



NEWS HIGHLIGHTS

Fiserv launches Authorization Lift to address transaction false declines

Paytm records 4x growth in payments made to merchants during lockdown

Indian cybersecurity services industry to grow up to \$7.6 bn in 2022: Report

UK Fintech PayQ uses sandboxes for Digital loans to Kiranas

Today's View

Biosensing

A biosensor is an analytical device used for the detection of a chemical substance that combines a biological component with a physicochemical detector. It is a small instrument for rapid and easy measurement of molecules in body fluids such as blood for diagnostic or monitoring purposes. This compact device acquires a measurable signal, which is obtained by a molecular detection device and a transducer. It incorporates a biological sensing element and picks up electrical signals generated by the interaction of a biological element and an analyte.

Demand for biosensors is increasing due to various applications of biosensors in the medical field, rising diabetic population, high demand for miniature diagnostic devices and rapid technological advancements.

The global biosensors market size was valued at USD 19.6 billion in 2019 and is expected to witness a CAGR of 7.9%.

Governmental initiatives aimed at the development of proteomics and genomics are expected to drive the global biosensor market. For instance, **National Information and Communication Technology, Australia (NICTA)** is expected to advance its research on data mining, networks and embedded systems to be used in this field.

Most of the IT companies are also significantly investing in this industry. Investments from major IT players such as IBM, Infosys and TCS are expected to boost the market for biosensors.

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India's online grocery market may clock \$3 billion sales in 2020

India's online grocery market could top \$3 billion in sales this year, a 76% increase over last year, as the spike in demand for home delivery of fresh produce and staples seen during the nationwide lockdown is expected to sustain through the rest of the year, analysts and industry executives said.

In the Basket			
ONLINE GROCERY BOOM IS DRIVING ECOMMERCE GROWTH IN 2020			
SEGMENT	2020*	2019*	YOY GROWTH
Overall Ecommerce	35.5	33.5	6%
Online Grocery	3	1.7	76%
*In \$B, Source: Forrester			
<ul style="list-style-type: none"> Order volumes in May to be 35% higher than April for BigBasket Daily GMV remains 80% higher for Grofers Amazon and Flipkart could cannibalise grocery sales in metros: Forrester 			

Source—The Economic Times

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22nd May 2020

Different types of biosensing technologies currently in use are **electrochemical, optical, piezoelectric and thermal**. Biosensors have become an essential tool for the healthcare companies and laboratories that are facing increasing demand for point of care testing devices and home diagnostics.

Nanomedical Diagnostics (San Diego, CA) offers a field-effect **NEMS (nanoelectromechanical systems) graphene biosensor (AGILR R100)** that provides realtime, label-free, kinetic binding and affinity data, enabling more cost-effective, streamlined drug development and discovery.

Rogue Valley Microdevices (RVM, Medford, OR), a MEMS foundry, designed the process to manufacture graphene biosensors. To enable production of these graphene biosensors, RVM optimized the resist to minimize graphene contamination, optimized oxide adhesion to the graphene and guarded against over- or under-etching.

The biosensors market in the Asia Pacific region is gaining major traction. The major factors driving the growth of this market are the growing use of biosensors to monitor glucose levels in individuals with diabetes and rising demand for disposable, cost-efficient & user-friendly devices.

Today's News

Fiserv launches Authorization Lift to address transaction false declines

Fiserv, a global provider of payments and FinTech solutions, has announced the launch of a unique offering designed to reduce the number of legitimate debit card transactions that are wrongly identified and declined as fraudulent, while effectively managing risk.

False declines are a serious problem for financial institutions and their cardholders. According to data revealed by the Aite Group report, the losses due to false declines is expected to grow to \$443B by 2021. It has also shown that as many as 62% of surveyed merchants reported their false decline rates have increased over the past 2 years.

Source – *Ibs Intelligence*

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Paytm records 4x growth in payments made to merchants during lockdown

Digital payments firm Paytm has recorded around four-fold jump in payments received by merchants in its new ledger service amid the coronavirus pandemic, a senior company official said on Thursday. The amount of payments received by merchants recorded in its e-ledger service Business Khata has crossed Rs 1,500 crore in about four months.

"We have seen four-time growth in payments received by merchants in Business Khata between January 8 and March 14, and March 15 to May 15," Paytm Vice President Sajal Bhatnagar told PTI. The company launched the free digital ledger service, Paytm Business Khata, for merchants on January 8; this allows the retailer to enter item details, price, and customer's phone number.

Source – *YourStory*

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IndusInd Bank savings account and credit card customers now have access to 'Video KYC'

IndusInd Bank announced that it has expanded the scope and capabilities of its video banking services, with the integration of a 'Video KYC' platform.

The video KYC services will simplify the on-boarding process for new customers seeking to open a savings account, or for those applying for a credit card from the bank. This video KYC at IndusInd bank offers a fully integrated, zero-contact, completely digital account opening facility as well as a process for booking fixed deposits in just a few steps.

Source – *Zee Business*

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Personal finance apps are now as popular as TikTok due to Covid-19. Well, almost

Internet-based personal finance startups have seen a spike in usage during the COVID-19 pandemic, as more users have flocked to save money, rebalance portfolios and explore safer investment options from home.

Wealth management startups including Groww, INDWealth and Zerodha, among others, have seen faster adoption and more engagement than before, as online services have gained from the pandemic which has put a stop to all offline activity and led to a lockdown.

Source – *Money Control*

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Indian cybersecurity services industry to grow up to \$7.6 bn in 2022: Report

The size of Indian cybersecurity services industry is expected to grow from \$4.3 billion in 2019-20 to \$7.6 billion in 2022. Around 80% of this revenue will come from global markets, says India Cybersecurity Services Landscape report by Data Security Council of India (DSCI).

The report was released by Ajay Sawhney, Secretary, Ministry of Electronics & IT (MEITY). "Cyber Security holds the key as 95% of the IT industry workforce had to work from home during this unprecedented time," he said in a statement. Cloud, Identity and Access Management, Big Data Analytics and Data Security have been getting most traction so far, but next generation of cybersecurity offerings will revolve around Blockchain, Quantum Cryptography and IoT, the reports finds.

Source – LiveMint

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All you need to know about investing in social impact startups

Investing from a social impact angle has a big myth attached to it from a long time. There is a misconception that the returns are sub-par when compared to other similar investments made. Historically, social impact investing has made multi bagger exits, defying the myth of lower returns. Social impact investing is unlike any other investment with an additional checkbox of social good carrying a decent weightage.

A section of the investment fraternity also believes that impact investing has taken a longer time to exit than other investments, but the same is not true. Studies have shown impact investments to exit at around five years, which is approximately the same as other startup investments. Impact Investing is also gaining ground across private and public investing, and crossed \$500 billion in 2019, the highest so far.

Source – YourStory

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A stress test awaits e-lending firms as bounce rate triples

Bounce rates at fintech lenders have nearly tripled in April, in an early indication of financial stress among consumers and small businesses. The trend is worrying at a time when job losses and disruptions to cash flow are likely to set off defaults, shrink demand for credit and sober valuations for most fintech players. It also comes amid concerns over capital raising due to the government's clampdown on venture capital from China and Mauritius. Bounce rates refer to loans not repaid on time.

It is a metric that gauges incipient stress in a loan portfolio. Bounce rates need not turn into defaults though. Customers who miss repayment deadlines can still pay within 90 days although with a penalty. The bounce rate does not include repayment deferment taken under moratorium. At Bajaj Finance, the bounce rate spiked to 35% in April from 12% in the March quarter, regulatory disclosures showed.

Source – The Economic Times

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UK Fintech PayQ uses sandboxes for Digital loans to Kiranas

The coronavirus pandemic might help to achieve India's stated goals of creating a less-cash economy and enhancing financial inclusion. Shoppers at even neighborhood stores now want contactless digital payments and that demand dovetails with what lenders want in lieu of working capital loans - digital invoices and online transaction records.

The multi currency, multinational payment processor PayQ, which is now active in India in a sandbox environment along with other leading UPI player have started to tap into the new customer trend who relies deeply on smartphone access for online payments.

Source – Forbes

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Only digital adoption can help firms thrive: SAP's Deb Deep Sengupta

Businesses should adopt digital technology faster as that is the only way to adjust to the new normal, a top SAP executive said.

"In a way, digital technologies would be very important for most industries to not just survive, but to thrive," Deb Deep Sengupta, President and MD, SAP Indian Subcontinent, told ET in an interview. Sengupta added that he expects industries across the world to gradually ramp up and emerge out of the crisis unleashed by the Covid-19 pandemic.

Source – The Economic Times

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