















عالم رقمي @

**زيارة وفد الشركة العالمية أوتوديسك Autodesk لشركة كوالى سانلر德 QSIT لدعم خططها التوسعية في السوق المصري**

بیجاچ حلقہ: AppGallery Gamers Cup  
منجر وجا رینا ہری فلائر یختہمان: AppGallery



**قيمة 2.5 مليون دولار : استثمارات جديدة في تطبيق التواصل السريع " فر "**

**باب: يحيى خالد - نهاد مطر**  
عن طريق [٢]، حيث يأخذ المختصون في التجارة الإلكترونية والتجارة  
الجديدة، في مقدمة دراساتهم بـ ٣٥% من المستثمرين الأفراد والشركات.  
**Welsh Venture Part - The Taken Seat Pre-Seed**  
ومن بينهم، ويشمل ذلك ١٠% من المستثمرين الأفراد والشركات.  
في عام ٢٠٢١، وسيتم إدخال خامنوس ميسنر في قطاع التكنولوجيا والذكاء  
الاصطناعي، حيث يدرس بطرق مختلفة باعتباره ملهمًا في تطوير  
التطبيقات والخدمات الجديدة. وفيما يلي بعض من البيانات والرسائل التي  
تم إصدارها في هذا الصدد، بما في ذلك: ١٥,٥٠٠ مليون دولار من  
المستثمرين الأفراد والشركات، و١٥٪ من الـ بـ ٣٥٪ من  
البيانات والرسائل التي تم إصدارها في هذا الصدد، بما في ذلك:

A photograph of two men in business attire shaking hands. They are positioned in front of a light blue banner. The banner features the 'ESIT' logo at the top, followed by the text 'The Leap' in a large serif font, and the 'Autodesk' logo below it. The background shows a modern interior space with glass walls.

نديم الجلول الشاعرة ذات القيمة المضافة للأيمان، حيث ان ملقتنا بشركة ابريل ستاندرد هي علامة وطنية ولهذه الاعوام طبلةً كما ننسى ما من تعرّف بـ«الجنة» المضافة الى جلول الملايين التي تقدّمها ما هي تختفي الملايين جرّاء مرض للجلول والبرمجيات إلى منهمون تقديم جلول تكنولوجية متكاملة شركات وكليات التكنولوجيا حتى المؤسسات المصرفية لديهمها هي تحسين معايير التقنية واصحافها باحد عشر اعلان

**عبدالله العسيلي - محمد الجفري**  
في إطار الدورة الاستثنائية المقامة بنشرة "كواليس ستاندرز" (QST) ورشة "لوبويست" (Lobwist)، وهي ملتقى متخصص ينعقد كل عام في شهر ديسمبر، حيث تجتمع فيه المؤسسات والهيئات التي تهتم بالسياسات العامة والدراسات المعاصرة، طبقاً لخطبة افتتاح أعمال الملتقى، التي ألقاها رئيس هيئة تقويم التعليم العالي، الدكتور محمد عاصم العسيلي، والتي تناولت "دور المؤسسات التعليمية في تحقيق التنمية المستدامة".

**"سامسونج" تكشف عن تشكيلاتها الجديدة من الشاشات متعددة الاستخدامات خلال معرض الالكترونيات الاستهلاكية 2022**

A photograph of a modern interior room. On the left, a dark sofa is partially visible. In the center, a blue armchair sits on a light-colored rug. To the right, a large window offers a view of a city skyline at night, with illuminated buildings and a bridge. A green vertical-striped curtain hangs on the left side of the window. On the far right wall, there is a painting of a landscape with a sunset or sunrise. The overall atmosphere is contemporary and sophisticated.

أي زوجية يصل حجمها إلى 100 بوصة، كما ياتي مع هذه أسلحة متعددة تضمن صواباً ممتازاً للثأر والبقاء من دون أي شبهة، كما ياتي  
إضافة المسود على مساحة 360 درجة لالملاحة، مما يدفعه على الاستئثار  
بتجهيز سلاح ذات تجارة المليونين الفنون على مكان ووجهه.  
ويتضمن مهار Free style على هوى الفنون التي تماطلة على وجهه  
سامسونج، إلى طلب خدمات الـ AI الصناعية وميزات النوع المطلق

النظامين الفيزيون على  
وإحياء الأحلالات.  
فأولى الخطوات غير المألوفة  
على المفترض، ولكنها  
شيءًا إلى شيءًا  
تحقيق الأمان أو تقديم  
على المسورة الكاملة  
لأنه يتحقق على بعد.  
وأضاف: “كثيرٌ هنا  
في الواقع لا يكتسبون  
كل التأمين الذي  
يكتسبونه في الافتراضات  
باستخدامها فقط.  
المطالبة بـ 4٪ تكميل  
في الوصول إلى تكميل  
النظام المأهولين في  
النقطة المطلوبة، وهذا  
مما يتحقق على بعد ما ذات  
تمثيل ملحوظ.”

A team of analysts in a dark, high-tech control room. One analyst stands by a large screen displaying a world map with glowing blue data points, while others work at desks with multiple monitors showing various data and charts.

**فرانك بروس**  
يقدم،  
الرئيس التنفيذي لشركة "Nikulipe" للتكنولوجيا  
المطبوعات الرقمية

**تواصل المطهورات عبر المحتوى في الفيسبوك زيادة شديدة**

من المتوقع أن تتجاوز تجارة الإيجارية للممارسات المالية عبر الهاتف المحمول في الأسواق الناشئة 870 مليار دولار في عام 2024 ، يؤكد الواقع أن التوجه العالمي في اتجاه إغلاق المصارف الورقية، حيث من المقرر أن تشهد فروع المصارف الأوروبية انخفاضاً يبلغ 60٪ في الأسواق الناشئة بحلول عام 2022 .

لتحقيق ذلك، اتّجهت المطهورات عبر الهاتف المحمول باكثير إلى تطوير طرق الدفع المحمولة.

ويُعتقد أن السوق الأوروبية للأدوات المحمولة ستكون مهيأة لـ“البنوك المحمولة” (FMP) في أفق

جوبو المصارف الالية في أواخر الربع الأول من القرن العاشر والعشرين.

## THREE more countries to adopt Bitcoin as legal tender in 2022?

By : Basel Khaled - Nahla Makled  
Bitcoin will be adopted as legal tender in three more countries in 2022, predicts the CEO of a game-changing global financial giant.

The ultra-bullish prediction from Nigel Green of deVere Group, one of the world's largest independent financial advisory, asset management and fintech organizations, doubles down on one made on Sunday by the President of El Salvador.

To his 3.2 million followers, Nayib Bukele tweeted a series of predictions about Bitcoin, including "2 more countries will adopt it as legal tender." Amongst the others were that the cryptocurrency will hit \$100,000 this year.

El Salvador made history in September by becoming the first country in the world to make Bitcoin an official currency alongside the U.S. dollar.

Nigel Green says: "I'm confident that the young, maverick President, Nayib Bukele, is correct about other countries adopting Bitcoin as legal tender in 2022."

"But I would go further still than he did. I believe that it's likely that three more nations will follow El Salvador's pioneering, future-focused lead into the digital age."



He continues: "Low-income countries have long suffered because their currencies are weak and extremely vulnerable to market changes and that triggers rampant inflation."

"This is why most developing countries become reliant upon major 'first-world' currencies, such as the U.S. dollar, to complete transactions."

"However, reliance on another country's currency also comes with its own set of often very costly, problems. A stronger U.S. dollar, for example, will weigh on emerging-market economic prospects,

since developing countries have taken on so much dollar-denominated debt in the

past decades."

The deVere boss goes on to add: "By adopting cryptocurrency as legal tender these countries then immediately have a currency that isn't influenced by market conditions within their own economy, nor directly from just one other country's economy. Bitcoin operates on a global scale and therefore is impacted by wider, global economic changes."

In addition, he notes, cryptocurrencies could also help "bolster financial inclusion for individuals and businesses" in developing countries as they "can circumnavigate the biases" of traditional banks and other financial services providers.

Following President Bukele's bold tweet about more countries adopting Bitcoin as legal tender this year, his followers posted opinions about which nations they believed would be likely to do so. These included Tonga, Turkey and Bolivia, to name a few. For his part, Nigel Green says: "Due to their similar reliance on remittances, amongst other factors, other countries, including Panama, Paraguay, Guatemala and Honduras, could also adopt Bitcoin."

"Just after El Salvador's adoption back in September, Panama announced a bill to

make the cryptocurrency legal tender in the country. Also, Congressman Gabriel Silva tweeted that this could create jobs in Panama and lure investment from other nations."

"A Paraguayan bill moving to regulate the trading and mining of Bitcoins and cryptocurrencies in the country passed the Senate last month. Is this the first step to making Bitcoin legal tender?"

The central banks of Honduras and Guatemala are both eying digital currencies too, according to officials, but they are – for now – taking a different approach.

"They're currently studying central bank digital currencies (CBDC). This demonstrates, again, that they too are confident that the future of money is digital."

"However, I think they will ultimately embrace an existing cryptocurrency as a legal tender as El Salvador has done," says Nigel Green.

He concludes: "President Bukele is right. Other countries will indeed follow El Salvador's example and make Bitcoin legal tender in 2022."

"How many remains unclear, of course. But when it happens, it will be a snowball effect."

## Huawei rotating chairman confirms company's resilience in 2021, shares confidence in 2022 performance

By : Bakrnam Khaled - Mohamed Halmy

In a new year message shared with the public, Huawei's rotating chairman Mr. Guo Ping confirmed that the company had enhanced the quality and efficiency of its operations in 2021, and expects to round off the year with a total revenue of 634 billion yuan (approximately USD 99.48 billion).

"In 2021, despite all the trials and tribulations, we worked hard to create tangible value for our customers and local communities," Ping said in the new year message. "We worked more closely with our customers and partners, and our global operations are business as usual. Our transformation initiatives and strategic investments have progressed in good order, and our overall performance was in line with our forecasts."

Ping noted that Huawei's carrier business remained stable during the year, that its enterprise business experienced solid growth, and Huawei's device business expanded swiftly into new business domains.

According to the new year message, the priority for Huawei looking ahead to 2022 include:

Creating value for customers – Huawei intends to work with carrier and enterprise customers as well as partners around the world to build simple, green, and intelligent ICT infrastructure that helps all industries



go digital. It plans to deeply integrate ICT technology with operational scenarios in key industries and work with partners to meet a diverse range of customer needs. For example, by integrating digital and power electronics technologies, the Huawei Digital Power business will develop clean energy and help traditional energy sectors go digital. HUAWEI Cloud will also innovate alongside partners and developers to provide its customers with stable, reliable, secure, and trustworthy cloud services.

Collaborating for shared success – Ping noted that Huawei will build a software ecosystem centered on EulerOS for digital infrastructure and a device ecosystem centered on HarmonyOS. These two ecosystems will adhere to an open source strategy, allowing all software developers to use them, contribute to them, and benefit from them, thus building a fully connected, intelligent world.

Creating social value while enhancing security and trustworthiness – Huawei aims to support the digital transformation of industries,

promote the development of small- and medium-sized enterprises, and enable more people to benefit from digital technologies. Ping noted that Huawei is already helping local communities cultivate digital talent through initiatives like Seeds for the Future, ICT Academies, and Women in Tech. The company is also facilitating green and sustainable development and protecting the natural environment through intelligent and low-carbon technologies.

Continuing investment and developing future-oriented capabilities – Ping stressed that Huawei needs to focus on its core business and move away from the perimeter, ensuring strategic investment to maintain its long-term competitiveness. Huawei will, for example, increase investment in areas like core digital power technologies.

Ping noted that cutting costs won't pave the way to sustainable survival. Attracting outstanding global talent – Huawei aims to attract top talent from around the world and grow its teams in key domains like software, algorithms, and computing power. The new year letter notes that Huawei will also encourage ambitious employees to dig deep into science and dive headfirst into uncertain domains. Huawei will in turn encourage top performers to go out to the field and solve specific technical and business issues.

## EFG Hermes Closes Sixth Issuance for Premium International for Credit Services in an EGP 170 Million Securitization Transaction

By : Wael ElHoseiny - Mohamed Elkoly

EFG Hermes' investment banking division, the leading investment banking franchise in Frontier Emerging Markets (FEM), announced today that it has successfully closed the sixth issuance, worth EGP 170 million, as part of Premium International for Credit Services' (Premium) EGP 2 billion securitization program. This transaction marks the first issuance this year, following two transactions last year, as part of the two-year program.

Premium is the originator assigning a portfolio to EFG Hermes, the securitization special purpose vehicle (SPV), backed by Premium's customer credit portfolios. The EGP 170 million bond, which consists of a single 10-month tranche, received a "Prime

I Rating" for its last five issuances, the strongest amongst Egyptian bond issuances as quoted by Middle East Ratings and Investor Services (MERIS). Mostafa Gad, Co-Head of Investment Banking at EFG Hermes, commented: "Our partnership with Premium is a reflection of the continued growth of the Egyptian debt capital market space, with the sixth transaction in the program highlighting an increasing utilization of the asset class. The success of this issuance is a testament to our team's commitment to broadening our capacity for value creation, and expanding our offering to bring together a holistic set of services that incite growth for our partners and clients alike."

The deal follows the Firm's back-to-back conclusions of a securitized bond offering worth EGP 627.5 million for Pioneers Properties for Urban Development and EGP 790 million for EFG Hermes Corp-Solutions' first issuance, both in December 2021. Both transactions come on the heels of the Firm's successful advisory on VALU's first securitized bond offering, worth EGP 322.5 million, in September 2021.

EFG Hermes acted as the sole financial advisor, sole transaction manager & book-runner, underwriter, and arranger.



## SAUDI RAILWAY & UBER LAUNCH NEW SERVICE TO IMPROVE RAIL TRAVEL

By : Basel Khaled - Mohamed Elkoly

In an effort to expand the scope of public transportation and enhance the travel experience of passengers of Saudi Railway Company (SAR), the state-owned company has partnered with Uber to launch a new service that facilitates transport from SAR stops to final destinations. Leveraging the partnership will provide Saudi railway riders with an integrated system that saves time and effort. The two-year agreement will see the service introduced initially at stations in Riyadh on the North Train Line and Qassim for the Eastern Train that covers Hofuf and Damman. The service will be rolled out to numerous other stations across the kingdom including in Al Majmaah, Hail, Al Jawf, Quryat and Abqaiq.

Passengers will be able to book a ride through the Uber app to their final destination before arriving at the station, making for a quicker and more comfortable arrival. Three sites will be dedicated for passengers using Uber at the stations' arrival area, equipped with a guidance system for arriving passengers. The SAR is hoping that this new service will encourage more people to ride public transportation across the Kingdom.

Founded in 2006, SAR is concerned with operating and managing the passenger and freight rail network that connects the north with the eastern and central regions and is always looking for ways to enhance its offerings.



Senior VP of Passenger Transport Engineer Khaled Al Harbi said this new service will attract more citizens to use rail travel. "It is an important addition to the entire travel experience using our trains, which enables clients to reach their final destinations both quickly and flexibly. This agreement will soon be followed by further steps, with the aim of enhancing the travel experience of SAR's passengers, making it even more comfortable, easier and safer to travel through its various facilities."

As the Arab world's largest economy, Saudi Arabia is vying to maintain its hegemonic power over the region's economy and has its eye on becoming the world's primary logistics hub. To stay on top, the Kingdom is making great strides towards diversifying its economy away from oil and investing heavily in rail, air and road transport.



## Saudi Fund for Development Allocates EGP 300M to Finance SMEs in Sinai

By : Mohamed Elkoly - Nahla Ahmed

The Saudi Grant Management Committee at the Saudi Fund for Development (SFD) has signed three agreements worth EGP 300 million to finance small, medium and micro-enterprises working towards the sweeping development of Egypt's Sinai Peninsula. The agreements have divided the total sum into three, with EGP 100 million channeled through the Industrial Development Bank, EGP 100 million through Banque du Caire, and EGP 100 million through Enmas Finance Company.

The deals were signed during meetings in Cairo between SFD and the Egyptian Ministry of International Cooperation held during December 28th to 30th. No details have been announced yet on the particular sectors or projects that each of the three sectioned funds will target.



## EGYPT'S MINT INCUBATOR BY OPENS APPLICATION FOR SPRING 2022 CYCLE

By : Nahla Makled - Basel Khaled

Over the course of eight cycles, MINT Incubator by EG-BANK has empowered 82 Egyptian startups, providing them with the knowledge and connections they need to flourish. Now they're giving more local startups the opportunity to join their ranks by opening applications for their Spring '22 cycle, which are available until January 31st. In partnership with the Cairo Angels, one of the leading startup investment groups in the Middle East and Africa, MINT Incubator is designed to support startups who already have a product, not just an idea.

The intensive 3-month programme comes with no strings attached - which means no equity intake and zero debt on startups enrolled in the program.

By the end of the program, a select few will participate in a Demo Day, where they can demonstrate their growth and showcase their startups to potential investors.

To apply before the January 31st deadline, visit mint.egbank.com/Home/Incubator/Applynow.

## Aqarmap Adds the "Compounds Guide" Feature to Help Users Make Accurate and Comprehensive Comparisons Between All Compounds

By : Basel Khaled - Mohamed Elkoly

In conjunction with Aqarmap's launch of the new version of its website, to facilitate real estate buying and selling, and in line with its strategy aimed at providing an integrated package of innovative digital solutions, it has added the "Compounds Guide" feature that will facilitate the search for a compound, through a set of many different features, pictures, and videos that allows the user to compare accurately and comprehensively all the compounds available in the market to reach a decision based on the highest degree of confidence.

This feature provides all the information that will make users able to make their decision and choose the appropriate compound easily and accurately, as it provides the user with a complete history of each developer, its previous works and completed projects, an accurate description of the location of the compound, the most important landmarks, the advantages of the compound, the spaces of the available units, the payment systems, the schools, universities, hospitals, and malls around the area.

The feature also includes many distinctive characteristics, as it exclusively provides a wide real estate coverage for more than 1000 compounds in Cairo and many governorates such as Port Said, Mansoura, Assuit, and Minya, as well as working to provide all the prices levels such as economic, mid-range, and luxury. In addition to the payment methods whether it's cash or in installments, pictures and videos of the compound, and other divisions making the feature very efficient and organized.

For his part, Mr. Emad Al-Masoudi, Founder and CEO of Aqarmap, said: "We have added the Compounds Guide feature on our platform, which is a powerful feature that aims to facilitate and improve the process of searching for the compounds that match the user's needs".

He added: "By using this feature, the user searching for a compound can make accurate comparisons between the largest number of compounds based on several factors available on the website, including locations, property type and status, the price level, the finish type, the payment methods, and the name of the compound. In addition to the pictures and videos that will provide a live preview experience of the compound so that users can make their decisions without exerting any effort".

It should also be noted that this feature is available on Aqarmap's website and mobile application available for Android and iOS systems and this comes in line with the company's general vision to maintain its

## UAE'S NICE TO MEET YOU RAISES \$1M TO ENHANCE DIGITAL

By : Mohamed Shawky - Mohamed Halmy

Customizing MENA ecosystems' transition to the digital realm, a number of startups across the region have been whipping up innovative solutions to simplify and streamline operations for businesses. Working to eliminate organizational dependency on physical cards and documentation, UAE-based digital authentication startup Nice to Meet You (NTMY) has raised a USD one million seed round. The new round will allow the startup to hire new talent, improve its tech stack and enhance its user experience.



sales, operations and ecommerce to the table, helping develop a scalable and disruptive solution that will transform the niche authentication space.

Although the company initially kicked off as a digital business card exchange process, it has now reoriented its strategy, developing a more comprehensive set of authentication tools such as organizational IDs, access cards, membership cards and insurance cards. The mobile app will store and sync the directory of digital cards with real time authentication and updates with an all-in-one onboard-ing process.

Since its founding in 2018, NTMY has been leveraging cutting-edge technology to provide a fully-integrated authentication solution that minimizes physical contact and increases security. Founder Mohamed Baydoun brings his nearly two decades of experience in

the GCC now has its own development strategy, including KSA, so there's a need for skilled laborers to support these strategies. Saudi Arabia has the fastest execution plan. So it definitely makes sense to expand there." The MENA EdTech market is largely unexplored, despite forecasts that see its value rise to \$7 billion by 2027. Most investment deals happen at the early stage level. Scaling has proved to be one of the most difficult challenges in the region - one which Dawrat is rapidly overcoming. Yet there are more challenges they must address. "The lack of recognition and accreditation for online learning is the main challenge that we are facing in the region," Al Suraya explains. "Unlike in the US and Europe, where online learning became more recognised and known years ago, the governments here are not looking at online learning as a learning support mechanism rather than a product or professional education method." In spite of this cultural hurdle, the lessons of the pandemic in recent years have demonstrated a willingness by Middle Eastern nations to adapt to the digital realm. Startups like Dawrat are capitalizing on this cultural shift, giving themselves a solid foothold that may remain once the dust finally settles.

## KUWAIT-BASED DAWRAT EXPANDS EDTECH MARKETPLACE TO KSA

By : Wael ElHoseiny - Nahla Makled

Kuwait-based EdTech startup Dawrat will soon expand into Saudi Arabia, the culmination of months of effort following an undisclosed round raised in March 2021. Founded in 2011 by Mohammad Al Suraya and Yousef Bonasti, Dawrat capitalized on the increasing demand for a skilled workforce in the MENA region, offering more than 10,000 Arabic-language courses tailored to young people interested in entrepreneurship.

With their expansion into Saudi Arabia, they're set to make education more accessible throughout the region. "The mindset



of young people here in Kuwait and the rest of the region has changed. Most of them have been looking to tap into the startup industry and to start to create their own businesses, which requires a lot of skills to develop," Al Suraya, co-founder and CEO of Dawrat, says. "Every country



CFS 2022:

## Intel Achieves Major Milestones across Automotive , PCs and Graphics

By : Basel Khaled- Mohamed Elkholy

Today as part of the International Consumer Electronics Show, Intel demonstrated advancements and momentum with Mobileye, progress toward discrete graphics leadership and the launch of the newest members of the 12th Gen Intel® Core™ family. With these milestones, Intel furthers its commitment to enable the industry and its customers and partners to harness the technology superpowers – ubiquitous computing, cloud-to-edge infrastructure, pervasive connectivity and artificial intelligence – at the heart of the digital transformation.

During the Intel news conference, Gregory Bryant, executive vice president and general manager of the Client Computing Group, was joined by Lisa Pearce, vice president of the Visual Compute Group, and Prof. Amnon Shashua, Mobileye CEO, to share Intel's progress across multiple strategic businesses.

"The Intel execution engine is back. From advancing the PC to high-performance graphics to autonomous driving solutions, Intel and Mobileye are proud to create new ecosystems and opportunities across multiple industries," Bryant said. "Together with our partners and customers, we are driving new innovation across products, platforms and services, and delivering on our vision of enabling world-changing technology that improves the lives of every person on the planet."

Mobileye announced a new system-on-chip (SoC) that is purpose-built for autonomous vehicles (AVs). Built on Mobileye's industry-leading EyeQ® technology, EyeQ8 Ultra does the work of 10 EyeQ5 SoCs in a single package and was designed



to deliver the optimum power performance of a fully self-driving vehicle.

During the news conference, Shashua was joined by the CEOs from two of the world's largest automakers to announce expansions of their longstanding relationships with Mobileye. A recap of Volkswagen Group CEO Herbert Diess' recent car ride with Shashua in Munich was used to announce VW's application of Mobileye's advanced mapping technology in its driver-assistance features for the VW, Skoda and Seat brands. Shashua also welcomed Ford CEO Jim Farley to discuss the expanded relationship between Mobileye and Ford as they deliver ever-more advanced driver-assistance solutions via the Ford BlueCruise platform.

Mobileye also announced two firsts with Geely's Zeekr brand – a level 4 consumer AV expected to begin production in 2024 and the launch and shipment to customers of the industry's first fully capable level 2+ vehicle equipped with a 360-degree surround view sensing system and driving policy for the industry's most advanced longitudinal and lateral control in the mar-

ket today. Performance Hybrid Architecture Advances World's Fastest Mobile Processor

Intel announced the 12th Gen Intel Core H-series processors – setting the standard as the highest performance laptop processors on the planet. Built on the Intel 7 process node with Intel's first-ever performance hybrid design the H-series, led by the flagship Intel Core i9-12900HK, delivers up to 40% higher performance for unparalleled gaming experiences and up to 28% faster gameplay than the previous mobile gaming leader in the market, the i9-11980HK. Intel showcased more than 20 new devices powered by the 12th Gen Intel Core H-series, with more than 100 devices in total expected to launch with partners including Acer, ASUS, Dell, HP, Lenovo, MSI and Razer. In addition, Intel unveiled a new ultraportable mobile processor – the P-series product line – to bring enthusiast levels of performance to thin-and-light laptops.

Intel® Arc™ Graphics Set to Transform the Discrete Graphics Industry

Intel marked a new era in the discrete graphics market by announcing shipment of Intel Arc graphics to OEM customers. Intel Arc graphics is the brand for Intel's upcoming consumer high-performance graphics product, and delivers new choice to the industry, including many all-in-one discrete graphics platforms. With more than 50 new mobile and desktop customer designs announced with Intel Arc graphics, including with Acer, ASUS, Clevo, Dell, Gigabyte, Haier, HP, Lenovo, Samsung, MSI and NEC, it is an exciting time for gamers and creators around the world.

"Lenovo is committed to making smarter, immersive PC experiences for all. Work-

ing with Intel, we're bringing the new Intel Arc line of discrete graphics products to the market, starting with the latest Lenovo Yoga 7i. Intel's Arc discrete graphics work in harmony with their processors and will help Lenovo offer more choice in consumer devices, delivering exciting visuals for gamers, creators, and everyone," said Johnson Jia, Senior Vice President and General Manager of the Consumer Business Segment in Lenovo's Intelligent Devices Group.

Intel Arc graphics will offer industry-leading advanced features such as hardware-accelerated Ray Tracing, Xe Super Sampling (XeSS), AI-driven upscaling technology and Intel® Deep Link technology.

Intel announced iX partner momentum with its XeSS AI-driven upscaling technology, which is currently being integrated into many game titles across a range of publishers, including integration into Komodo Production's Death Stranding Director's Cut, which also includes core optimizations for 12th Gen Intel Core processors.

"We're delighted to announce our partnership with Intel for the Death Stranding Director's Cut edition on PC. Death Stranding has been a hugely popular game with PC players and we're excited to see how Intel's new XeSS technology will enhance player experiences for Director's Cut," said Neil Rally, president of 505 Games. Game studio adoption of XeSS continues to grow. Studios committed to supporting the technology include 505 Games, Codemasters, EXOR Studios, Fishlabs, Hashbase, IOI, Ilfonic, Kojima Productions, Massive Work Studio, PUBG Studios, Techland, Ubisoft and Wonder People.



By Damian Jaume,  
President, Dynabook Europe  
GmbH

### 2022 tech predictions: what to expect in a hybrid working world

Predicting the future is hard. Predicting the future in tech is even harder, and a completely imperfect exercise due to how rapidly things progress, challenges to innovation and the unpredictability of consumer trends. While only a small fraction of innovations truly disrupt the status quo, oftentimes this can be due to them being ahead of their time, or the market not yet existing. However, based on the current activity we see across enterprise and consumer behaviour, we can attempt to make some predictions on where technologies will head in the next year.

1. 2022 will be the year of critical mass for mobile edge computing and smart glasses.

According to IBM, 91% of businesses plan to implement edge computing strategies within the next five years. In industries such as manufacturing, this will increasingly become the norm as products such as assisted reality (AR) smart glasses, will be key to enabling field workers to work anywhere without having access to a Wi-Fi network. But putting AR to work is extremely complex. To realistically present an enhanced version of a user's surroundings, smart glasses have to comprehend multiple sets of data and react in real time – which is difficult if every step requires sending data off the device for processing. Remember that delays can be life threatening; consider the use of smart glasses in healthcare for example.

This is why edge computing is poised to grow: it enables smart devices to react to environments immediately and accurately, and in turn makes them more usable across a wide range of applications. Our own research found that 63% of organisations plan to deploy smart glasses within the next 24 months, and in 2022, we believe businesses will formalise their ideas to implement these technologies.

2. Securing a hybrid work environment will be essential

The pandemic has changed working environments forever, but hybrid working is not without its risks. Understandably, it has propelled businesses to regularly evaluate their security processes to protect their employee's data. One area where this will really gain attention is in device security.

Our research found that 81% of IT Decision Makers ranked security features as important when it comes to purchasing decisions around new devices – and this will continue to be the case for as long as workers are taking these devices home. Companies will need to provide staff with secure devices which include features such as two-factor authentication, Windows 11, and Trusted Platform Module to ensure that working from home is as secure as being in the office. In 2022, we will see businesses tighten security measures like these further, by introducing more mobile-secure client solutions too.

3. Edge AI will enhance customer experiences

Edge computing has already witnessed a significant interest since the introduction of 5G. A 2021 report by the Linux Foundation predicts that the global market capitalization of edge computing infrastructure will be worth more than \$800 billion by 2028. As the same time enterprises are also looking to invest in AI in at least some of their business functions. In 2022, this will be about more than just digital transformation – by fusing edge computing and AI applications such as remote assistance and assembly line monitoring will become increasingly accessible. And as consumers make more purchasing decisions online, Edge AI, through analytics, will come to the fore in understanding consumer trends, purchasing and decision patterns, by providing instant insights to enable real-time business decisions.

In the second half of 2022, we may even see some larger businesses piloting cameras optimised with Edge AI to identify consumers age groups and target personalised advertising to them. While this will undoubtedly be security issues to iron out with such applications, the growth of Edge AI doesn't look like it's about to slow anytime soon.

4. Drone delivery services will take off in logistics

The pandemic memorably put pressure on supply chains all over the world, and logistics companies needed technologies like automation and robotics, to help pick, pack and dispatch ever-increasing amounts of orders. Both of these technologies will continue to play a major role in this space as we go into 2022.

Drone delivery services were ahead of their time five years ago, which is a large part of the reason that Amazon's Prime Air planes are currently on the rocks. But recent predictions say the tide is about to change: the global warehouse robotics market size is expected to grow from USD 4.7 Billion in 2021 to USD 9.1 Billion by 2026. As this technology starts to find its feet, we expect to see more conversations around drone delivery services in the next 12 months.

5. 2022 will be the year of the recycled laptop

It wouldn't be a predictions piece without some mention of sustainability, and we think that 2022 will be the year of the recycled laptop. With device fleets being updated more frequently since March 2020, there is a growing concern about the damaging impact this could have on the environment, and businesses are being pressured to act.

According to E-Waste, 97% of global enterprises had to purchase new laptops to accommodate the shift to remote working during the pandemic. Next year, businesses will be looking to make smart and sustainable choices in a number of ways – especially if they want to meet the COP26 commitments. One of the 'easy wins' will be to start ethically disposing of old devices through initiatives such as reselling and recycling. We hope to see more companies adopt these initiatives, and as we progress through the decade, we are confident that businesses will find the best and most sustainable way to reduce their carbon footprint and make hybrid working work for everyone.



### Tesla's 2021 vehicle deliveries surge over 80%, projected to hit 1.5 million in 2022

By : Nahla Ahmed - Basel Khaled

Tesla's goal of pushing electric vehicles into the mainstream is gaining momentum with the company's steady growth in deliveries. As the EV manufacturer expands production, the number of delivered vehicles is also expected to hit record levels in 2022.

Data acquired by Finbold indicates that Tesla's 2021 deliveries stood at 936,172, growing 87.4% from 2020's figure of 499,550. In 2019, the company delivered 367,500 vehicles under different models.

Since the company began delivering electric vehicles in 2014, the highest annual growth was registered between 2017 and 2018 at 137.8% from 103,100 to 245,200.

In 2014, 2015 and 2016 Tesla's vehicle deliveries stood at 32,000, 50,000 and 76,200 respectively.

Based on the company's historical year-over-year percentage growth average between 2014 and 2021, Finbold estimates that in 2022 the vehicle shipments will for the first time surpass the one million to stand at 1,544,402, growing 64.9% from last year's figure. Additionally, the target will be influenced by operations at the new Texas and Berlin plants.

The report highlights the significance of Tesla's vehicle delivery numbers and their impact on the market. According to the research report:

"Overall, Tesla deliveries are one of the most closely watched metrics for the company. The metric usually underpins the company's financial results and highlights the market's demand for electric vehicles."

In general, Tesla continues to increase its annual vehicle deliveries despite the EV industry facing challenges around the global supply chain and logistics related to the coronavirus pandemic.

However, the company is known to design its chips in-house to beat the semiconductor shortage, an advantage it has over other competing automakers. At the same time, Tesla has also reprogrammed software to use less scarce chips.

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### FIFT Subsidiary Launches Cryptocurrency Market Data Platform FIFTX

By : Wael Elhoseny - Bakainam Khaled

Future FinTech Group Inc. (NASDAQ: FIFT) ("hereinafter referred to as "Future FinTech", "FIFT" or "the Company"), a leading blockchain-based e-commerce business and a fintech service provider, announced today that its subsidiary, FIFT Capital Investments LLC ("FIFT Capital") has launched FIFTX, an innovative global cryptocurrency market data platform that provides institutional and individual investors with real-time, high-quality and reliable cryptocurrency market data and aggregate trading information from a large number of cryptocurrency exchanges. The market data is available for Bitcoin, ETH, EOS, Litecoin, TRON, and other cryptocurrencies at <https://www.fiftx.com> and via the FIFTX App on iOS and Android devices.

FIFTX collects global currency and market data, directly linking hundreds of leading venues, markets, and exchanges around the globe and making the data available to users 24 hours a day. FIFTX's features include access to optimal market rates resulting from the aggregation of information from exchanges and liquidity pools around the world. The FIFTX platform provides users with a unique and user-friendly resource for their trading and investment strategies as well as macroeconomic and cryptocurrency sector news. FIFT Capital believes that FIFTX's real-time cryptocurrency market data can help users with their investment decisions by providing them with real-time aggregated global cryptocurrency market data as well as the potential to achieve better pricing and lower transaction costs. The FIFTX app is free to download on Google Play and the Apple Store.

Ola Lind, Director of FIFT Capital and FIFTX, stated,

"We believe that efficiency, security and reliable market

data are essential for cryptocurrency investors around the globe. With this in mind, we set out to provide an investor-oriented, results-driven platform that would allow investors to maximize their returns on their cryptocurrency investments. By offering robust, secure and real-time market information, we believe that FIFTX delivers a reliable global platform with aggregated real-time market information that gives participants a superior user experience."

Mr. Shanchuan Huang, Chief Executive Officer of Future FinTech, said, "The launch of the FIFTX cryptocurrency and market data platform is a landmark event in the history of the Company. We believe that FIFT Capital in Dubai will be a market leader in the market data and information services sector for cryptocurrency trading and investment as well as in the field of innovative financial services. Our goal continues to be one of the world's most active and influential digital currency and crypto asset trading and management services providers."

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Meanwhile, Crafty Workshop offers an arsenal of online technical and pedagogical workshops and courses catered to aspiring artisans and craftspeople through online courses and other forms of video content surrounding crafts, hobbies, and lifestyle topics.

The accelerator will see the three startups take on a 12-week programme that will look to tackle three main areas: growth, investment and startup culture.

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