling its efforts to serve the 5G roaming needs of its customers in Australia, Austria, Bahrain, Belgium, Canada, China, Croatia, Cyprus, Denmark, Germany, Guam, Hong Kong, Indonesia, Ireland, Israel, Italy, Japan, Kuwait, Luxembourg, Malta, Norway, Oman, Poland, Portugal, Romania, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, United Kingdom, and the United States of America.

"We give our global customers access to fast data speeds through partnerships with international telco firms in key markets," says Chet Alviz, Smart's Vice President Wireless Core and International Business Group.

"This will empower them to pursue their passions and fulfill their purpose as COVID-19 restrictions ease across borders - reviving international travel and tourism as more people get vaccinated and adapt to the new normal," he added.

Smart 5G roaming users in these countries can subscribe to Smart's GigaRoam 1GB roaming plan for P999 valid for 5 days.

On the other hand, 5G customers in the Philippines also benefit from Smart's 5G network.

The telco accelerated the deployment of 5G in the Philippines as part of its broader initiative to deliver world-class mobile experience to customers.

To support growing mobile data traffic from Batanes to Tawi-Tawi, Smart increased its total base stations to 75,400 as of end-December 2021.

This includes around 7,200 5G base stations.

Supporting Smart's mobile network is PLDT's extensive fiber footprint, which was at 743,700 kilometers as of end 2021.

Document MABULL0020220329ei3t00033

## The sixth undersea Fibre cable lands in Mombasa

KNA3

784 words

29 March 2022

Kenya News Agency

KENAG

English

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Another submarine Fibre optic cable system expected to provide high-speed internet **connectivity** in Kenya and the East African region in general has landed in Mombasa

The new cable brought in by Telkom Kenya will be the sixth linking Kenya with the rest of the world and is expected to connect the country with Asia and Europe.

A submarine communications cable is one laid on the sea bed between land-based stations to carry telecommunication signals across stretches of ocean and sea.

Other submarine cable service providers connecting Kenya and East Africa to the world include East African Marine System (TEAMS), The Eastern Africa Submarine Cable System (EASSy), the Lower Indian Ocean Network (LION), SEACOM and the Djibouti Africa Regional Express 1 (Dare1).

The new vital undersea cable known as 'Peace Submarine Cable' has key landing points in France, Pakistan and Kenya, with plans to extend the same to South Africa in its second phase.

Pakistan and East Africa Connecting Europe (PEACE) is initially a 15,000 km submarine cable from Pakistan to France, extended from Pakistan to Singapore for an additional 6,500km, with main trunk landing in Singapore, Pakistan, Kenya, Egypt and France and branches to the Maldives, Malta and Cyprus.

The Cabinet Secretary (CS) for ICT, Innovation and Youth Affairs, Joe Mucheru, who led a high-level team in the inauguration ceremony, described the new project a 'strategic asset' in the country.

Mucheru expressed the government's commitment to continue working and collaborating with Telkom and other investors in a bid to ensure that the policy and regulatory environment is 'conducive for innovation and technological development to thrive'.

"The peace cable will bring faster and more stable communication services connecting Africa, Europe and Asia thus reducing existing communication delays between the continents" he said.

The CS said the massive infrastructure project aims to bring high-speed broadband internet to the country and will go a long way in reducing the digital divide.

He lauded Telkom Kenya for their role in enabling the realization of the new high impact cable system, noting that it builds on the government's efforts to enhance high quality broadband connectivity across the country.

The CS termed the new cable 'game-changing infrastructure' that would be transformative for the country as a whole.

"This new project promises faster, cheaper and more secure internet connectivity and hence transforming the country's digital economy" said Mucheru, during the official launching ceremony held at the Nyali Sun Africa Beach Hotel.

He said the growing presence of submarine cables proving international connectivity will help solidify the country's foothold in the region as an ICT hub.

"All these optical fibre cables boosting connectivity is a symbol of the government's commitment towards improving connectivity and ease of living," he said.

The CS said plans to make Kenya a leader in ICT investment and innovation are in top gear despite the country being in the throes of August 9 general election.

Among those present were Telkom CEO Mugo Kibati, PEACE cable high representative Oliver Zheng, and Chief Administrative Secretary (CAS) in the Ministry of ICT, Innovation and Youth Affairs, Nadia Abdalla.

Kibati said Telkom is committed to positioning its infrastructure asset base, terrestrial network and submarine cable capacity to drive the digital transformation.



“We are also committed to create a future smart landing hub for the majority of the submarine cables in the region as we continue to provide cross-connections to all data entering and exiting Kenya,” he added.

According to the Telkom boss, the 15,000m long PEACE cable will give Kenya a strategic boost with respect to more flexible digital connection options, including high speed of 200 Gbps per single wavelength with a total capacity of 192Tbps, as well as stable and secure data access possibilities.

“This ultra-high capacity cable will assist Kenya and the region in meeting its current and future broadband capacity requirements, bolster redundancy, minimise transit time of our country’s connectivity to Asia and Europe, as well as assist carriers in providing affordable services to Kenyans,” said Kibati.

He noted that the increased demand for data and broadband as well as digital financial services by corporates, the public sector and the individual consumer was reinforced by the outbreak of the Covid-19 pandemic, leading to accelerated digital transformation.

Kibati said, “the pandemic confirmed our strategic urgency to bridge the digital divide to ensure equitable access to mobile networks.”

The CEO further said the investment in cables is of strategic importance to Telkom as it views access to the internet as a fundamental human right.

By Mohamed Hassan

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Document KENAG00020220330ei3t0000b

## **PCCW Global, PEACE Cable announce completion of PEACE-MED subsea cable**

CT Bureau

Distributed by Contify.com

545 words

29 March 2022

Communications Today

ATCOMT

English

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PCCW Global, a leading international telecommunications service provider, and PEACE Cable International Network Co., Ltd., a global submarine cable operator dedicated to worldwide communications interconnection, have jointly announced today the completion of the PEACE cable system's PEACE-MED Mediterranean section, which is now ready to provide a range of high-speed and low-latency **connectivity** services for international customers.

PEACE-MED, a part of the trunk of the PEACE cable system trunk, is a 3,200km undersea cable that connects Egypt to France, with additional landing points in Cyprus and Malta. The landing in Marseille, France provided by Orange helped form PEACE-MED's open cable system, which is now fully operational and ready to provide customers with a wide range of telecommunications and data services.

Overall, the high-speed and low-latency PEACE cable system is designed to connect three of the largest and most populous continents in the world – Asia, Africa and Europe. The PEACE cable, which was laid partly by the outstanding teams at Orange Marine, represents collaboration between PEACE Cable International and PCCW Global. The cable system will provide the shortest and most direct data route from Asia to Europe, combined with exceptionally low-latency that is vital for people and organizations to efficiently connect through the innovative use of ICT.

The overall PEACE project is the latest new-build submarine cable to link Asia, Africa and Europe. Deploying a state-of-the-art "system-within-a-system" configuration, it gives respective parties the necessary flexibility to design their own subsystem with reconfigurable bandwidth for different points over the lifetime of the cable. PEACE's main trunk lands in France, Egypt, Kenya and Pakistan. Cable extension to Singapore and South Africa is also under consideration.

PEACE-MED's cable landings in Cyprus, Abu Talat, Marseille and Malta were all completed during the course of 2021, while stub branching units have been reserved for direct landing points in other countries thereby providing additional access options and opportunities for the entire Mediterranean region.

Sun Xiaohua, COO, PEACE Cable International, said, "Announcing the completion of PEACE-MED is an exciting moment for the PEACE cable team as a whole. We are very grateful for the efforts of the entire PEACE-MED delivery team, as well as the efforts of our partners, Orange Marine and PCCW Global, that have enabled us to reach such an important milestone. The successful delivery of PEACE-MED gives us great confidence in the success of the project as a whole, and we look forward to the completion of the entire PEACE system this year, which will contribute to the optimization of a digital ecosystem across the Mediterranean region and achieving our vision of a connected world with our partners."

Frederick Chui, Chief Commercial Officer, PCCW Global, said, "Despite the global impact of the COVID-19 pandemic, PEACE-MED's completion was achieved thanks to the tireless efforts of our delivery teams, assuring that all elements of system planning, design, manufacturing, integration, laying and testing were concluded smoothly. We recognize their contribution, and look forward to welcoming our clients and partners on to the first completed section of the PEACE cable project."

Document ATCOMT0020220329ei3t0002v

## Telkom and PEACE Cable Company land new submarine cable in Kenya

266 words

29 March 2022

Telecompaper Africa

TELAFR

English

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Telkom Kenya and the PEACE Cable company have successfully landed the submarine cable at coastal Mombasa. CEO Mugo Kibati says investing in submarine **cables** is of strategic importance to Telkom, as it views access to the internet as a fundamental human right. Kibati said the ultra-high capacity cable will assist Kenya and the region to meet current and future broadband capacity needs, bolster redundancy, minimise transit time for **connectivity** to Asia and Europe, and help provide affordable services to Kenyans.

The 15,000 km long PEACE cable will give Kenya a strategic boost with respect to more flexible digital connection options, including high-speeds of 200 Gbps per single wavelength with a total capacity of 192Tbps, as well as stable and secure data access possibilities. PEACE will connect France to Pakistan via the Europe-Asia route, and Mombasa, via an Indian Ocean route. It will provide the most direct connectivity route from Asia and East Africa to Europe and reduce communication delays between the continents.

PEACE's second phase will extend to Singapore and Southern Africa, boosting bandwidth and connectivity from its current African landing point in Mombasa, all the way to South Africa, opening new markets to cable partners in East Africa and the Southern African Development Community.

The PEACE Cable is the sixth submarine cable to land in Kenya, preceded by the Djibouti Africa Regional Express 1 (DARE 1), SEACOM, The East African Marine System (TEAMS), the Eastern Africa Submarine Cable System (EASSy) and the Lower Indian Ocean NetWork II (LION II).

Document TELAFR0020220329ei3t0005o

## Orange inaugurates 10th Orange Digital Centre in Morocco

215 words

24 March 2022

Telecompaper Africa

TELAFR

English

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Orange Maroc and the German Development Cooperation have inaugurated the first Moroccan Orange Digital Centre (ODC) in Rabat. It has a coding school, a solidarity FabLab, Orange Foundation digital manufacturing workshops, an Orange Fab start-up accelerator, and the Orange Ventures Africa **investment** fund. All of the programmes are provided free of charge and are open to anyone.

Projects range from digital training for young people, 90 percent of which are practical, to start-up acceleration, and guidance for project bearers and **investment**. Orange Digital Centres enable experience and expertise to be shared between countries. They offer a simple and inclusive approach to improve young people's employability, encourage innovative entrepreneurship and promote the local digital **ecosystem**.

Initially based in Rabat, the ODC aims to also be present in the various regions of the Kingdom, firstly through "ODC Clubs" deployed within partner universities and major schools.

Orange and the German Development Cooperation are working together under the develoPPP programme, which the Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) is implementing on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ). The aim is to foster youth employability while supporting sustainable growth and the country's digital transformation and promoting access for women to ICT jobs.

Document TELAFR0020220324ei3o0005n

## Orange Spain runs 5G **gaming** trial in Vigo

151 words

24 March 2022

Telecompaper Europe

TELEUR

English

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Orange Spain said it joined forces with Huawei and Gamera to conduct a pilot of interactive 5G-powered **gaming** at its store in central Vigo. The partners developed a dedicated multi-player **platform** to showcase the ability of the 5G network and multi-access edge computing (MEC) technology to eliminate delays when streaming data via the **cloud**.

The online **gaming** trial employed two new 5G nodes installed by Orange near the store to improve by exterior and interior coverage as well as 5G smartphones from Xiaomi's Mi11 series. Orange added that the pilot is part of the [National 5G plan](#) promoted by Spain's ICT development agency Red.es with **funding** from the European Regional Development Fund.

In [Galicia](#), the operator set up a joint venture with Cinfo, Gamera Nest, Optare Solutions and other entities to carry out the various use cases.

Document TELEUR0020220324ei3o0002v



**Orange inaugurate in Morocco the 10th Orange Digital Center in Africa and the Middle East, to train young people in digital technology, support innovative entrepreneurship and enhance their employability; Orange Digital Center is an innovative concept which brings together four strategic programs of the Orange group**

1,548 words

23 March 2022

12:54

African Press Organization

APOENG

English

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To support the development of new technologies in the Kingdom and make digital more accessible to all, Orange ([www.Orange.com](http://www.Orange.com)) Maroc and the German Cooperation has inaugurated today in Rabat, the first "Orange Digital Center" (ODC) in Morocco, a digital **ecosystem** entirely dedicated to the development of digital skills and innovation.

Orange Digital Center was officially inaugurated by Mr. Hendrik Kasteel, CEO of Orange Morocco and Mr. Alioune Ndiaye, Chairman and CEO of Orange Middle East & Africa, in presence of Mr. Chakib Benmoussa, Minister of National **Education**, of Preschool and Sports, Mr. Othman Benjelloun, Chairman of MEDI TELECOM, Mr. Abdellatif Zaghoun, CEO of the CDG, Director of MEDI TELECOM, Ms. Elizabeth Tchoungui, Executive Director of CSR, Diversity and Philanthropy at Orange, Deputy Chair of the Orange Foundation, members of the COMEX of Orange Maroc, the German cooperation, as well as official representatives.

Orange Digital Center is an innovative concept which brings together four strategic programs of the Orange group, namely; a coding school, a solidarity FabLab - one of the Orange Foundation's digital manufacturing workshops, an Orange Fab start-up accelerator, supported by Orange Ventures Africa, the investment fund.

All of the programs are provided free-of charge and open to everyone. They range from digital training for young people, 90% of which are practical, start-up acceleration, and guidance for project bearers and investment.

Working as a network, the Orange Digital Centers allow experiences and expertise to be shared between countries and offer a simple and inclusive approach to improve young people's employability, encourage innovative entrepreneurship and promote the local digital ecosystem.

Initially based in Rabat, ODC aims to also be present in the various regions of the Kingdom, firstly through "ODC Clubs" deployed within partner universities and major schools, thus complementing the education system to give as many people as possible access to new technologies and support them in putting these technologies to use them to their full extent.

Orange and the German Cooperation are working together as part of a development partnership within the developPPP program, which the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is implementing on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ). The goal is to fulfil their shared vision, fostering youth employability while supporting sustainable growth and the country's digital transformation. The programme is also working to advance gender equality and inclusion by promoting access for women and girls to ICT jobs.

Through digital technology, this programme focuses on the following sustainable development goals in line with the United Nations 2030 Agenda for Sustainable Development: (SDG 4) quality education, (SDG 5) gender equality, (SDG 8) decent work and economic growth, (SDG 9) industry, innovation and infrastructure, (SDG 10) reduced inequalities and (SDG 17) partnerships for goals.

This initiative is more broadly in line with the Orange Group's Engage 2025 strategic plan, which commits to rolling out an ODC by 2025 in each of the countries in which it operates. To date, ten Orange Digital Centers have already opened in the area: Tunisia, Senegal, Ethiopia, Cameroon, Côte d'Ivoire, Jordan, Madagascar, Morocco, Mali and Egypt. More openings are scheduled by the end of the year.

Alioune Ndiaye, Chairman and CEO of Orange Middle East and Africa, says: "I am very proud to inaugurate the 10th Orange Digital Center today in Morocco, which is part of a network of 32 Orange Digital Centers that will be deployed not only, in Africa and the Middle East, but also in Europe. The objective is to democratize

access to digital technology to young people - with or without qualifications - giving them access to the latest technological skills to strengthen their employability and prepare them for the jobs of tomorrow."

Elizabeth Tchoungui, Executive Director of CSR, Diversity and Philanthropy at Orange, Deputy Chair of the Orange Foundation adds: "This great project is a key step in our societal responsibility for digital inclusion, especially for young people and women. The FabLab Solidaire, a key program of the Orange Foundation, is an essential building block of this socially useful action, by allowing beneficiaries without access to digital tools to reconnect with the professional world: the beginning of a beautiful journey that, through the development of technical skills and through the complementarity of the systems deployed, goes up to the creation of businesses."

Hendrik Kasteel, CEO of Orange Morocco, says: "Our presence here today demonstrates our commitment as a responsible digital leader and partner of the Kingdom in the digital transformation. The programs we implement with the support of our partners help us achieve our objectives, which are to give young people the keys to improving their digital skills in order to support their employability and contribute to the entrepreneurial ecosystem. Orange Digital Center will welcome thousands of young Moroccan talents and allow them to develop their skills, projects or digital startups. This initiative will have a real impact in the society as a whole."

Ellen Michel, Head of GIZ's "develoPPP for jobs" programme, says: "The future of Morocco is its youth - and digital is the future of the world. This initiative aims to strengthen young people's access to the labor market as well as to entrepreneurship so that they can fully contribute to the development of their country. GIZ is proud to be able to support such a forward-looking project."

Orange is present in 18 countries in Africa and the Middle East and has 135 million customers at 31 December 2021. With 6.4 billion euros of revenues in 2021, Orange MEA is the first growth area in the Orange group. Orange Money, its flagship mobile-based money transfer and financial services offer is available in 17 countries and has more than 60 million customers. Orange, multi-services operator, key partner of the digital transformation provides its expertise to support the development of new digital services in Africa and the Middle East.

Distributed by APO Group on behalf of Orange.

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About Orange: Orange is one of the world's leading telecommunications operators with sales of 42.5 billion euros in 2021 and 140,000 employees worldwide at 31 December 2021, including 78,000 employees in France. The Group has a total customer base of 271 million customers worldwide at 31 December 2021, including 224 million mobile customers and 23 million fixed broadband customers. The Group is present in 26 countries. Orange is also a leading provider of global IT and telecommunication services to multinational companies under the brand Orange Business Services. In December 2019, the Group presented its new "Engage2025" strategic plan, which, guided by social and environmental accountability, aims to reinvent its operator model. While accelerating in growth areas and placing data and AI at the heart of its innovation model, the Group will be an attractive and responsible employer, adapted to emerging professions.

Orange is listed on Euronext Paris (symbol ORA) and on the New York Stock Exchange (symbol ORAN).

For more information on the internet and on your mobile: [www.Orange.com](http://www.Orange.com), [www.Orange-business.com](http://www.Orange-business.com) or to follow us on Twitter: @orangegrouppr.

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About GIZ, develoPPP and Invest for Jobs: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is a federal enterprise operating worldwide. It supports the German government in the fields of international cooperation for sustainable development and international education. GIZ helps people and societies to shape their own future and improve their living conditions. [www.giz.de/en](http://www.giz.de/en)

The German Federal Ministry for Economic Cooperation and Development (BMZ) has set up the develoPPP programme to foster private sector participation to the point where business opportunities and development

policy initiatives overlap. To this end, BMZ offers financial and technical support to companies that want to do business or have already started operating in developing and emerging countries. GIZ acts as one of the two official partners implementing the programme on behalf of BMZ. [www.developpp.de](http://www.developpp.de)

In Morocco, the Orange Digital Center is supported by BMZ's Special Initiative on Training and Job Creation. The Special Initiative, which operates under the brand Invest for Jobs, supports German, European and African companies in investment activities that have a high impact on employment in Africa. The objective is to create good jobs and training opportunities and to improve working conditions in the following African partner countries: Côte d'Ivoire, Egypt, Ethiopia, Ghana, Morocco, Rwanda, Senegal and Tunisia. [www.invest-for-jobs.com/en](http://www.invest-for-jobs.com/en)

Document APOENG0020220323ei3n0005r



**Orange inaugurate in Morocco the 10th Orange Digital Center in Africa and the Middle East, to train young people in digital technology, support innovative entrepreneurship and enhance their employability**

1,572 words

23 March 2022

M2 Presswire

MTPW

English

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Orange and the German Cooperation are working together as part of a development partnership within the develoPPP program, which the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is implementing on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ). The goal is to fulfil their shared vision, fostering youth employability while supporting sustainable growth and the country's digital transformation. The programme is also working to advance gender equality and inclusion by promoting access for women and girls to ICT jobs.

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Document MTPW000020220323ei3n003xp



### **Orange Spain awarded 3-year Community of Madrid contract**

161 words

22 March 2022

Telecompaper Europe

TELEUR

English

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Orange Spain said it has been awarded contracts worth at least EUR 47 million over three years to provide fixed and mobile communications services to the Community of Madrid. The company said it won two lots of the Madrid Digital project, converting it into the regional government's leading telecommunications partner.

Specifically, it will install some 22,000 mobile lines and over 60,000 fixed line extensions in more than 2,000 government offices under the EUR 42.9 million fixed and mobile communications contract, plus guarantee the reliability and availability of the secondary data network in 750 sites including ministries and hospitals under the EUR 4.4 million **cybersecurity** and data contract.

Orange said it will also be responsible for providing videoconference and audiovisual services at all of the regional government's locations. The operator previously won a EUR 14 million [contract](#) to bring gigabit fibre-optic services to schools throughout the Madrid region.

Document TELEUR0020220322ei3m000mc

## Orange BeLux seeks AR/VR start-ups for new accelerator programme

177 words

21 March 2022

Telecompaper Europe

TELEUR

English

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Orange Belgium has called for applications to participate in the fifth edition of its Orange Fab BeLux start-up accelerator programme. The operator will provide support to three winners, including expert advice and access to its network for six months. The goal is to build a long-term business partnership with innovative start-ups.

This year's theme is to develop new AR/VR/metaverse experiences on the Orange network. These can target shop and retail experiences, entertainment, sports technology, cybersecurity, and healthcare.

Applications can be submitted until 20 April, and five companies will be selected to participate in a pitch in June to a jury of Orange executives and start-up experts. The laureates will then join the accelerator programme for the second half of the year and develop their projects together with Orange teams.

Orange Group has accelerator programmes in 22 countries, covering four continents. In Belgium, since 2016, Orange Fab has supported 13 start-ups and signed partnerships with five of those companies.

Document TELEUR0020220321ei3l000gq

## Safaricom expands mobile money market share to 99.9% of transaction value

284 words

21 March 2022

Telecompaper Africa

TELAFR

English

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Kenyan operator Safaricom has expanded its control of the mobile money market to 99.9 percent, Business Daily reported. Regulators have made efforts to open its M-Pesa platform to interface with those from rival Airtel Kenya and Telkom Kenya to enhance competition. Data from the Central Bank of Kenya (CBK) show that M-Pesa has lifted its share of the value of mobile money transactions in the last three years to KES 2.206 trillion (99.9 percent) out of the total of KES 2.208 trillion in 2021.

The shares of Airtel Money and Telkom's T-Kash have dropped to 0.2 percent and 0.1 percent respectively. The CBK figures show that Safaricom's share rose from 99.7 percent in 2019 to 99.8 percent a year later. Airtel Money has recorded a drop in its share from 0.3 percent in 2019 to 0.2 percent a year later. The share of T-Kash grew from 0.004 percent to 0.006 percent in the same period.

In a presentation to Parliament, the CBK has said competition in the industry is being addressed through increased integration of the competing platforms. Key initiatives include full-scale interoperability to build on existing collaboration and progress to national switch 'pay anyone anywhere', CBK says in the presentation.

In 2020, the regulator published draft rules to let users withdraw cash from an agent of their choice irrespective of whether they belong to Safaricom, Airtel, or Telkom. Airtel and Telkom subscribers would also be allowed to pay bills via Safaricom's Lipa na M-Pesa if the proposed regulations receive Parliamentary approval.

Document TELAFR0020220321ei3l0002t

# BUSINESS DAILY

Companies

## **Safaricom takes 99.9pc of mobile money market**

JOHN MUTUA

454 words

18 March 2022

Business Daily

BUSIDA

English

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Safaricom #ticker:SCOM has grown its control of the mobile money market to 99.9 percent amid efforts by regulators to open its M-Pesa **platform** to interface with those from rival Airtel Kenya and Telkom Kenya in a bid to enhance competition in the sector.

Data from the Central Bank of Kenya (CBK) shows that M-Pesa has grown its share of the value of mobile money transactions in the last three years to hit Sh2.206 trillion (99.9 percent) out of the total of Sh2.208 trillion worth of transactions in 2021.

M-Pesa's growth has eaten into the market of Airtel Money and Telkom's T-Kash in the period with their shares dropping to 0.2 percent and 0.1 percent respectively.

Safaricom's control of the market has prompted a push for regulatory changes initiated by its rivals who allege that the telco is abusing dominance.

The CBK, in a presentation to Parliament, said competition in the industry is being addressed through increased integration of the competing platforms.

"Key initiatives to impact the payments sector include full-scale interoperability to build on existing collaboration and progress to national switch 'pay anyone anywhere,'" CBK says in the presentation.

The regulator in 2020 published draft regulations to allow users to withdraw cash from an agent of their choice irrespective of whether they belong to Safaricom, Airtel, or Telkom.

Airtel and Telkom subscribers will also be allowed to pay for bills via Safaricom's Lipa na M-Pesa if the proposed regulations get Parliamentary nod, marking the latest push to deepen financial inclusion in the country.

Safaricom has been uncomfortable with the push to open M-Pesa outlets to rival firms.

Mobile money has over the years grown to be a lucrative revenue stream for telcos as customers use them to send cash, pay for goods and services and take short-term credit.

The CBK data shows that Safaricom grew its control of the mobile money market from 99.7 percent in 2019 to 99.8 percent a year later.

Airtel Money has recorded a drop in its share from 0.3 percent in 2019 to 0.2 percent a year later while T-Kash grew from 0.004 percent to 0.006 percent in a similar period.

Since 2018, subscribers on the three telcos have sent money across mobile phone networks but can only withdraw cash from agents associated with the operator.

Airtel and Telkom have petitioned Parliament on several occasions for the government to declare Safaricom the dominant player in the sector, paving way for regulatory changes intended to boost their dwindling fortunes.

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Document BUSIDA0020220318ei3i0000k

## Information Technology - Data Centers; Studies Conducted at University of Cergy Pontoise on Data Centers Recently Reported (Model and Data Driven Transient Thermal System Modelings for Contained Data Centers)

506 words

17 March 2022

Computer Weekly News

COMWKN

631

English

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2022 MAR 23 (VerticalNews) -- By a News Reporter-Staff News Editor at Computer Weekly News -- Data detailed on Information Technology - Data Centers have been presented. According to news reporting from Cergy, France, by VerticalNews journalists, research stated, "The growing **cloud** computing infrastructures increase the demand for energy-intensive machines, such as high-performance servers and the associated cooling system. That brings challenges to the energy management of the concerned modern buildings such as the data centers."

Financial support for this research came from Orange SA.

The news correspondents obtained a quote from the research from the University of Cergy Pontoise, "Transient Thermal System Modeling (TTSM) is an essential solution to illustrate the instant thermal variation inside the buildings based on heat transformation prediction. TTSM can help plan, organize and optimize corresponding settings to improve energy efficiency. The adoption of row-based and rack-based structures as a cooling solution has recently emerged, especially boosted by its high efficiency. In contrast, few studies have concerned the related TTSM. In this study, we propose two frameworks exclusively targeting the TTSM of data centers that adopted row-based or rack-based cooling systems. A model-driven framework (MDF) and a data-driven framework (DDF) are developed, respectively. The MDF is expressed by Ordinary Differential Equations (ODEs), it is built based on the lumped-capacitance method under several predeclared assumptions as a general TTSM solution to related structures. The DDF is developed as an extension of the Long-Short-Term-Memory (LSTM) method to realize multivariate I/O (MIMO) predictions, which is commonly demanded in Industrial Internet of Things (IIoT) applications. Both frameworks are evaluated experimentally on a physical cluster equipped with a high-level IIoT sensor measurement system. The guide for parameter-tuning of the model is also provided in the experiment part for use case analysing. The validation results show that both frameworks can build reliable TTSM in terms of real-time temperature predictions."

According to the news reporters, the research concluded: "Moreover, a comprehensive comparison study is conducted with valuable application suggestions based on experimental discoveries."

This research has been peer-reviewed.

For more information on this research see: Model and Data Driven Transient Thermal System Modelings for Contained Data Centers. Energy and Buildings, 2022;258:111790. Energy and Buildings can be contacted at: Elsevier Science Sa, PO Box 564, 1001 Lausanne, Switzerland. (Elsevier - [www.elsevier.com](http://www.elsevier.com); Energy and Buildings - [www.journals.elsevier.com/energy-and-buildings/](http://www.journals.elsevier.com/energy-and-buildings/))

Our news journalists report that additional information may be obtained by contacting Yiru Zhang, University of Cergy Pontoise, Cergy, France. Additional authors for this research include Yewan Wang, David Nortershauser, Stephane Le Masson and Jean-Marc Menaud.

Keywords for this news article include: Cergy, France, Europe, Data Centers, Information Technology, University of Cergy Pontoise.

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## Deutsche Telekom, Telefónica, Vodafone, and KPN are Leaders in ABI Research's Telco Operators Sustainability Index

988 words

16 March 2022

M2 Presswire

MTPW

English

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The **Sustainability** Index Telco Operators by global technology intelligence firm ABI Research provides an unbiased examination and ranking of ten leading telecommunications operators for **sustainability**. The in-depth study assesses, compares, and ranks the operators across 30 different action items for their **sustainability** efforts in six categories: renewable energy, network upgrades, energy efficiency, waste disposal and circular economy, green buildings and vehicles, and reporting and governance. Ranking criteria are split between present-day implementation, including the global roll-out of renewable energy and technologies such as 5G and fiber, and forward-looking impact potential, evaluating the innovation and quality of platforms and programs the operators are using to reach climate targets. The companies evaluated and ranked include:

Market Leaders: Deutsche Telekom, Telefónica, Vodafone, KPN

Mainstream: AT&T, Verizon, Orange

Followers: SK Telecom, NTT DoCoMo, Singtel

Companies around the globe have created climate-related targets for reaching net zero carbon emissions, and telecommunications providers are leading the charge. "These telco operators are at the intersection of communications and information technology, putting them in a unique position to offer connectivity and technological solutions that are not only lowering their own carbon emissions but also the emissions of their customers," says Kim Johnson, Principal Analyst at ABI Research.

Each of the leaders in the index has transitioned to using more than 50 percent renewable energy for global purchased electricity and two have reached 100 percent. The use of renewable energy has reduced the leaders' total carbon emissions by 8.4 million metric tons of carbon dioxide (CO<sub>2</sub>e), which is equivalent to removing the CO<sub>2</sub> emissions of 1.8 million passenger vehicles for one year, or 19.4 million barrels of oil consumed. Johnson advises, "All operators need to focus on the largest source of carbon emissions, which is energy consumption of their networks. The most sustainable companies, though, have a comprehensive strategy, including the deployment of technologies such as 5G, AI, and automation, an in-depth waste recycling program, employee compensation tied to climate targets, and active engagement with suppliers and customers, upstream and downstream from the company's own operations."

Deutsche Telekom finished first overall in the assessment, followed by Telefónica, Vodafone, and KPN. Deutsche Telekom has received numerous awards globally and regionally for its sustainability reporting. The company also emerged as a leader in European 5G and fiber, while its subsidiary, T-Mobile US, also a leader in 5G, announced in early 2022 that it had become the first U.S. provider to source 100 percent of its electricity from renewable energy sources, helping the global Deutsche Telekom Group reach 100 percent renewables worldwide. T-Mobile reported zero percent renewable energy use just a few years ago in 2017, and this transition to 100 percent occurred during a historic merger with Sprint.

Telefónica led the index in several areas, such as energy efficiency, waste recycled, eco-design, and green bonds, while Vodafone had strong performances in energy efficiency, waste recycled, overall sustainability reporting, and conversion of fleet vehicles to electric vehicles. KPN, an over achiever in sustainability, has been using green electricity since 2011 and has been carbon neutral since 2015. KPN was the smallest operator in the index and did not lead in network upgrades, 5G deployment, or scale of impact; however, the company is a global sustainability leader from every other perspective.

The mainstream selections, such as AT&T, Verizon, and Orange, were all very strong in 5G and fiber deployment, and these companies led the index, along with SK Telecom, for network upgrades. However, the mainstream companies lagged the leaders in global percent use of renewable energy for the networks. SK Telecom, NTT DoCoMo, and Singtel emerged as followers, primarily due to challenges in their regions for sourcing renewable energy (the companies are still close to zero percent for renewable energy use, despite future pledges), and for less breadth and depth in overall sustainability tracking and reporting.

"We acknowledged in the index that different regions face different geo-political, cost, and infrastructure barriers for sourcing renewable energy. For example, Korea is the fourth largest importer of coal, after China, India, and Japan. This makes early mover advances, such as SK Group in Korea joining the RE100 coalition and pledging 100 percent renewable energy use by 2050 and NTT DoCoMo pledging 100 percent renewable energy by 2030 even more critical to global climate efforts. The big picture in producing the Sustainability Index is to highlight the sustainability best practices across the telecommunications industry with the goal of further reducing carbon emissions for all," concludes Johnson.

These findings are from ABI Research's Sustainability Index: Telco Operators report. This report is part of the company's Sustainable Technologies research service, which provides actionable research and data designed to help companies go from sustainability pledges to sustainability execution by identifying technologies, suppliers, and programs that accelerate sustainability efforts, such as reducing carbon emissions. Sustainability Index reports offer comprehensive analysis of implementation strategies and environmental impact, coupled with analysis of both market-driven and regulatory-driven shifts in sustainability, to offer unparalleled insight into a company's sustainability efforts and standing in comparison to its competitors.

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#### About ABI Research

ABI Research is a global technology intelligence firm delivering actionable research and strategic guidance to technology leaders, innovators, and decision makers around the world. Our research focuses on the transformative technologies that are dramatically reshaping industries, economies, and workforces today.

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Document MTPW000020220316ei3g007hi

**Deutsche Telekom, Telefónica, Vodafone, and KPN are Leaders in ABI Research's Telco Operators Sustainability Index**

1,003 words

16 March 2022

12:30

PR Newswire

PRN

English

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NEW YORK, March 16, 2022 /PRNewswire/ -- The Sustainability Index Telco Operators by global technology intelligence firm ABI Research provides an unbiased examination and ranking of ten leading telecommunications operators for sustainability. The in-depth study assesses, compares, and ranks the operators across 30 different action items for their sustainability efforts in six categories: renewable energy, network upgrades, energy efficiency, waste disposal and circular economy, green buildings and vehicles, and reporting and governance. Ranking criteria are split between present-day implementation, including the global roll-out of renewable energy and technologies such as 5G and fiber, and forward-looking impact potential, evaluating the innovation and quality of platforms and programs the operators are using to reach climate targets. The companies evaluated and ranked include:

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<https://www.prnewswire.com/news-releases/deutsche-telekom-telefonica-vodafone-and-kpn-are-leaders-in-abi-researchs-telco-operators-sustainability-index-301503715.html>

SOURCE ABI Research

(END)

Document PRN0000020220316ei3g000c8

# The Official Board

**Helios Investment** - The organizational chart displays its 20 executives, including Tope Lawani and Babatunde Soyoye

414 words

15 March 2022

The Official Board

OFBOAR

English

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In the Fund industry, there are 1,321 large companies in 56 countries, with a total of 16,450 top executives. Within those companies, 7,492 executive movements have been recorded in the last 12 months.

Company: Helios **Investment**

URL: [www.heliosinvestment.com](http://www.heliosinvestment.com)

Industry: Fund

Helios Investment has 4 subsidiaries, including Telkom Kenya and Africa Specialty Risks.

\*\*\*

Name: Tope Lawani

Title: Co-Founder and Managing Partner

Biography: <http://www.theofficialboard.com/biography/tope-lawani-2g60g>

\*\*\*

Name: Babatunde Soyoye

Title: Co-Founder and Managing Partner

Biography: <http://www.theofficialboard.com/biography/babatunde-soyoye-765d1>

\*\*\*

Name: Souleymane Ba

Title: Partner, Investment

Biography: <http://www.theofficialboard.com/biography/souleymane-ba-2401g>

\*\*\*

Name: Henry Obi

Title: Partner, Public and Regulatory Affairs

Biography: <http://www.theofficialboard.com/biography/henry-obi-d17e1>

\*\*\*

Name: Paul Cunningham

Title: Partner and Chief Financial Officer

Biography: <http://www.theofficialboard.com/biography/paul-cunningham-24de2>

\*\*\*

Name: Christina Drews

Title: Partner and Chief Operating Officer (leaving)

Biography: <http://www.theofficialboard.com/biography/christina-drews-049e4>

\*\*\*

Name: Zineb El Andaloussi

Title: Partner, Investment

Biography: <http://www.theofficialboard.com/biography/zineb-el-andaloussi-7823e>

\*\*\*

Name: Nitin Kaul

Title: Partner and Head of Portfolio Operations

Biography: <http://www.theofficialboard.com/biography/nitin-kaul-87g62>

\*\*\*

Name: Nimit Shah

Title: Partner, Credit Investment and Head of Debt Capital Markets

Biography: <http://www.theofficialboard.com/biography/nimit-shah-d1481>

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Name: Ogbemi Ofuya

Title: Partner, Investment

Biography: <http://www.theofficialboard.com/biography/ogbemi-ofuya-737d1>

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Name: Dabney Tonelli

Title: Partner, Investor Relations

Biography: <http://www.theofficialboard.com/biography/dabney-tonelli-04g09>

\*\*\*

Name: Rupeen Khagram

Title: Finance Director

Biography: <http://www.theofficialboard.com/biography/rupeen-khagram-23e73>

\*\*\*

Name: Tavraj Banga

Title: Principal, Investment

Biography: <http://www.theofficialboard.com/biography/tavraj-banga-7e90g>

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Name: Fope Adelowo

Title: Principal, Investment

Biography: <http://www.theofficialboard.com/biography/fope-adelowo-57e01>

\*\*\*

Name: Simon Poole

Title: Partner, Portfolio Operations

Biography: <http://www.theofficialboard.com/biography/simon-poole-d24d2>

\*\*\*

Name: Cecilie Nielsen

Title: Managing Director, Human Capital, Portfolio Operations Group

Biography: <http://www.theofficialboard.com/biography/cecilie-nielsen-481g8>

\*\*\*

Name: Dennis Aluanga

Title: Partner, Portfolio Operations

Biography: <http://www.theofficialboard.com/biography/dennis-aluanga-d21e2>

\*\*\*

Name: Jamie Hollins

Title: Principal, Investment

Biography: <http://www.theofficialboard.com/biography/jamie-hollins-d9345>

\*\*\*

Name: Max von Trotha

Title: Managing Director, Integration, Portfolio Operations

Biography: <http://www.theofficialboard.com/biography/max-von-trotha-60d71>

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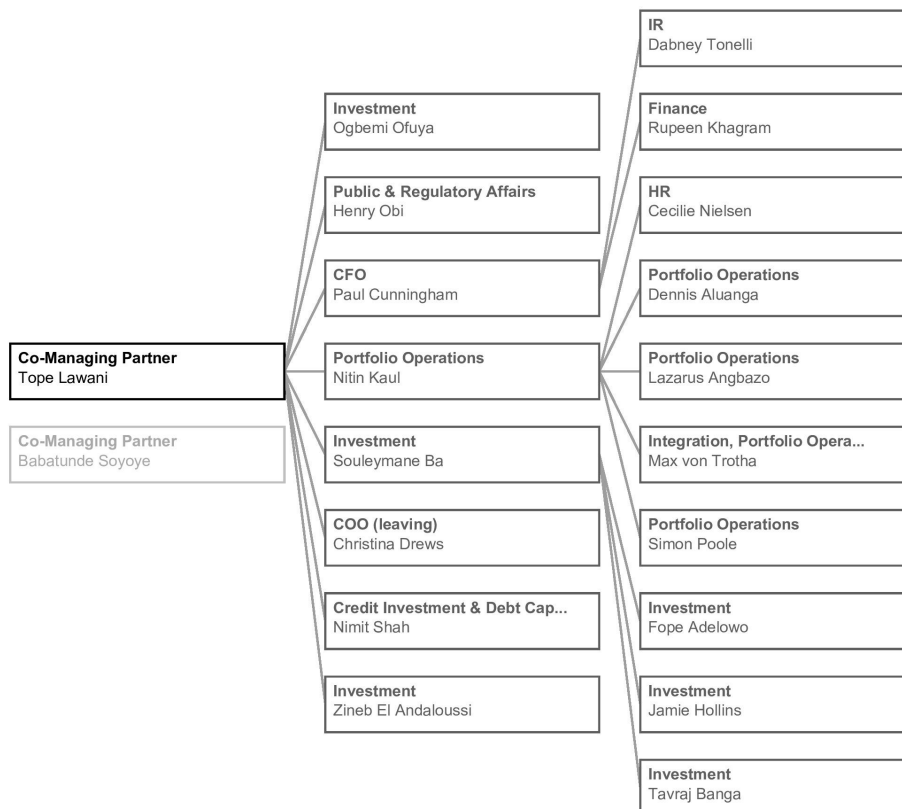
Name: Lazarus Angbazo

Title: Partner, Portfolio Operations Group

Biography: <http://www.theofficialboard.com/biography/lazarus-angbazo-dg26g>

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# Organizational Chart Helios Investment



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## Slovak operators announce best-selling devices in February

307 words

15 March 2022

Telecompaper Europe

TELEUR

English

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Slovak mobile operators have published lists of the best-selling smartphones and tablets in their shops in February, reports Zive.aktuality.sk. At Orange Slovakia, the Samsung Galaxy A52 5G was the most popular smartphone, followed by the Apple iPhone 13, Galaxy A32 5G, Xiaomi Redmi Note 10 Pro and Xiaomi Redmi Note 10 5G. Further down in the rankings were the Galaxy S21 FE, iPhone 13 Mini, Xiaomi Redmi 9C, Oppo A16s and iPhone 13 Pro.

At Slovak Telekom, the Galaxy A12 was at the top of the list of popular smartphones. It was followed by the Galaxy A52s 5G, iPhone 13, Xiaomi Redmi Note 10 Pro and iPhone 13 Pro. Lower down in the rankings were the Xiaomi Redmi 10, Samsung Galaxy S21 5G, Motorola Moto E7, Motorola Moto G30 and Moto E40.

Slovak Telekom's best-selling tablet was the Lenovo Tab M10HD 2nd, followed by the Galaxy Tab A8 and Alcatel 3T 10 4G.

At O2 Slovakia, the Xiaomi Redmi Note 10 5G was the best-selling smartphone, followed by the iPhone 13, Galaxy A12, Galaxy A52s 5G and Galaxy A32 5G. Other popular smartphones at O2 were the Xiaomi Redmi Note 10 Pro, Redmi 9A, Redmi 9C, Motorola Moto G31 and Galaxy S20 FE.

Turning to O2's tablet rankings, the Lenovo Tab M10HD 2nd generation LTE was the best-seller followed by the Lenovo Yoga Smart Tab LTE, Lenovo Tab M8 LTE, Galaxy Tab S7 FE 5G and Galaxy Tab A8 LTE.

At 4ka, the Xiaomi 11 Lite 5G NE was the best-selling smartphone followed by the Xiaomi 11T, iPhone 12, Motorola Moto E7 Plus and iPhone SE (2020). The Galaxy A22 5G, iPhone 12 Pro, iPhone 11, Huawei P30 Lite and Xiaomi Poco X3 Pro were on 4ka's list, too.

Document TELEUR0020220315ei3f000jn



News

## **Mondelēz moves onto all-digital workspace with Orange**

Staff Writer

441 words

14 March 2022

Frontier Enterprise

FRONSE

English

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Orange Business Services was tapped to transform snack-food giant Mondelēz International with an all-digital communications **platform** based on Microsoft Teams.

Cadbury, Chips Ahoy!, Oreo, and Ritz are just some of the Mondelēz International brands whose operations will now be unified on a single, global **platform**.

Orange Business Services will manage the Microsoft Teams platform, which will improve communication and collaboration among Mondelēz International's offices, factories, warehouses, and contact centre agents on a massive scale, encompassing 80,000 employees across operations in 80 countries.

This will eliminate all legacy PBX systems, and Orange will take over and manage Mondelēz International's global communications platform end-to-end — including voice capabilities in markets such as China, India, the Middle East and Russia.

Embedded cloud flexibility will enable Mondelēz International to scale their platform to grow and expand into new markets.

Some of the benefits expected once the implementation is completed by the end of 2022 include cost optimisation, a simpler IT vendor ecosystem with multi-cloud orchestration to manage the voice transformation, and a platform for new digital innovations.

"The entire physical footprint and home-based employees of Mondelēz International's worldwide operations will be fully connected via a new virtual workspace," said Jyotin Shah Sr., director of global digital workplace services at Mondelēz.

Shah said that even as the industry faces global supply chain challenges, Mondelēz will be able to easily share digital resources, communicate with one another, inspire creativity and collaborate across all their brands, from Oreo to Chips Ahoy!

Orange is also integrating ecosystem partners to provide reliable voice and video solutions for additional functionality. Mondelēz International's contact centre platform will leverage the Orange global network and employ advanced analytics, automation and AI capabilities.

This will enhance various business functions, such as HR, payroll, and customer care, improving the customer journey experience and providing greater insights.

With advanced analytics and monitoring capabilities, Orange can identify possible points of disruption and deploy proactive maintenance prior to issues arising. In addition, a self-care portal provides visibility and a seamless communications experience.

"From top to bottom, Mondelēz International is undergoing a massive digital transformation of their people, processes and systems to create a modern, global business," said Rob Willcock, SVP of Americas for Orange Business Services.

"Only Orange Business Services has the worldwide scale, in-house expertise with Microsoft Teams, and end-to-end services to make it happen for them," said Willcock. "At the same time, Mondelēz International is playing a central role with us, co-innovating many of the new services that will be introduced."

Document FRONSE0020220331ei3e00041



## Orange Business Services and Fortinet partner on SASE to improve user experience

410 words

14 March 2022

DQ Channels India

CMDQCH

English

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Orange Business Services, a network-native digital services company and Fortinet have partnered to deliver a disruptive approach to Secure Access Service Edge (SASE) by integrating Fortinet's Security-driven Networking technologies into the Orange telco **cloud infrastructure**. This reinforces the security and networking convergence while optimizing performance regardless of the user's location. Unlike other SASE service delivery offers on the market, this seamless approach – with built-in integration and automation – ensures real-time service updates and an unparalleled user experience.

Digital acceleration, the move to “work from anywhere,” and the adoption of cloud connectivity have altered how network infrastructures and security need to be constructed. SASE converges networking and security in the cloud, supporting dynamic, secure internet access as part of a “work-from-anywhere” strategy to connect everyone and everything using cloud-based applications. SASE extends security capabilities, allowing all types of enterprises to take advantage of zero-trust network access and firewall-as-a-service, for example, regardless of location.

Orange-Fortinet partnership, which has also yielded Flexible SD-WAN based on Fortinet Secure SD-WAN, provides the foundation for cloud-native transformations at scale for improved business agility and resilience. The result is a fully controlled end-to-end globally available SASE solution that bridges the gap between the user and the application. It delivers a secure and managed service from the Orange telco cloud infrastructure, boosted by cybersecurity expertise and capabilities with Orange Cyberdefense.

“Digital acceleration and the shift to supporting ‘work from anywhere’ is driving the hybrid convergence of networking and security to enable zero-trust across all edges. Expanding upon our longstanding relationship with Orange, we’re pleased to further integrate our Security-driven Networking technology into the Orange infrastructure to enable a converged networking and security solution, unmatched in terms of visibility, management capabilities, resilience, and user experience,” explains Rajesh Maurya, Regional Vice President, India & SAARC, Fortinet.

“This innovative partnership is a continuation of our cloud-focused network evolution. By integrating Fortinet Security-driven Networking technologies into the Orange telco cloud infrastructure, we enable our customers to easily adopt a cloud-native environment that is increasingly critical for businesses globally. At Orange Business Services, we facilitate the deployment and take-up of technologies that drive innovation and business growth for our customers in a fast and secure way,” says Anne-Marie Thiollet, EVP, Global Solutions, Orange Business Services.

[Click here to view image](#)

Document CMDQCH0020220315ei3e00004

**Orange Business Services Participations SA - Orange Business Services and Cisco partner on accelerating all-digital cloud workspaces to support hybrid working**

Orange Business Services Participations SA published this content on 14 Mar 2022 and is solely responsible for the information contained herein. Distributed by PUBT, unedited and unaltered, on 14 Mar 2022 16:32:46 UTC.

761 words

14 March 2022

Private Companies News via PUBT

PCNVB

English

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Orange Business Services and Cisco partner on accelerating all-digital cloud workspaces to support hybrid working

March 14, 2022 [Vannina Kellershohn](#) , [Cloud](#)

Workplace Together [Webex] provides seamless integration and service to address workspace complexity

Orange Business Services and long-term strategic partner Cisco are extending their collaboration to provide a secure, scalable all-digital workspace platform called Workplace Together [Webex]. It is designed to help enterprises support a hybrid workforce, optimize operations, and accelerate their journey to the cloud.

Managing an all-digital workspace with multiple vendors with multi-cloud workloads is proving a major challenge for enterprises. Workplace Together [Webex] overcomes this problem with a single umbrella solution for dedicated cloud calling and collaboration. It provides a simplified enterprise-class migration path for moving on-premise and hosted deployments to the cloud utilizing one platform.

Reimagining the digital workspace

Workplace Together [Webex] addresses all types of teamwork situations, transforming the cloud calling experience and combining enterprise-calling features with collaboration and contact center technologies simply via the Webex app. Orange has one of the [biggest voice networks in the world](#) and can provide voice services to provide comprehensive inbound and outbound communications for all Webex Suite users whether a desk worker, a contact center agent or a frontliner.

The platform offers voice, video, messaging, meeting, contact center, customer experience, and mobility solutions with the features and benefits of a large choice of Webex devices, including Cisco IP phones, videoconferencing units, mobile devices, and desktop clients. Orange Business Services provides end-to-end migration, integration, and management capabilities. Enterprises can also run large digital events virtually, utilizing broadcast and animation technologies.

The platform components of the Orange Business Services solutions are proposed in an "a la carte" model on either a DIY or managed service basis. This means that customers can choose from a large range of flexible and adaptable services that best suit their business needs. Management is made easy via a Webex control hub that provides single pane of glass proactive management and monitoring for all users, security, devices, and analytics.

Cloud calling - [transformational for Broadcom](#)

Workplace Together [Webex] has been a game-changer for technology company Broadcom accelerating the onboarding and empowering of a large numbers of users as a result of company acquisitions quickly and securely. The platform allowed them to collaborate efficiently and effectively from day one.

Orange Business Services worked with Cisco to deploy the Webex platform for Broadcom, providing scalable and secure collaboration delivering end-to-end encryption utilizing Webex Calling in the Webex app and cloud efficiency that has enabled Broadcom to add 25,000 new users over four weekends with no business downtime and zero escalations.

Maximizing the outcomes of the hybrid workforce

Orange Business Services has been working with Cisco for nearly 30 years enhancing connectivity infrastructures and communication services to accelerate digital transformation and provide solutions to enable customers to achieve their business outcomes.

Providing an outstanding experience to our customers is one of our strategic cornerstones. Orange Business Services and Cisco Webex plan to achieve this ambition through the deployment of the Webex Suite and facilitate the digital transformation and cloud journey of our customers, by providing the next generation of hybrid working solutions.

For further details on the Orange Business Services and Cisco partnership [click here](#).

Vaughan Klein

Vaughan Klein is the EMEAR Senior Director in charge of collaboration at Cisco.

With over 20 years of experience holding senior management roles both at hardware and software vendors, his focus has been on assisting organizations improve their businesses through the adoption and utilization of collaboration technologies.

Vannina Kellershohn

Vannina is SVP Business Unit- Enriched Interactions & Collaboration.

Vannina holds P&L responsibility for the voice, collaboration and contact center product lines both for France and international. Prior to this, Vannina was leading strategy for Orange Business Services. Over the past twenty years, Vannina has held various operational roles (customer marketing, business and product development) in the B2B market but also transversal roles.

\* [Original Link](#)

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## Orange Belgium offers 3 months free Streamz with new TV box; in talks for Netflix app

228 words

14 March 2022

Telecompaper Europe

TELEUR

English

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Orange Belgium has confirmed the launch of its new TV decoder, based on Android TV. The new 4K box adds a number of apps for catch-up TV and VoD, including Amazon Prime Video and apps from the main broadcasters in Belgium. As an introductory offer, the Streamz service is available three months free.

With the new box, customers can watch live TV and access an EPG, with voice commands possible over Google Assistant. Up to 200 hours of programming can be recorded in the **cloud**, with a hard disc no longer required and access to recordings from multiple **devices**.

Christophe Dujardin, Chief Consumer Officer at Orange Belgium, told local paper L'Avenir that the company plans to add more features to the box in future. This includes a Netflix app, which is notably not available at launch. The operator is aware customers want Netflix access and is in talks with the company with the aim of adding the app in the coming months, Dujardin said.

The box is available to start for new Orange subscribers and the company plans to replace gradually existing customers' equipment over the next 18-24 months. However, the pace of roll-out will depend on supplies, which are already tight due to the global chip industry shortages, Dujardin said.

Document TELEUR0020220314ei3e000jm

## France's new 5G site activations slow to 480 during February

321 words

14 March 2022

Telecompaper Europe

TELEUR

English

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The number of 5G cell sites emitting a signal across mainland France rose by 480 in February to reach 23,566 as of 01 March, according to spectrum agency ANFR. The pace of deployment slowed for a second consecutive month from 905 site activations in January and 1,226 during December. Antennas in or ready for commercial service represented 72 percent of the **infrastructure** sites (32,628) on which network operators have already obtained permits to roll out 5G.

Among the three bands currently used for 5G in France, 700 MHz frequencies remained in the lead with 14,264 sites in or ready for service, all within Free Mobile's network footprint (+322 since 01 February).

In the 3.5 GHz band, there were 10,068 sites emitting a signal across the country's four networks, up by 350 month-on-month. Orange maintained a very narrow lead both in terms of 3.5 GHz permits (5,622) and sites in or ready for service (3,056), with SFR in second place.

Looking at the 2.1 GHz band, the three networks using these frequencies (Bouygues Telecom, Orange and SFR) added a combined 190 active sites during February to reach 8,134 overall. Bouygues continued to lead in both 2.1 GHz permits (10,048) and sites in or ready for service (6,676).

Combining all three spectrum bands, Free Mobile remained ahead of competitors with 14,299 5G sites overall. In comparison, Bouygues, SFR and Orange totalled 6,943, 5,450, and 3,368 active 5G sites respectively.

February also saw a slowdown in the pace of LTE installations, with 209 new site activations all networks combined (+342 in January). Adding 130, Orange widened the gap with rivals and started March with an LTE footprint of 27,693 sites, followed at a distance by SFR (22,991).

Document TELEUR0020220314ei3e0002z

## Orange, Fortinet To Create Scalable **Cloud**-native Network, Delivering Improved User Experience

352 words

13 March 2022

Internet Business News

INTA

English

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Orange Business Services, a global network-native digital services company, and Fortinet® (NASDAQ: FTNT), a provider of broad, integrated, and automated **cybersecurity** solutions, are partnering to deliver a disruptive approach to Secure Access Service Edge (SASE) by integrating Fortinet's Security-driven Networking technologies into the Orange telco **cloud infrastructure**, the companies said.

This reinforces security and networking convergence, while optimizing performance regardless of the user's location. Unlike other SASE service delivery offers on the market, this seamless approach -- with built-in integration and automation -- ensures real-time service updates and an unparalleled user experience.

Digital acceleration, the move to "work from anywhere," and the adoption of cloud connectivity have altered how network infrastructures and security need to be constructed. SASE converges networking and security in the cloud, supporting dynamic, secure Internet access as part of a "work-from-anywhere" strategy to connect everyone and everything using cloud-based applications. SASE extends security capabilities, allowing all types of enterprises to take advantage of zero-trust network access and firewall-as-a-service, for example, regardless of location.

This next chapter in the Orange-Fortinet partnership, which has also yielded Flexible SD-WAN based on Fortinet Secure SD-WAN, provides the foundation for cloud-native transformations at scale for improved business agility and resilience. The result is a fully controlled end-to-end globally available SASE solution that bridges the gap between the user and the application. It delivers a secure and managed service from the Orange telco cloud infrastructure, boosted by cybersecurity expertise and capabilities with Orange Cyberdefense.

Orange Business Services is a network-native digital services company and the global enterprise division of the Orange Group. It connects, protects and innovates for enterprises around the world to support sustainable business growth. For more information, visit [www.orange-business.com](http://www.orange-business.com).

Fortinet makes possible a digital world that we can always trust through its mission to protect people, devices, and data everywhere. Learn more at <https://www.fortinet.com>,

((Comments on this story may be sent to [info@m2.com](mailto:info@m2.com)))

Document INTA000020220314ei3d0002v



## Orange Business Services Participations SA - Technological innovation will power the Italian sustainability drive

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1,195 words

11 March 2022

Private Companies News via PUBT

PCNVB

English

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Technological innovation will power the Italian sustainability drive

March 11, 2022 [Francesca Puggioni](#) , [IoT](#)

The National Recovery and Resilience Plan (PNRR), approved last April by the Italian Parliament as part of the Next Generation EU (NGEU), promotes the country's digital transformation and supports innovation as part of the national economic system. To this end, it provides incentives for adopting innovative technologies and digital skills in the private sector: this will help ensure that technological innovation and Industry 4.0 play a growing role in the short-term plans of Italian companies.

Alongside business outcomes, the second Mission of the PNRR focuses on the Green Revolution and Ecological Transition, putting sustainability at the center of companies' post-pandemic recovery plans.

The government has appointed Roberto Cingolani, a physicist majoring in robotics and artificial intelligence (AI), to head its ecological transition department. The unit will deal with environmental issues such as transport emissions, sustainable development and creating a circular economy. It will also address how technology can be introduced to solve pressing issues such as air pollution from energy and heating, transportation, and industrial waste treatment and disposal programs.

Italy is carving out its path to net zero - but there is still some way to go. Digital transformation is fundamental, and it cannot be achieved in a silo. Enterprises need to work closely with their partners to build a sustainable future and explore new business models, such as "servitization."

Servitization is described as "the innovation of an organization's capabilities and processes to deliver services rather than products alone," explains Eleanor Musson, Senior Partnerships Manager, The Advanced Services Group, Aston University, in a [recent report](#).

Industry 4.0 and sustainable innovation

Italy is the second-largest manufacturer in the EU and is a pathfinder in the ongoing digitalization and automation of traditional manufacturing. Industry 4.0 will be a significant contributor to Italy's sustainability goals.

Industry 4.0 delivers smart manufacturing by linking physical production lines and operations with connected devices, AI and machine learning (ML) to create a joined-up ecosystem. It is focused on both manufacturing processes and supply-chain management. This approach offers the opportunity to better link technology, skills and resources to enhance sustainability by leveraging greater efficiencies to reduce environmental impact.

Italy is ahead of the curve thanks to a 2017 initiative by the government to incentivize companies to transition to digitized factories. According to the Observatory of Economic Complexity, this initiative has allowed the country to become one of the world's largest exporters of vehicle parts.

The engineering industry is also benefiting from Industry 4.0. For example, Rold, which makes locking mechanisms for dishwashers and washing machines, has increased turnover by 8% through this transition. It uses rapid prototyping and digital dashboards to improve efficiencies and sustainability.

Industry 4.0's benefits have started to cascade into other sectors such as utilities. This is already happening in Milan, which recently set up L'INNESTO, a zero-carbon social housing project designed to show off the city's sustainability strategies. It includes sustainable water-resource management, electric car charging terminals and shared neighborhood car fleets.

#### Reducing fashion's environmental impact

For Italy's fashion industry, reducing environmental impact is high on the agenda. Fashion houses are looking to establish a more sustainable and environmentally responsible approach.

Gucci, for example, opened the Gucci Art Lab in Florence, a product testing and development center to test everything from materials to packaging, including their green credentials. It aims to bring the Gucci supply chain closer to its roots and give the luxury brand greater control over its product development and sustainability.

Technology and the environment are central to La Pina Veste's core values. The Roman sustainable fashion brand creates cutting-edge garments from recycled products, including ECONYL made from nylon waste, and is looking at more energy-efficient manufacturing techniques.

#### Consumers are driving green change

Sustainability is also increasingly crucial to Italian consumers, with 86% believing that more needs to be done to address climate change. With consumers demanding an ethical approach that incorporates net-zero carbon emissions targets, several major technology companies have promised to get there by 2050.

According to a recent study, 78% of enterprises believe sustainability has become a primary way to drive product or service innovation. At Orange Business Services, we are helping companies to become more sustainable and deploy Industry 4.0. This includes reimagining their production lines and supply chains with real-time intelligence and smart digital solutions, while bridging the gap between IT and OT systems to create a connected supplier ecosystem.

Industry 4.0 is not limited to connecting industrial sites. Embedding connectivity within a manufactured product can enhance efficiencies and the customer experience. [De Jong DUKE](#), a family-owned coffee company, uses Orange Business Services as its sole IoT connectivity provider to connect its smart coffee machines globally. Using the connected IoT coffee machines, customers are able to remotely monitor status, including cleaning cycles and number of coffees sold. It also ensures higher uptime due to proactive maintenance. If an error occurs on a connected coffee machine or it is starting to run out of coffee, the customer is alerted.

To support our net-zero goal, we have also launched The Green Act program, created to accelerate the digital decarbonization of Orange Business Services and our customers through various services. For example, half of the network equipment we install is reconditioned. The program also sets targets to reduce CO2 emissions by 30%, use 50% of electricity generated from renewable sources, and collect 30% of used mobile devices - all by 2025.

#### Working together for a sustainable future

New and exciting technologies are coming down the pipe in terms of AI, robotics and automation to advance Industry 4.0 and support a sustainable future, but enterprises can't work in a vacuum. We must all work together to support each other in an industrial transformation, the scale of which has never been seen before, if we are to maintain our earth's ecosystem for the future.

Learn more about how Orange Business Services can help you on your journey to [Industry 4.0](#) and our [Green Act program](#).

Francesca Puggioni

Francesca Puggioni is the Managing Director of Orange Business Services for Southern Europe. With an extensive international business background, she is a champion of cultural diversity in the workplace to inspire creativity and drive innovation and favors a dynamic and innovative management model. She is a great supporter of socially responsible initiatives, especially where technology can have a positive impact on society as a tool for social, economic and environmental development.

\* [Original Link](#)

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

175 words

11 March 2022

Telecompaper Asia

TELASI

English

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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**

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.

Document TELASI0020220311ei3b0008d

## France - Retail Savings & Investments - Competitive Landscape

4,185 words

10 March 2022

MarketLine Industry Profiles

DMRP

English

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The French retail savings and investments market is dominated by the country's largest retail banks. These organizations provide integrated financial services and have acquired the largest number of account holders over a long period of time, which has enabled them to build superior deposit volumes and assets under management to provide attractive saving and **investment** options for customers. In recent years, digital banking has revolutionized the market with online and mobile banks such as Monabanq and Orange Bank acquiring customers with easy-to-use transparent digital banking platforms. This has resulted in traditional financial institutions accelerating the digitalization of their own services to maintain their competitive market position.

Who are the leading players?

BNP Paribas (BNP) is a diversified financial group offering a range of retail, corporate, and institutional banking solutions. It also provides mutual funds and investment services with direct investment options, as well as equity saving plans. The bank saw its total deposits from customers grow recently which it attributed to growing customer demand for greater financial security and reduced spending during the COVID-19 pandemic. The firm reported revenue of \$87.0 billion in FY2021, an increase of 8.5% Y-o-Y.

Credit Agricole is one of the top financial service providers in France. Aside from retail banking services, Credit Agricole also offers a wide range of corporate, investment, and insurance solutions, and it is these diverse operations that have helped the bank to thrive in the French market. Credit Agricole has approximately 10,400 retail branches in France, and also operates across 11 Italian regions. The firm reported revenue of \$108.9 billion in FY2021, an increase of 26.2% Y-o-Y.

Groupe BPCE (BPCE) also sits amongst the top players in the French market and performs a full range of banking and insurance activities, serving 36 million customers worldwide. It provides retail banking and insurance services in France through its two major cooperative networks, Banque Populaire and Caisse d'Epargne. With Natixis, it also provides asset and wealth management, corporate and investment banking, and payment services around the world. BPCE saw a solid increase in revenues in FY2020 (most recent data available), up by 2.6% compared to the previous year, which it attributed to a stable performance across all its business lines.

Société General is a provider of banking and financial services for 31 million individual clients, offering retail, corporate, and investment banking, as well as asset management and securities services. Société General has a market capitalization of \$27.4 billion and its leading position within the market has been boosted in recent years through the bank's launch of its digital finance provider, Rosbank.

What strategies do the leading players follow?

In a bid to enhance its product offering and keep up with growing customer demand for digitized banking services, BNP has accelerated its use of digital tools in recent years. This has been achieved through the bank's building of an innovative eco-system which works alongside a range of start-ups, fintech companies, and major corporations to develop unique, personalized digital services for its customers. For example, BNP runs an annual International Hackathon to identify and recruit leading global tech entrepreneurs who can help to improve the bank's online and mobile services. BNP also offers an all-in-one mobile payment application, Lyf Pay, which aims to simplify the payment process by storing all of a customers' payment and loyalty cards in one digital wallet. Overall, this has helped to grow BNP's active online customer base to 6.1% in 2021, a 41.5% increase compared to the previous year.

Comparatively, BPCE embarked on the simplification of its business model in 2020. As part of this process, the bank began to concentrate its organization around two sets of activities: the retail business and global financial services. By streamlining its operations, BPCE intends to attract and secure a wider customer base by making the banking process easier and more accessible. Amid an increasingly challenging regulatory environment in France, as a result of the European Central Bank slashing its interest rates to around 0% to boost growth in recent years, this simplified model also aims to improve capital flow across all of BPCE's

divisions. This should help the bank to adapt quickly and efficiently to challenging macro-economic conditions and ensure continued profitability to maintain its status as a major player in the market.

What disruptors or challengers have changed the market in recent years?

The French market has seen a number of new digital banking entrants over the past few years, which have shaken up the market and intensified competition. This includes Monabanq, a leading digital financial service provider which has recently made waves by attracting many customers through its sign-up reward scheme. New customers can set up an account free of charge and receive a welcome bonus of up to EUR120 (\$135) as long as they make 10 transactions a month using their new card equal to the value of at least EUR300 (\$336). The digital bank offers current accounts, saving accounts and investment services.

The launch of Orange Bank by French multinational telecommunications firm Orange has also had a significant impact on the market since its entry in 2017. The fully digitalized bank offers a wide range of financial services and was voted the best digital offer in 2019. Customers have access to the group's saving accounts with 0.3% interest, one of the best on market. Orange Bank automatically displays customer expenses on its easy-to-use app, making tracking individual expenses easier and encouraging individuals to save. The bank offers automatic transfer services that allow a customer to switch to an Orange Bank account with ease and free of charge. In 2021, Orange Bank plans to acquire Belgian fintech start-up, Anytime, reflecting the bank's ambitions to expand beyond general retail services into the SME business market. If successful, this broadened client base should help to strengthen Orange Bank's position within the French market.

Nonetheless, the rising number of digital banks and financial technology companies is yet to have a damaging impact on the market's leading players despite in some cases offering significantly more beneficial retail savings and investment options. Ultimately, the reason for this is due to the lack of brand recognition and limited capital in comparison to the top financial institutions such as BNP, Credit Agricole, BPCE and Société General. The view of digital banks in the eyes of traditional financial institutions has changed; banks are beginning to see small fintech companies as opportunities rather than new competition. Traditional banks are now racing for the adoption of sophisticated digital services inspired by smaller fintech start-ups to gain a competitive advantage over other traditional banks.

However, although fintechs struggle to compete at the same level as larger, established players in the market, many have still induced competition between leading players. Blockchain, Big Data, Cloud, Artificial Intelligence, and Robotics all give online and mobile financial companies a competitive advantage; however, they lack the capital and recognition to compete on a large scale. If the market leaders can successfully adopt this new technology, they will be able to improve their products, which will intensify the degree of competition within the market. Traditional banks have also recognized that the development of digital banking services are essential in attracting younger generations and to prevent emerging fintech companies from becoming competitors in the future.

This section contains brief overviews of the leading companies in the French retail savings & investments market.

#### Company

Company Name: BNP Paribas SA

BNP Paribas SA (BNP) is a diversified financial group that offers a range of retail and corporate and institutional banking solutions. Its retail banking portfolio consists of digital banking, leasing and financing, long-term corporate vehicle leasing, loans and insurance solutions, savings and investment products, and deposit services and payment cards. It also provides asset and wealth management, private banking, real estate services, cash management, and factoring solutions. The group's corporate and institutional banking solutions include securities services, capital markets, financing, treasury solutions, structured finance, derivatives, and risk management solutions, and financial advisory. The group has an extensive presence in Europe, the Middle East and Africa, Asia-Pacific, and the Americas. BNP is headquartered in Paris, France.

The bank reported interest income of (Euro) EUR29,518 million for the fiscal year ended December 2021 (FY2021), a decrease of 5.3% over FY2020. In FY2021, the bank's operating margin was 20.1%, compared to an operating margin of 16% in FY2020. In FY2021, the bank recorded a net margin of 12.9%, compared to a net margin of 10% in FY2020.

Head office: 16 Boulevard Des Italiens , Paris, France

Telephone: 33140144546

Fax: 33142982122

Number of Employees: 190000

Website: [group.bnpparibas](http://group.bnpparibas)

Financial Year End: December

Ticker: BNP

Stock Exchange: Euronext Paris

#### Company Overview

BNP Paribas SA (BNP) is a diversified financial group that offers a range of retail and corporate and institutional banking solutions. Its retail banking portfolio consists of digital banking, leasing and financing, long-term corporate vehicle leasing, loans and insurance solutions, savings and investment products, and deposit services and payment cards. It also provides asset and wealth management, private banking, real estate services, cash management, and factoring solutions. The group's corporate and institutional banking solutions include securities services, capital markets, financing, treasury solutions, structured finance, derivatives, and risk management solutions, and financial advisory. The group has an extensive presence in Europe, the Middle East and Africa, Asia-Pacific, and the Americas. BNP is headquartered in Paris, France. The bank reported interest income of (Euro) EUR29,518 million for the fiscal year ended December 2021 (FY2021), a decrease of 5.3% over FY2020. In FY2021, the bank's operating margin was 20.1%, compared to an operating margin of 16% in FY2020. In FY2021, the bank recorded a net margin of 12.9%, compared to a net margin of 10% in FY2020.

#### Business Description

BNP Paribas SA (BNP) is a provider of retail and corporate banking, private and investment banking, and investment solutions. As of December 31, 2020, the group reported assets of EUR 2,488,491million, net loans of EUR 808210million, and deposits of EUR 1168556 million.

BNP classifies its operations into three segments: Retail Banking and Services, Corporate and Institutional Banking, and Other Activities. It operated in 68 countries across the Americas, Europe, Africa, the Middle East, and the Asia Pacific.

#### Company

Company Name: Credit Agricole SA

Credit Agricole SA (Credit Agricole) is a provider of banking and related financial services. Its portfolio of offerings is classified into retail and corporate banking and investment banking. Under its retail banking portfolio, the company offers savings products, bank cards, mortgage loans, and commercial loans. Corporate banking comprises business financing, term deposits, treasury management, cash management, among other services. As part of its investment banking solutions, the company provides asset management, and merger and acquisition advisory. In addition, Credit Agricole also offers insurance for health, death and disability, life, creditor, and property and casualty risks. It has a presence across Europe, the Americas, Africa, the Middle East, and Asia. Credit Agricole is headquartered in Paris, France.

The bank reported interest income of (Euro) EUR23,797 million for the fiscal year ended December 2021 (FY2021), an increase of 1.1% over FY2020. In FY2021, the bank's operating margin was 10%, compared to an operating margin of 7.2% in FY2020. In FY2021, the bank recorded a net margin of 6.3%, compared to a net margin of 3.6% in FY2020.

Head office: 12 Place Des Etats-Unis , Montrouge, France

Telephone: 33143235202

Fax: 33143231365

Number of Employees: 75791

Website: [www.credit-agricole.com](http://www.credit-agricole.com)

Financial Year End: December

Ticker: ACA

Stock Exchange: Euronext Paris

## Company Overview

Credit Agricole SA (Credit Agricole) is a provider of banking and related financial services. Its portfolio of offerings is classified into retail and corporate banking and investment banking. Under its retail banking portfolio, the company offers savings products, bank cards, mortgage loans, and commercial loans. Corporate banking comprises business financing, term deposits, treasury management, cash management, among other services. As part of its investment banking solutions, the company provides asset management, and merger and acquisition advisory. In addition, Credit Agricole also offers insurance for health, death and disability, life, creditor, and property and casualty risks. It has a presence across Europe, the Americas, Africa, the Middle East, and Asia. Credit Agricole is headquartered in Paris, France. The bank reported interest income of (Euro) EUR23,797 million for the fiscal year ended December 2021 (FY2021), an increase of 1.1% over FY2020. In FY2021, the bank's operating margin was 10%, compared to an operating margin of 7.2% in FY2020. In FY2021, the bank recorded a net margin of 6.3%, compared to a net margin of 3.6% in FY2020.

## Business Description

Credit Agricole SA (Credit Agricole) is a provider of retail, corporate, and investment banking; insurance; brokerage; structured finance; and private banking. As of December 31, 2020, it had total assets of EUR 1961.1 billion, total deposits of EUR992.9billion, and net loans of EUR402.1billion, and the company operated through 8,200 branches and 39 Regional Banks, LCL and BforBank. It has an international presence in 48 countries in Europe, the Americas, Africa, the Middle East and Asia.

Credit Agricole operates under six segments: Asset Gathering, French Retail Banking-LCL, Specialized Financial Services, International Retail Banking, large customers, and Corporate Centre. Geographically, it segregates its offerings in the following regions: France (including overseas departments and territories), Italy, Other European Union countries, Other European countries, North America, Central and South America, Africa and the Middle East, Asia Pacific (excluding Japan) and Japan.

## Company

Company Name: Groupe BPCE

Groupe BPCE (BPCE) is a banking group that offers a range of commercial banking, insurance, corporate finance, investment management, and financial solutions. It provides loans and credits, demand deposits, savings accounts, regulated home savings products, life and non-life insurance products, debit and prepaid cards, sureties, equities and guarantees, lease financing, and consumer credit to entrepreneurs, local businesses, and business owners. The group offers mergers and acquisition advisory services, strategic and acquisition finance, investment and risk management services. BPCE also provides online banking contactless payment and payments processing services. The group's operations are spanned across Europe, the Americas, Asia-Pacific, and Africa. BPCE is headquartered in Paris, France.

Head office: 50 Avenue Pierre Mendes Cedex 13, Paris, Ile-de-France, France

Number of Employees: 100000

Website: [www.groupebpce.com](http://www.groupebpce.com)

Financial Year End: December

## Company Overview

Groupe BPCE (BPCE) is a banking group that offers a range of commercial banking, insurance, corporate finance, investment management, and financial solutions. It provides loans and credits, demand deposits, savings accounts, regulated home savings products, life and non-life insurance products, debit and prepaid cards, sureties, equities and guarantees, lease financing, and consumer credit to entrepreneurs, local businesses, and business owners. The group offers mergers and acquisition advisory services, strategic and acquisition finance, investment and risk management services. BPCE also provides online banking contactless payment and payments processing services. The group's operations are spanned across Europe, the Americas, Asia-Pacific, and Africa. BPCE is headquartered in Paris, France.

## Business Description

Groupe BPCE (BPCE) offers a range of commercial banking, insurance, corporate finance, investment management, and financial solutions. It provides a range of loans and credits, demand deposits, savings accounts, regulated home savings products, life and non-life insurance products, debit and prepaid cards, equities, sureties and guarantees, lease financing and consumer credit to entrepreneurs, local businesses and business owners in France.



As of December 31, 2020, it had assets of EUR1,446.3 billion, loans and receivables due from customers of EUR746.8 billion, and amounts due to customers of EUR630.8 billion.

BPCE operates four segments: Retail Banking and Insurance, Asset and Wealth Management, Corporate and Investment Banking, and Corporate Center. Had nine million cooperative shareholders and served 36 million customers through bank branches with operations in 40 countries across Europe, Africa and the Mediterranean, North and South America, and Asia/Oceania, as of December 31, 2020. It also held 20% market share in French payments channel.

## Company

Company Name: Societe Generale S.A.

Societe Generale S.A. (Societe Generale or 'the group') is a provider of banking and financial services. The company offers financial services, including international retail banking, corporate and investment banking, asset management, and securities services. Societe Generale is also a major player in the businesses of specialized financial services and insurance and private banking, and global investment management and services. It operates through a network of branch and representative offices, SME, high net worth individual, ATMs, and online portals and caters to individual, commercial, and wealthy family clients. It has operational presence in Europe, Africa and the Middle-East, Asia and Oceania, and the Americas. The group is headquartered in Paris, Ile-de-France, France.

The bank reported interest income of (Euro) EUR20,590 million for the fiscal year ended December 2021 (FY2021), a decrease of 0.6% over FY2020. In FY2021, the bank's operating margin was 19.7%, compared to an operating margin of 3.9% in FY2020. The net profit of the bank was EUR5,641 million in FY2021, compared to a net loss of EUR258 million in FY2020.

Head office: 29 Boulevard Haussmann , Paris, Ile-de-France, France

Number of Employees: 149022

Website: [www.societegenerale.com](http://www.societegenerale.com)

Financial Year End: December

Ticker: GLE

Stock Exchange: Euronext Paris

## Company Overview

Societe Generale S.A. (Societe Generale or 'the group') is a provider of banking and financial services. The company offers financial services, including international retail banking, corporate and investment banking, asset management, and securities services. Societe Generale is also a major player in the businesses of specialized financial services and insurance and private banking, and global investment management and services. It operates through a network of branch and representative offices, SME, high net worth individual, ATMs, and online portals and caters to individual, commercial, and wealthy family clients. It has operational presence in Europe, Africa and the Middle-East, Asia and Oceania, and the Americas. The group is headquartered in Paris, Ile-de-France, France. The bank reported interest income of (Euro) EUR20,590 million for the fiscal year ended December 2021 (FY2021), a decrease of 0.6% over FY2020. In FY2021, the bank's operating margin was 19.7%, compared to an operating margin of 3.9% in FY2020. The net profit of the bank was EUR5,641 million in FY2021, compared to a net loss of EUR258 million in FY2020.

## Business Description

Societe Generale S.A. (Societe Generale or 'the group') is engaged in the provision of a range of financial services, including retail banking, specialized financial services and insurance, private banking, global investment management and services, and corporate and investment banking. Societe Generale operates in Europe, Africa, the Middle-East, Asia, Oceania, and the Americas.

The group operates through three business segments: Global Banking and Investor Solutions, French Retail Banking, and International Retail Banking and Financial Services.

Under the Global Banking and Investor Solutions (GBIS) segment, Societe Generale covers the global activities of corporate and investment banking, asset and wealth management, and securities services and brokerage. The Societe Generale Corporate and Investment Banking (SG CIB) has operational presence in Europe, the Middle East, Africa, the Americas and the Asia-Pacific region. SG CIB offers strategic advisory services to large corporates, financial institutions, sovereigns, and to the public sector for their development as well as market access to finance this development. SG CIB also offers services for investors managing

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savings investments according to set risk/return targets. SG CIB is further divided into two business lines: global markets, and financing and advisory. The global market combines the equities and fixed income, currencies and commodities market activities in a single and global platform, offering a multi-product view and optimized cross-asset solutions. The financing and advisory covers strategic hedging activities for major customers, mergers and acquisitions advisory services, as well as global finance activities combining structured financing, vanilla financing, fund-raising (debt or equity), financial engineering and hedging solutions for issuers. In FY2020, the Global Banking And Investor Solutions segment reported revenues of EUR8,704 million, which accounted for 35.1% of the company's total revenue.

The French Retail Banking segment is formed from the alliance of three complementary brands: Societe Generale, a leading national bank; Credit du Nord, a group of regional banks; and Boursorama, France's leading online bank. The French networks distribute insurance products from Sogecap and Sogessur, subsidiaries operating within the International Retail Banking and Financial Services segment. The segment aims at leveraging its expertise in private banking to meet the customer expectations and ensured growth of Boursorama business to reach 2.1 million customers by the end of FY2020. In FY2020, the French Retail Banking segment reported revenues of EUR7,746 million, which accounted for 31.2% of the company's total revenue.

The International Retail Banking and Financial Services (IBFS) segment includes the international retail banking segment and specialized financial services and insurance segment. It comprises of the banking networks and the consumer finance activities in specialized business lines including insurance; operational vehicle leasing and fleet management; and vendor and equipment finance. This segment serves individual and business customers in Europe; Russia; and Africa, Asia, the Mediterranean Basin and Overseas. The international retail banking combines the international banking networks and consumer finance activities. The international retail banking offers multi-product financing solutions for individual customers and partner businesses such as car loans available at dealerships and in-store financing, direct financial solutions for individual customers (via point-of-sale networks, business introducers or by using customer prospect databases). It operates in Europe, Russia, the Mediterranean Basin, and Sub-Saharan Africa. Financial services to corporates and insurance comprises of a set of business lines able to meet the specific needs of individual, professional and business customers in France and abroad. It offers insurance solutions (Societe Generale Insurance), financing and management solutions for automobile fleets (ALD Automotive), and vendor and equipment financing solutions for professionals (Societe Generale Equipment Finance). In FY2020, the International Retail Banking and Financial Services segment reported revenues of EUR8,373 million, which accounted for 33.7% of the company's total revenue.

Geographically, the company classifies its business operations into five regions: France, Africa, Asia/Oceania, the Americas, and Europe. In FY2020, France segment accounted for 47% of the company's revenue, followed by Europe (34%), Africa (7%), and the Americas (6%) and Asia/Oceania(6%).

## Company

Company Name: Orange Bank

Orange Bank (Orange Bank) is a provider of domestic banking and financial services. The bank offers savings and current accounts, mortgage, cards, loans, bonds, certificates of deposit, unit trusts, brokering, securities and structured products, and other financial service offerings. It also provides lending services, development finance, capital market solutions, wealth and investment management, and private banking solutions. Orange Bank offers mobile and net banking applications and services to its customers. The bank offers its services to corporate, individual, government, small and medium-sized enterprises, and other sectors. Orange Bank is headquartered Paris, Ile-de-France, France.

Head office: 67 rue Robespierre, Montreuil , Paris, Ile-de-France, France

Website: [www.orangebank.fr](http://www.orangebank.fr)

Financial Year End: April

## Company Overview

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## Market Definition

The retail savings and investments market covers four non-life retail savings and investment products segments: deposits, mutual funds, direct investment in equity, and direct investment in bonds.

The market is valued as the total amount invested in these four products at the end of each year.

All market data and forecasts are represented in nominal terms (i.e., without adjustment for inflation) and all currency conversions used in the creation of this report have been calculated using constant 2021 annual average exchange rates.

For the purposes of this report, the global market consists of North America, South America, Europe, Asia-Pacific, Middle East, South Africa and Nigeria.

North America consists of Canada, Mexico, and the United States.

South America comprises Argentina, Brazil, Chile, Colombia, and Peru.

Europe comprises Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Russia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

Scandinavia comprises Denmark, Finland, Norway, and Sweden.

Asia-Pacific comprises Australia, China, Hong Kong, India, Indonesia, Kazakhstan, Japan, Malaysia, New Zealand, Pakistan, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam.

Middle East comprises Egypt, Israel, Saudi Arabia, and United Arab Emirates.

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**Orange and the German Development Cooperation inaugurate in Madagascar the 9th Orange Digital Center in Africa and the Middle East, to train young people in digital technology and enhance their employability; The goal is to fulfil their shared vision, fostering youth employability while supporting sustainable growth and the country's digital transformation**

1,402 words

10 March 2022

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African Press Organization

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English

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All of the programs are provided free-of charge and open to everyone. They range from digital training for young people, 90% of which are practical, start-up acceleration, and guidance for project bearers and investment.

Working as a network, the Orange Digital Centers allow experiences and expertise to be shared between countries and offer a simple and inclusive approach to improve young people's employability, encourage innovative entrepreneurship and promote the local digital ecosystem.

Officially inaugurated today, the Orange Digital Center in Madagascar has been operational since October 19, 2021 and has already hosted several training sessions and digital events. In addition, Orange Madagascar, in partnership with some universities in Madagascar agreed to establish two Orange Digital Center Club, extensions of the coding school within the University of Fianarantsoa and the University of Antsiranana, thus complementing the education system to give as many people as possible access to new technologies and support them in putting these technologies to use them to their full extent.

Orange and the German Development Cooperation are working together as part of a development partnership within the develoPPP program, which the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is implementing on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ). The goal is to fulfil their shared vision, fostering youth employability while supporting sustainable growth and the country's digital transformation. The programme is also working to advance gender equality and inclusion by promoting access for women and girls to ICT jobs.

Through digital technology, this programme focuses on the following sustainable development goals in line with the United Nations 2030 Agenda for Sustainable Development: (SDG 4) quality education, (SDG 5) gender equality, (SDG 8) decent work and economic growth, (SDG 9) industry, innovation and infrastructure, (SDG 10) reduced inequalities and (SDG 17) partnerships for goals.

Stéphane Richard, Chairman and CEO of Orange, says: "Orange acts as a responsible company across its activities. This sense of responsibility is a central value that has been placed at the heart of the Group's strategic plan, Engage 2025. To promote digital services as a vector for inclusion and to ensure they are available to the widest possible audience, we aim to open an Orange Digital Center in every country in which we are present by 2025. This ambition clearly demonstrates our determination to harness the positive power of digital innovation."

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Anja Heuft, Acting Country Director for Madagascar, Maurice, Seychelles & Comores says: "As an implementing agency of the German government, we, GIZ, are enthusiastic to contribute and accompany the digital transformation in Madagascar with inaugurating the Orange Digital Center today here in Antananarivo. Creating a hub for digital competences, innovative ideas and creative exchange, ultimately improving the employability of youth holds an enormous potential for Madagascar and the future development of its economy and people in the long term. We are happy to scale our joint experiences of the already existing ODC and start another digital success story in Madagascar"

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Distributed by APO Group on behalf of Orange.

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About Orange Africa and Middle East: Orange is present in 18 countries in Africa and the Middle East and has 135 million customers at 31 December 2021. With 6.4 billion euros of revenues in 2021, Orange MEA is the first growth area in the Orange group. Orange Money, its flagship mobile-based money transfer and financial services offer is available in 17 countries and has more than 60 million customers. Orange, multi-services operator, key partner of the digital transformation provides its expertise to support the development of new digital services in Africa and the Middle East.

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For more information on the internet and on your mobile: [www.Orange.com](http://www.Orange.com), [www.Orange-business.com](http://www.Orange-business.com) or to follow us on Twitter: [bit.ly/3rt4l1x](https://bit.ly/3rt4l1x).

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1,422 words

10 March 2022

M2 Presswire

MTPW

English

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**Orange SA - Orange presents the third edition of the Observatory of Digital Uses, in **partnership** with OpinionWay.**

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1,178 words

10 March 2022

Public Companies News and Documents via PUBT

LCDVP

English

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\* [Click here to view this document in its original format](#)

Orange presents the third edition of the Observatory of Digital Uses, in **partnership** with OpinionWay.

Created in 2018 by Orange and OpinionWay, the Observatory is returning in its third edition to provide feedback on digital uses in 2021. This year, the Observatory aimed to measure the development of digital behaviors, the health crisis' impact on practices and to study the topic of digital maturity.

[Ecoutezle contenu de la page avec notre synthèse vocale](#)

A unique perimeter of Observation

With almost 17,000 people surveyed between May 7 and October 15, 2021, the survey covers 13 countries in total, including 11 countries in which Orange is present. It presents the main benefits and obstacles to the use of digital technologies as well as the perception of digital technology's impact on the environment and society. The results are that:

- \* 82% of French people now use digital technologies, behind South Korea and the United Kingdom (93%);
- \* Across all of the countries surveyed, 30% of respondents believe that data protection is a major issue;
- \* 59% of respondents believe that digital technology has a positive impact on the environment;
- \* In Europe, only 28% of respondents believe that digital technology has a negative impact on the environment.

Benefits and obstacles: double-edged use

Unsurprisingly, following the 2020/2021 health crisis and related lockdown periods, maintaining social ties came first in the Top 3 benefits of digital technology with 31% of the total, followed by openness to the world (27%) and making life easier (26%). Nevertheless, a few specifics stand out: in Europe only, saving time places third (30%) instead of openness to the world, which is much further behind in the rankings (19%), unlike the other zones studied.

The main benefits, which may have driven an increase in uses, also give rise to concerns which can sometimes act as obstacles to using digital technologies. Indeed, data protection comes out ahead for all the countries surveyed: fears that personal data will be hacked and a general lack of trust in digital technology go hand in hand with uses for respondents in almost all countries. The second and third places are occupied by very different responses depending on geographic zone: the risk of addiction and social withdrawal (24%) and price (21%) for Europe, mediocre or unreliable network quality (23%) and health risks (21%) for North Africa and wasting time in South Korea (23%).

The survey also covered the perception of digital technology's impact on the environment, with positive responses representing a significant majority in all countries (59% of the total). However, the percentage of negative responses should not be ignored, particularly in Europe (28%).

In the societal section, the positive impact of digital technology is just as significant. The results show a form of recognition of this role: digital services contribute to the development of solidarity (66% of respondents), the local economy (73% of respondents) and protecting the environment (71% of respondents).

Security: widespread anxieties in relation to data.

When it comes to social media, 56% of Europeans and 66% of people in the Middle East are worried about their accounts being hacked.

The study shows that when it comes to security, maturity and uses play an important role in terms of anxieties around digital technologies: the more mature users are, the less worried they are. As a result, 67% of "Low users" do not feel safe enough using social media, while only 28% of "Advanced users" feel the same way.

Africa: similar uses to other territories but heterogeneous acceleration.

While the proportion of digital users has increased worldwide since 2019, the data remains very heterogeneous. While 93% of the population are digital users in the UK and 82% in France, percentages are much lower in African countries: 41% in Burkina Faso and 39% in the Democratic Republic of Congo; even Morocco, the African country with the highest percentage of digital users, is only at 55%.

The crisis was also an opportunity for 53% of North African digital users to acquire or update equipment in the form of computers, tablets or phones.

The study shows that the pandemic did attract new users to certain practices, accelerating occasional users and providing opportunities for learning. That is the case in North Africa with digital health services such as booking an appointment with a healthcare professional, remote consultations or using a health app or website. More specifically, this increase in uses applies to 42% of the 29% of North Africans who had an online consultation during the crisis.

Finally, in the realm of smart cities, a similar increase in uses can also be observed for North Africans, particularly for visiting virtual cultural sites. While only 11% of them increased this use or tried it for the first time during the crisis, 46% say that they would be very interested in these services in future.

Béatrice Mandine, Executive Director of Communications, Brand and Engagement at Orange said: "Contrary to common preconceptions, over half of respondents, across all zones, are convinced that digital technologies can have a positive impact on the environment and lead to greater social cohesion. The more 'mature' users are, the stronger these beliefs tend to be in them. This feeds into two commitments made by Orange: continuing our efforts to reduce our carbon footprint and our actions to develop skills so that everyone can make the most of digital technology."

Link to the detailed presentation in French: <https://oran.ge/ODU2021>

Link to the detailed presentation in English: <https://oran.ge/ODU2021>

To find the definitions and methodological conventions of this 3rd edition of the Observatory of digital uses, please refer to the appendix of the presentation.

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1. France, the United Kingdom, Spain, Belgium, Poland, Romania, Morocco, Egypt, Senegal, Burkina Faso, Côte d'Ivoire, the Democratic Republic of Congo and South Korea.

2. France, Spain, Belgium, Poland, Romania, Morocco, Senegal, Burkina Faso, Côte d'Ivoire, the Democratic Republic of Congo and Egypt.

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10/03/2022 09:14 CET

\* [Original Link](#)

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## Orange Business Services and Fortinet partner on SASE

274 words

9 March 2022

Optical Networks Daily

OBSERV

English

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Orange Business Services and Fortinet are partnering to deliver a disruptive approach to Secure Access Service Edge (SASE) by integrating Fortinet's Security-driven Networking technologies into the Orange telco **cloud infrastructure**.

This next chapter in the Orange-Fortinet **partnership**, which has also yielded Flexible SD-WAN based on Fortinet Secure SD-WAN, provides the foundation for **cloud**-native transformations at scale for improved business agility and resilience. The result is a fully controlled end-to-end globally available SASE solution that bridges the gap between the user and the application. It delivers a secure and managed service from the Orange telco **cloud infrastructure**, boosted by **cybersecurity** expertise and capabilities with Orange Cyberdefense.

"Digital acceleration and the shift to support 'work from anywhere' is driving the hybrid convergence of networking and security to enable zero trust across all edges. Expanding upon our longstanding relationship with Orange, we're pleased to further integrate our Security-driven Networking technology into the Orange infrastructure to enable a converged networking and security solution, unmatched in terms of visibility, management capabilities, resilience, and user experience," explains John Maddison, EVP of products and CMO, Fortinet.

"This innovative partnership is a continuation of our cloud-focused network evolution. By integrating Fortinet Security-driven Networking technologies into the Orange telco cloud infrastructure, we enable our customers to easily adopt a cloud-native environment that is increasingly critical for businesses globally. At Orange Business Services, we facilitate the deployment and take-up of technologies that drive innovation and business growth for our customers in a fast and secure way," says Anne-Marie Thiollet, EVP, Global Solutions, Orange Business Services.

Document OBSERV0020220310ei3900009

**Orange Business Services and Fortinet Partner on SASE to Create a Secure, Seamless and Scalable Cloud-Native Network, Delivering Improved User Experience | Fortinet**

1,248 words

9 March 2022

M2 Presswire

MTPW

English

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\* Optimized **cloud** performance for office-based and remote users

\* Reinforced security and streamlined management for all types of enterprises

\* SASE will bring more value to existing SD-WAN customers

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**BRIEF-Orange Business Services and Fortinet Partner On SASE Service**

53 words

9 March 2022

14:09

Reuters News

LBA

English

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March 9 (Reuters) - Orange Business Services:

\* ORANGE BUSINESS SERVICES AND FORTINET PARTNER ON SASE TO CREATE A SECURE, SEAMLESS AND SCALABLE **CLOUD**-NATIVE NETWORK, DELIVERING IMPROVED USER EXPERIENCE  
Source text for Eikon: Further company coverage: (Gdansk Newsroom)

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**Orange Business Services Participations SA - Orange Business Services and Fortinet partner on SASE to create a secure, seamless and scalable cloud-native network, delivering improved user experience**

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585 words

9 March 2022

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Orange Business Services and Fortinet partner on SASE to create a secure, seamless and scalable cloud-native network, delivering improved user experience

March 09, 2022 Paris & Sunnyvale,, France

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**Fortinet Inc. - Orange Business Services and Fortinet Partner on Sase to Create a Secure, Seamless and Scalable **Cloud**-Native Network, Delivering Improved User Experience**

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1,334 words

9 March 2022

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Orange Business Services and Fortinet Partner on Sase to Create a Secure, Seamless and Scalable **Cloud**-Native Network, Delivering Improved User Experience

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Paris & Sunnyvale, Calif., - Mar 9, 2022

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## Orange Business Services and Fortinet Partner on SASE to Create a Secure, Seamless and Scalable Cloud-native Network, Delivering Improved User Experience

1,325 words

9 March 2022

14:00

Business Wire

BWR

English

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-- Optimized  
**cloud** performance for office-based and remote users  
-- Reinforced security and streamlined management for all types of enterprises  
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PARIS & SUNNYVALE, Calif.--(BUSINESS WIRE)--March 09, 2022--

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This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20220309005478/en/>

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Document BWR0000020220309ei390009f

## **Orange demonstrates multi-vendor interoperability of 400 Gbps transceivers in optical transmission test**

196 words

9 March 2022

Telecompaper Europe

TELEUR

English

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A team within the Orange Labs network has successfully carried out a demonstration of multi-vendor interoperability of 400 Gbps optical modules, in **partnership** with optical transceiver makers and with the collaboration of testing specialist Exfo. Describing the trial as a world first, Orange said that the demonstration proves that interoperability in optical transmission systems is now possible and can support large-scale DWDM deployments.

The Orange team completed the trial in France, setting up a 400 Gbps Ethernet service across three interconnected segments, namely a metropolitan link of 125 km, a national link of 800 km, and an intra-site link of 2 km.

The first segment relied on an optical module from NeoPhotonics at one end, and a module from Acacia Communications at the other, both compliant with the 400-ZR OIF standard. For the second segment, the equipment came from Acacia Communications and Lumentum, based on OpenROADM specifications, while the modules used in the intra-site link were compliant with IEEE standards.

Results of the demonstration will be presented in a post-deadline session at this year's OFC conference.

Document TELEUR0020220309ei3900005



## Orange and MasMovil merger could “open floodgates” on more alliances

Saf Malik

360 words

8 March 2022

Capacity Magazine

CAPMAG

English

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That is the view of Kester Mann, director of consumer and **connectivity** at CCS Insight after it was announced today that Orange and MasMovil had entered exclusive discussions of a possible merger.

The prospective deal would be a 50/50 **partnership** and will see the merged company co-controlled by both Orange and MasMovil, boasting a combined valuation of €19.6 billion.

A statement released by Orange this morning said that the joint venture would own network assets that provide it with a competitive edge in the market including a nationwide Fibre-to-the-home (FTTH) network reaching over 16 million homes and a leading-edge mobile network.

Orange had previously declined to comment on speculation linking it with a possible joint venture but the transaction is now expected to be signed by Q2 2022 and close by Q2 2023 subject to regulatory approval.

Mann says that the latest move could pave the way for further alliances in markets such as Italy, Portugal and the UK.

“The deal is the first major test of regulators' appetite for in-market consolidation since the pandemic,” he said.

“The industry has been pinning its hopes on a more lenient stance as the value of high-quality connectivity became ever more apparent and operators argue that they need greater certainty to make huge investments in future fibre and 5G networks.”

He adds that the sector will be watching developments with an “eagle eye”.

Mann also notes that in recent weeks operators in Spain have made no secret of their ambition to combine operations in one of Europe's most competitive markets.

This, he says, proves that it was simply a matter of who would reach an agreement first and when.

He adds that Vodafone has been exploring a deal in Spain, having previously been linked to possible transactions with Three UK and Iliad and today's news could be considered a blow to activist investor Cevian Capital.

“However, it may also consider that any move to reduce the number of players - even if involving other operators - is a positive development,” Mann added.

Document CAPMAG0020220328ei380000c

Business

**Orange and MTN to share African telco towers**

157 words

8 March 2022

Africa Intelligence

AFINT

0

English

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French Orange and South African MTN are considering sharing their telecommunications towers in the six African countries where they are both active. They have reportedly asked McKinsey to research the idea and review their infrastructures in Ivory Coast, Cameroon, Guinea, Guinea-Bissau, Liberia and Botswana. This collaboration would allow them to split maintenance costs, often unnecessarily duplicated in densely populated areas. It will also allow them to share the cost of new infrastructures, which will be necessary with the arrival of 5G in several of these countries. MTN already took measures to reduce **infrastructure** costs, by selling several of its pylons in South Africa to a company in which it owns minority stake, IHS Towers, a 'towerco' that rents antennae to operators. This would not be the first time Orange and MTN have worked together. In 2018, they co-founded Mowali to make their mobile money services interoperable.

Document AFINT00020220322ei3800002

## Orange Slovakia raises prices, boosts internet speeds and mobile data

191 words

7 March 2022

Telecompaper Europe

TELEUR

English

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Orange Slovakia has raised prices for most its services from 05 March, while also increasing internet speeds and the amount of mobile data in most packages. Customers also benefit from the new Online Protection security service from Orange, which they can activate free in their online account, and certain new TV channels and VoD services on top video plans. Prices for its fixed-mobile 'Love' packages are unchanged.

Orange noted that it had not increased prices for several years, while facing rising data traffic, inflation and network **investment** costs. Both existing and customers will receive the new packages and prices. Existing customers can cancel within one month at no penalty if they don't agree with the changes.

The cost of calls and SMS increased 20 percent under the cheapest tariff plans, while the monthly package costing EUR 65 is unchanged, reports Zive.aktuality.sk. The monthly rates of pay-TV packages Base, Optimum and Premium went up by EUR 1.90. Broadband speeds increased under most internet tariffs on DSL and fibre networks, while monthly subscription rates rose by around EUR 1.

Document TELEUR0020220307ei37000ji



## **Orange Cote d'Ivoire and Yabx collaborate to facilitate smartphone financing**

156 words

7 March 2022

Telecompaper Africa

TELAFR

English

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Orange Cote d'Ivoire and Yabx Netherlands, a fintech venture offering credit products in Africa, announced their collaboration with Cofina Cote d'Ivoire to facilitate smartphone financing for Orange customers.

According to Yabx, this **partnership** will make a significant difference in promoting digital lifestyles and expanding financial inclusion across Côte d'Ivoire. Yabx's device impairment technology enables Cofina to launch EMI plans, where Yabx manages the complete customer journey through digital channels, which includes selection, acquisition, disbursements, collections, among others.

Yabx provides the technology to underwrite smartphone financing for customers in multiple emerging markets. In doing so, the company builds customer profiles from tens of thousands of data points, using customer digital footprint on mobile services and mobile money. Yabx showcased its fintech solutions at MWC Barcelona, emphasising its collaborative lending model where it partners with mobile network providers and financial institutes to create innovative and disruptive propositions.

Document TELAFR0020220307ei3700007

## Intelsat to Deliver 3G and 4G **Connectivity** in Mali

182 words

7 March 2022

Internet Business News

INTA

English

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Intelsat, operator of the world's largest integrated satellite and terrestrial network and provider of inflight **connectivity** (IFC), has been selected by Orange Mali SA to bring 3G and 4G **connectivity** to hard-to-reach areas in Mali, the eighth largest country in Africa, the company said.

The agreement marks a first in Francophone West Africa -- the successful deployment of 4G networks over satellite, judged to be the optimal solution given the size of the country and the logistics involved.

Orange Mali is the mobile network operator in Mali and has been honored with two prestigious awards by OOKLA (global broadband speed test) as "Western Africa's fastest mobile network" and "Mali's fastest ISP."

As the foundational architects of satellite technology, Intelsat operates a satellite telecom network, with the world's first hybrid, multi-orbit, software-defined 5G network designed for simple, seamless, and secure coverage precisely when and where our customers most need it. Follow the company at Intelsat.com.

((Comments on this story may be sent to [info@m2.com](mailto:info@m2.com)))

Document INTA000020220307ei370005I

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6 March 2022

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((Comments on this story may be sent to [info@m2.com](mailto:info@m2.com)))

Document INTA000020220307ei360002u

## Mondelez moves global operations to all-digital workspace with Orange

Our Bureau, New Delhi

Distributed by Contify.com

276 words

5 March 2022

Food & Beverage News

ATFOBN

English

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Orange Business Services has announced that it is transforming snack-food giant Mondelez International with an all-digital communications **platform** based on Microsoft Teams. Cadbury, Chips Ahoy!, Oreo, and Ritz are just some of the Mondelez International brands whose operations will now be unified on a single, global **platform**.

Orange will manage the Microsoft Teams **platform**, which will improve communication and collaboration among Mondelez International's offices, factories, warehouses, and contact centre agents on a massive scale, encompassing 80,000 employees across operations in approximately 80 countries. It will eliminate all legacy PBX systems, and Orange will take over and manage Mondelez International's global communications **platform** end-to-end, including unique voice capabilities in markets such as China, India, the Middle East and Russia. Embedded **cloud** flexibility will enable Mondelez to scale their **platform** to grow and expand into new markets.

Some of the benefits expected once the implementation is completed by the end of 2022 include cost optimisation, a simpler IT vendor ecosystem with multi-cloud orchestration to manage the voice transformation, and a platform for new digital innovations.

"The entire physical footprint and home-based employees of Mondelez International's worldwide operations will be fully connected via a new virtual workspace," said Jyotin Shah, sr. director, global digital workplace services at Mondelez International. "We will be able to easily share digital resources, communicate with one another, inspire creativity and collaborate across all our brands, from Oreo to Chips Ahoy!. Even as the industry faces global supply chain challenges, Mondelez International is staying one step ahead."

Document ATFOBN0020220305ei350005I

## Orange Belgium starts showing Eco rating for smartphones, updates trade-in offer

215 words

4 March 2022

Telecompaper Europe

TELEUR

English

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Orange Belgium is launching the Eco Rating, a label to help customers understand the **sustainability** of mobile **devices**. It's also updating its trade-in and recycling programme for **devices**.

The Eco Rating was [developed by Europe's largest telecom operators](#) to encourage suppliers to reduce the environmental impact of their **devices**. The information is provided in retail outlets to show the environmental impact of producing, using, transporting, and disposing of smartphones and feature phones. Orange Belgium is the first operator to launch it in Belgium.

The rating is presented as a score out of 100, along with additional information about durability, repairability, recyclability, climate efficiency and resource efficiency.

The new device programme Re at Orange includes a repair service to help customers keep their device longer, the sale of refurbished smartphones by Orange, and the Return offer (formerly known as the BuyBack program), to give customers a credit towards a new phone when they trade-in an old device.

In 2021, thanks to more communication about the program, Orange Belgium collected more than 22,000 devices in the retail market, almost three times more than in 2020. For each device turned in, Orange Belgium gives EUR 2 to the environmental protection program Natagora/Natuurpunt.

Document TELEUR0020220304ei340005q





## **Intelsat to deliver 3G, 4G connectivity in Mali, Africa**

CT Bureau

Distributed by Contify.com

272 words

4 March 2022

Communications Today

ATCOMT

English

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Intelsat, operator of the world's largest integrated satellite and terrestrial network and leading provider of inflight connectivity (IFC), has been selected by Orange Mali SA to bring 3G and 4G connectivity to hard-to-reach areas in Mali, the eighth largest country in Africa.

The agreement marks a first in Francophone West Africa – the successful deployment of 4G networks over satellite, judged to be the optimal solution given the size of the country and the logistics involved.

Orange Mali is the leading mobile network operator in Mali and has been honored with two prestigious awards by OOKLA (global broadband speed test) as "Western Africa's fastest mobile network" and "Mali's fastest ISP."

"Intelsat is on a mission to deliver high-quality, dependable connectivity to people around the world, regardless of where they live," said Intelsat general manager and vice president of Networks, Brian Jakins. "But for people in remote and rural locations, reliable and secure connectivity takes on a heightened level of importance. The Intelsat team is partnering with Orange Mali to help resolve a serious connectivity problem in a country where terrestrial infrastructure quality is less reliable."

"From a feasibility and economic standpoint, satellite communications are ideal for deploying 3G and 4G coverage in a country like ours," said Moussa Yaro, technical director of Orange Mali. "Intelsat's reputation as an innovative market leader providing seamless coverage in some of the most remote corners of the world, along with our excellent current working relationship with the company, makes them the ideal solution for our needs."

Document ATCOMT0020220304ei3400007



## Intelsat to Deliver 3G and 4G **Connectivity** in Eighth Largest Country in Africa

News Desk  
472 words  
3 March 2022  
News Ghana  
NWGHA  
English

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News Ghana, Latest Updates and Breaking News of Ghana, News Desk,  
<https://newsghana.com.gh/intelsat-to-deliver-3g-and-4g-connectivity-in-eighth-largest-country-in-africa/>

Agreement with Orange Mali Expands Secure **Connectivity** in Hard-to-Reach Areas

MCLEAN, Va.-(BUSINESS WIRE)– [Intelsat](#), operator of the world's largest integrated satellite and terrestrial network and leading provider of inflight connectivity (IFC), has been selected by Orange Mali SA to bring 3G and 4G connectivity to hard-to-reach areas in Mali, the eighth largest country in Africa.

[Click to view image](#)

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For more information about Intelsat’s global network, visit [here](#).

### About Intelsat

As the foundational architects of satellite technology, Intelsat operates the world’s most trusted satellite telecom network. We apply our unparalleled expertise and global scale to connect people, businesses and communities, no matter how difficult the challenge. Intelsat is building the future of global communications with the world’s first hybrid, multi-orbit, software-defined 5G network designed for simple, seamless, and secure coverage precisely when and where our customers most need it. Follow the leader in global connectivity and “Imagine Here,” with us, at [Intelsat.com](https://www.intelsat.com).

Follow Us on Social Media:

[Twitter](#) | [LinkedIn](#) | [Facebook](#) | [Instagram](#) | [YouTube](#)

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News Ghana, Latest Updates and Breaking News of Ghana, News Desk,  
<https://newsghana.com.gh/intelsat-to-deliver-3g-and-4g-connectivity-in-eighth-largest-country-in-africa/>





**Orange and Yabx collaborate with Cofina to facilitate Smartphone Financing in Ivory Coast; This partnership will make a significant difference in promoting digital lifestyle and expanding financial inclusion across Côte d'Ivoire**

591 words

3 March 2022

16:46

African Press Organization

APOENG

English

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Orange (<https://bit.ly/3vIEI5M>), the leading operator in Cote d'Ivoire and Yabx Netherlands ([www.Yabx.co](http://www.Yabx.co)), a fintech venture offering credit products across multiple countries in Africa, today announced their collaboration with Cofina Cote d'Ivoire (<https://bit.ly/3CceFQr>), a leading financial institution dedicated to mesofinance, to facilitate smartphone financing for Orange customers. The announcement was made during the MWC show at Barcelona.

This **partnership** will make a significant difference in promoting digital lifestyle and expanding financial inclusion across Côte d'Ivoire. Yabx's state-of-the-art device impairment technology enables Cofina to launch EMI plans, where Yabx manages the complete customer journey through digital channels, which includes selection, acquisition, disbursements, collections, etc.

Commenting on the partnership, Raoul YOBOUET, Chief Marketing Officer of Orange Côte d'Ivoire, said, "To experience high quality of digital services and user experience, it is imperative for customers to buy 4G smartphone. High one-time expenditure becomes key challenge to increase user adoption. We are confident that through this partnership with Yabx, the high entry-cost barrier will be eliminated, which will help in driving smartphone adoption."

Speaking on the occasion, Puneet Chopra, Chief Growth Officer, Yabx, said, "Our collaboration with Orange Côte d'Ivoire is a part of the company's long-term strategy to enable digital lending services in Africa. Our partnership would facilitate the vision of affordable and convenient handset financing. The main economic and social objectives of our partnership is to help the population of Côte d'Ivoire gain instant access to smartphones in an affordable and convenient manner, enhancing digital adoption through financial inclusion."

Elhadj Kane, Legal Director & Company Secretary at Cofina, said, "This partnership helps us further advance on our vision to be the pan-African model for inclusive finance and use of technology to do responsible lending."

Yabx provides the technology to underwrite smartphone financing for customers in multiple emerging markets. In doing so, the company builds customer profiles from tens of thousands of data points, using customer digital footprint on mobile services and mobile money.

Yabx is showcasing its fintech solutions at MWC Barcelona emphasizing on its collaborative lending model where they partner with mobile network providers and financial institutes to create innovative and disruptive propositions bringing substantial new value pools for all stakeholders.

Yabx is present at MWC in Hall 5 — 5I81MR.

Distributed by APO Group on behalf of Yabx.

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[sundeep.mehta@comviva.com](mailto:sundeep.mehta@comviva.com)

About Yabx: Yabx aims at simplifying financial access to over two billion unbanked customers and MSMEs in the emerging markets of Latin America, Africa, and Asia, and Latin America.

Yabx offers a platform to enable digital lending, merchant and MSME financing, buy-now pay-later (BNPL) products, where they help banks and financial services organizations underwrite the customers using alternate data. The company leverages technology and analytics to reduce the cost of delivering financial services, thereby bringing banking services to the unbanked. This is achieved through strategic partnerships with leading banks, microfinance institutions, credit bureaus, mobile financial services providers, mobile network operators and handset manufacturers. Incubated by Comviva, a global leader in mobile financial

services. Yabx is led by a team of industry experts and entrepreneurs and currently operates out of The Hague, New Delhi, Bogota and Nairobi.

For more information visit [www.Yabx.co](http://www.Yabx.co)

Document APOENG0020220303ei330008h



## Orange and Yabx collaborate with Cofina to facilitate Smartphone Financing in Ivory Coast

613 words

3 March 2022

M2 Presswire

MTPW

English

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Orange (<https://bit.ly/3vIEl5M>), the leading operator in Cote d'Ivoire and Yabx Netherlands ([www.Yabx.co](http://www.Yabx.co)), a fintech venture offering credit products across multiple countries in Africa, today announced their collaboration with Cofina Cote d'Ivoire (<https://bit.ly/3CceFQr>), a leading financial institution dedicated to mesofinance, to facilitate smartphone financing for Orange customers. The announcement was made during the MWC show at Barcelona.

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For more information visit [www.Yabx.co](http://www.Yabx.co)

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Document MTPW000020220303ei33006hd

## Eurobites: Telecom Italia records net loss of €8.7B for 2021

Paul Rainford

678 words

3 March 2022

Light Reading

LITEREAD

English

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Also in today's EMEA regional roundup: A1 Telekom joins **cloud infrastructure** initiative; Orange Mali chooses Intelsat for hard-to-reach areas; Spotify closes Moscow office.

\* Recent months have proved turbulent for Telecom Italia (TIM), and its full-year 2021 financials only serve to ratchet up the pressure on the company, with a [net loss of euro 8.7 billion](#) (US\$9.6 billion) being recorded after a "domestic goodwill" impairment of euro 4.1 billion (\$4.5 billion). Revenues were down 1.9% year-on-year, to euro 15.3 billion (\$16.9 billion). One bright spot was TIM's cloud unit, Noovle, which saw revenues climb 20% year-on-year, thanks in part to a partnership with Google Cloud. But these are uncertain times for the operator: In November, investor KKR submitted a euro 10.8 billion (US\$12.2 billion) offer for TIM - a decision on that is expected by the middle of this month. (See [TIM appoints new CFO as plan takes shape](#).)

\* A1 Telekom Austria has followed the lead of Deutsche Telekom, KPN and others and signed up to the European cloud infrastructure initiative, Structura-X. The initiative seeks to provide common infrastructure services that meet [Gaia-X requirements](#) for the decentralized management of data. The ultimate aim of the project is to shape the participating companies' existing infrastructure services into an "ecosystem" for European "data sovereignty," whereby the storage of EU citizens' data is not subject to exploitation by (primarily American) tech behemoths.

\* Orange Mali has chosen Intelsat to help bring 3G and 4G connectivity to hard-to-reach areas of the African nation. According to Intelsat, the agreement is the first of its kind in Francophone West Africa.

\* Spotify, the Sweden-based audio streaming company, has closed its Moscow office in response to Russia's invasion of Ukraine. As [Reuters reports](#), Spotify had earlier this week removed all content from Russia's state-controlled news mouthpiece, RT (apart from in its Russian market).

\* Telefonica Tech has teamed up with blockchain specialist Polygon to develop so-called "Web3" offerings, Web3 being the term for a new variant of the World Wide Web based on blockchain technology. According to Telefonica, the collaboration will allow TrustOS, Telefonica Tech's managed blockchain platform, to improve its traceability, tokenization and certification capabilities.

\* [Vodafone UK](#) is retrofitting barely used public telephone kiosks with miniature 4G technology units to boost coverage in a number of cities, London, Reading and Winchester among them. To date, just nine phone boxes have been given the treatment, providing a Vodafone 4G signal over a radius of 200 meters from the box.

[Click here to view Figure 1.](#)

\* Nokia has upgraded some of its 1830 PSS-x range of packet optical transport network offerings. Upgrades include a doubling of switching capacity to 48 Tbit/s and new WDM uplinks based on Nokia's fifth-generation Photonic Service Engines (PSE-V).

\* DNA, Telenor's Finnish subsidiary, has appointed Bjorn Taale Sandberg as its new chief strategy officer, succeeding Christoffer von Schantz, who assumed the role of vice president of DNA's broadband and TV business in late 2021.

\* UK altnet Hyperoptic has launched a new mesh Wi-Fi service that it says is aimed at those with larger properties who are heavy Wi-Fi users. Mesh network technology extends the distance and coverage of Wi-Fi across a property, via access points that connect to a router. Hyperoptic Total Wi-Fi will initially be available for new and existing customers for GB pound 5 (\$6.68) a month, until 31 March 2022, when it goes up to GB pound 7 (\$9.36) a month.



\* Hyperoptic's rival, CityFibre, has announced Luton and Dunstable as the next UK towns in line for the full-fiber treatment. The GB pound 45 million (\$60.2 million) investment should, says CityFibre, bring fiber connectivity within reach of every home and business in the two towns.

- Paul Rainford, Assistant Editor, Europe, [Light Reading](#)

p.rainford@yahoo.co.uk

Document LITEREAD20220303ei3300001

**Orange Belgium SA - Orange Belgium commits to a sustainable smartphone market by being the first in Belgium to launch the Eco Rating for devices and a new global program, Re**

Orange Belgium SA published this content on 03 Mar 2022 and is solely responsible for the information contained herein. Distributed by PUBT, unedited and unaltered, on 03 Mar 2022 13:42:44 UTC.

706 words

3 March 2022

Public Companies News and Documents via PUBT

LCDVP

English

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\* [Click here to view this document in its original format](#)

Orange Belgium commits to a sustainable smartphone market by being the first in Belgium to launch the Eco Rating for devices and a new global program, Re

Orange Belgium is committed to act as a responsible operator and to promote the most sustainable practices. It therefore decided to launch the Eco Rating, a label offering key information to customers on the sustainability score of devices to help them make educated choices. Orange Belgium will also launch a brand-new program to federate its initiatives: Re, for Repair, Refurbish, Recycle and Return (also known as the highly successful BuyBack program).

The Eco Rating, which Orange Belgium will progressively introduce in its communications towards the market, will help consumers identify and compare the most sustainable mobile phones and encourage suppliers to reduce the environmental impact of their devices. The Eco Rating initiative has been created jointly by Deutsche Telekom, Orange, Telefónica, Telia Company and Vodafone to provide consistent, accurate information at retail on the environmental impact of producing, using, transporting, and disposing of smartphones and feature phones. Orange Belgium is the first operator to launch it in Belgium.

Following a detailed assessment, each mobile phone handset is given an overall Eco Rating score out of a maximum of 100 to signal the environmental performance of the device across its entire life cycle. The Eco Rating label will also highlight five key aspects of mobile device sustainability, providing additional information about durability, reparability, recyclability, climate efficiency and resource efficiency.

Repair - Refurbish - Recycle - Return

To unify all its initiatives, Orange Belgium also launches a global program: Re, which is focused on 4 pillars:

\* Repair: every Orange Belgium shop offers a reparation service to help customers keep their device longer. Battery problems, broken screens, Orange Belgium repairs customers' phone and extend its life.

\* Refurbish: the operator offers a second life to devices by the sale of refurbished smartphones. Choosing a refurbished mobile phone is to limit its environmental impact while acquiring a like new at a lower cost. One refurbished mobile phone = 30 kg of CO2 avoided.

\* Recycling: non-reusable mobile phones are recycled and their metals recovered. Orange undertakes to erase personal data before recycling a customer's mobile phone.

\* Return (formerly known as the BuyBack program): a program which allows customers to bring their old devices to an Orange shop and be offered a voucher between 2€ and 500€ based on the residual value of the device. In 60% of the cases, the devices are re-used or refurbished while the remaining 40% are being recycled.

The collection of old devices increased by almost 200% in 2021

In 2021, thanks to an increased communication on the program, Orange Belgium collected more than 22.000 devices in the retail market, almost three times more than in 2020.

For each device that lands in Orange's BuyBack program, Orange Belgium gives 2 euros to the environmental protection program Natagora/Natuurpunt. In 2021 more than 2ha of trees were planted.

Isabelle Vanden Eede, Chief Communication, Brand and CSR Officer of Orange Belgium: "Our commitment to sustainability is not a hollow statement. Our ambition is to give our customers the possibility to make

educated choices when it comes to the devices they buy and their impact on the environment. This is even more impactful when you consider the fact that this initiative is being deployed by the operators in more than 20 countries. This, combined with our new umbrella program Re which promotes the most sustainable practices on the smartphone market, is a major proof of how an operator can actually make a difference."

\* [Original Link](#)

#### Disclaimer

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Document LCDVP00020220303ei3300g1w

## Streaming Video Alliance reaches new interoperability milestone in open caching tests

248 words

3 March 2022

Telecompaper World

TELWOR

English

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The Streaming Video Alliance (SVA) said that its Open Caching Testbed Initiative, led by Broadpeak and Telefonica, has achieved a new milestone. Ateame, Broadpeak, Orange, Vecima and Telefonica have demonstrated the capacity for their **CDN** systems to be provisioned for streaming delegation, with an Open Caching Network, by exposing the SVA's Open Caching API (server-side) in the testbed and showing correct operation between their systems and the testbed. The client-side of the SVA's Open Caching API was provided by the Broadpeak umbrella CDNsystem. Testing took place from June to end December.

SVA said it will be welcoming new participants to the testbed, on both the client and server-side, to test new features such as security and error cases, and new functions such as configurations and capacity insights.

The SVA announced the availability of the first release in August 2021. The primary challenge the testbed solves is providing a way to demonstrate interoperability, based on Open Caching APIs, between different caching systems hosted by different companies within the streaming video ecosystem, namely content providers, CDNs, and Network Operators (ISPs).

The testbed setup for the most recent interoperability tests Included Ateame as a downstream CDN (dCDN), Broadpeak as a dCDN and an upstream CDN (uCDN) delegating the user requests to any dCDN, Disney Streaming as content origin, and Orange, Telefonica and Vecima as dCDN.

SVA will host its East Coast Streamup event in April.

Document TELWOR0020220303ei330002u



**Orange Mali selects Intelsat to deliver 3G and 4G connectivity**

71 words

3 March 2022

Telecompaper Africa

TELAFR

English

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Intelsat has been selected by Orange Mali to bring 3G and 4G connectivity to hard-to-reach areas. The deployment of 4G networks over satellite is considered an optimal solution given the size of the country and logistics involved. Intelsat is partnering with Orange Mali to help resolve a serious connectivity problem in a country where terrestrial infrastructure quality is less reliable.

Document TELAFR0020220303ei330005I



**Intelsat to Deliver 3G and 4G Connectivity in Eighth Largest Country in Africa; Agreement with Orange Mali Expands Secure Connectivity in Hard-to-Reach Areas**

428 words

3 March 2022

M2 Presswire

MTPW

English

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McLean, Va. Intelsat, operator of the worlds largest integrated satellite and terrestrial network and leading provider of inflight connectivity (IFC), has been selected by Orange Mali SA to bring 3G and 4G connectivity to hard-to-reach areas in Mali, the eighth largest country in Africa.

The agreement marks a first in Francophone West Africa the successful deployment of 4G networks over satellite, judged to be the optimal solution given the size of the country and the logistics involved.

Orange Mali is the leading mobile network operator in Mali and has been honored with two prestigious awards by OOKLA (global broadband speed test) as Western Africa's fastest mobile network and Mali's fastest ISP.

Intelsat is on a mission to deliver high-quality, dependable connectivity to people around the world, regardless of where they live, said Intelsat general manager and vice president of Networks, Brian Jakins. But for people in remote and rural locations, reliable and secure connectivity takes on a heightened level of importance. The Intelsat team is partnering with Orange Mali to help resolve a serious connectivity problem in a country where terrestrial infrastructure quality is less reliable.

From a feasibility and economic standpoint, satellite communications are ideal for deploying 3G and 4G coverage in a country like ours, said Moussa Yaro, technical director of Orange Mali. Intelsat's reputation as an innovative market leader providing seamless coverage in some of the most remote corners of the world, along with our excellent current working relationship with the company, makes them the ideal solution for our needs.

**About Intelsat**

As the foundational architects of satellite technology, Intelsat operates the worlds most trusted satellite telecom network. We apply our unparalleled expertise and global scale to connect people, businesses and communities, no matter how difficult the challenge. Intelsat is building the future of global communications with the worlds first hybrid, multi-orbit, software-defined 5G network designed for simple, seamless, and secure coverage precisely when and where our customers most need it. Follow the leader in global connectivity and Imagine Here, with us, at Intelsat.com.

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## Intelsat to Deliver 3G and 4G **Connectivity** in Eighth Largest Country in Africa

433 words

3 March 2022

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Business Wire

BWR

English

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Agreement with Orange Mali Expands Secure **Connectivity** in Hard-to-Reach Areas

MCLEAN, Va. --(BUSINESS WIRE)--March 03, 2022--

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For more information about Intelsat's global network, visit [here](#).

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**Orange SA - Orange and Samsung Expand Partnership to extend product life cycle and Enhance Cus...**

Orange SA published this content on 02 Mar 2022 and is solely responsible for the information contained herein. Distributed by PUBT, unedited and unaltered, on 23 Mar 2022 10:43:32 UTC.

762 words

2 March 2022

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LCDVP

English

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Orange and Samsung Expand Partnership to extend product life cycle and Enhance Cus...

New agreement aims to reduce mobile equipment waste, advance 5G services, and enhance multi-device digital experiences delivered to end users.

Orange and Samsung Electronics today announced a series of new initiatives that expand their long-term strategic partnership to enhance Samsung Galaxy user experiences across Europe. The two companies will collaborate to reduce waste and extend the life cycle of mobile devices; implement device and technology testing to prepare for the arrival of 5G standalone; promote the Samsung Galaxy multi-devices experience; and enhance the mobile customer journey with advanced digital services.

Together, the companies are working to reduce the waste attributable to Samsung mobile devices distributed by Orange by extending the lifecycle of a typical product. Orange will offer an extension on the trade-in and the collection programs on used Samsung devices and add a Samsung Certified Refurbished device program through Orange channels. Additionally, the collaboration will leverage the implementation of the Eco-Rating methodology, a pan industry initiative driven by a consortium of European mobile operators, across Samsung Galaxy smartphones. The new rating will evaluate the environmental impact of the mobile phones during their entire life cycle from design to disposal, allowing Orange and Samsung to implement further improvements.

As part of this agreement, Orange and Samsung are also preparing for the deployment of advanced 5G standalone (SA) services. The collaboration will see the implementation of end-to-end testing of Samsung devices and technology such as network slicing and voice over Orange's 5G SA test networks. The process will explore new use-cases made possible through 5G SA network capabilities to support both advanced industrial and entertainment-related services.

Orange and Samsung are also strengthening their collaboration to bring a connected experience powered by Samsung Galaxy devices to Orange customers. This multi-device approach will be deployed in Orange stores and online channels to support Orange's multi-service strategy, delivering an immersive and seamless mobile experience to end users.

Furthermore, the companies will combine their product and technology assets to provide an upgraded digital activation experience to Orange customers through Samsung smartphone personalization. Samsung will deploy SIM-based personalization of its mobile devices for Orange customers on a single mobile software configuration. Samsung's over-the-air personalization service will facilitate the discovery and seamless installation of key Orange applications on eligible Samsung Galaxy smartphones regardless where the customers purchase their Galaxy smartphones.

Finally, Samsung and Orange will progressively generalize the deployment of eSIM activation to a wider range of Samsung devices connected to Orange networks. This will further simplify their users' experience and reduce the share of plastic-based SIM cards used across the Orange European footprint.

Philippe Lucas, Executive Vice President, Orange Innovation Devices and Partnerships, Orange, commented, "this partnership closely mirrors Orange's core priorities, contributing to our goals to move rapidly to fulfil our circular economy ambitions and address consumer and societal demand for sustainable devices by pushing trade in and refurbishment schemes to extend product life cycles and reduce waste. Furthermore, our commitment to sustainability will drive innovation, enabling differentiation and ultimately deliver growth, as we respond to evolving customer needs. Our close working relationship with Samsung is a great asset in realizing these ambitions."

"Samsung is dedicated to innovative, strategic partnerships that enable us to scale positive impact around the world," said Bryan Choi, Executive Vice President and Head of Strategic Marketing of Mobile eXperience Business, Samsung Electronics. "We are pleased to strengthen our relationship with Orange and see Galaxy devices being recycled and re-used in different ways and to help provide a more seamless experience for the Galaxy community."

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at <http://news.samsung.com>.

\* [Original Link](#)

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 **Orange SA**

MarketLine Company Profiles, 2 March 2022, 12466 words, (English)

Orange SAOrange SA (Orange or "the group") is a provider of telecommunication services. The group offers fixed telephony and mobile telecommunications, data transmission, internet and multimedia, and other value-added services to consumers,...

## Orange Poland to expand fibre network in Lesznowola

87 words

2 March 2022

Telecompaper Europe

TELEUR

English

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Orange Poland plans to cover an additional 12,000 households with its fibre-optic network in the Lesznowola municipality in the Masovia region by the end of this year, reports Przeglądpiaseczny.pl. The municipality concluded an agreement on the deployment of the network with the operator two years ago.

Orange Poland has already covered 3,782 households in the municipality under its own **investment** project, and 852 households were covered under the government's Operational Programme Digital Poland (POPC).

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