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# Government of India

## Biometric Citizen Authentication System

### BUSINESS CHALLENGES

The government in India combatted \$3 billion per year in identification fraud loss centered around its Aadhaar programs, including the coveted Public Distribution System (PDS) that issues food grains, fertilizer, pension payments, banking-related disbursements and other essential subsidies to civilians. Not only were there numerous obstacles with the use of identification cards to access critical services (lost, stolen, misused), but the program was extremely hampered by not having the right technology in place to reach remote, rural locations where many low-income civilians reside across the country.

### BUSINESS SOLUTION

The Indian government selected VISIONTEK to provide nearly one million mobile POS identification devices to reach residents and verify identities to ensure the right commodities and benefits reach the right recipients. Working alongside long-time distribution partner Aqtronics, the team incorporated a crown jewel in the VISIONTEK GL-11 Mobile POS Terminal with the HID Global TouchChip® TCET fingerprint reader. This best-in-class biometric sensor reliably works across a range of outdoor circumstances such as dust, sunlight, heat and moisture to accurately read fingerprints and authenticate individuals regardless of dirt, sweat, dryness, and other physical conditions.

### BUSINESS IMPACT

Millions of India's citizens have their trusted identities confirmed within seconds each day as part of this initiative that's now the world's largest biometric authentication system. Reduction in fraud saves the government of India \$3 billion annually, and the project assures critical provisions are dispersed properly across the country with 99.9% accuracy. Up front, the effort appears to be as easy as placing a finger on a handheld terminal. But behind the scenes, a series of strong business relationships and stellar technology fuel an extremely complex process to confirm true identities, reduce fraud, support government distributions, and reach/serve the people of India.



### HOW HID GLOBAL DELIVERED VALUE

- Highly accurate biometric authentication solution
- Compact, advanced silicon reader built for rugged conditions and frequent use
- Ability to read fingerprints amid outdoor/weather circumstances and skin conditions
- Secure encryption capabilities to support government/sensitive projects
- Proven, reliable technology partner

### NOTABLE RESULTS

- 99.9% accuracy delivering assigned government subsidies to citizens
- \$3 billion saved annually in fraud loss
- 80% of the Aadhaar Public Distribution System relies on HID biometric technology

### CUSTOMER SUCCESS STORY



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# From the Editor

Tarun Taunk | Editor-in-Chief

## Data Privacy: The situation in India

Recently, a lot of significant changes have taken place with regard to data privacy and protection of the users.

Protecting your data is as important as not putting your information in a vulnerable state. A lot of data leaks have happened since the past year including big companies like Dominoes, Big Basket, LinkedIn and many more.

The concerning factor now is that what kind of platforms to use to protect your data and maintain your privacy in any sort. No platform guarantees you 100% protection of the data that you provide and along with agreeing to the terms and conditions of the usage of any application may or may not include another concerning factor with regards to your data as some may use your information to trade with any 3rd party companies for monetary value, or can analyze your data to predict a pattern of usage of the user, which generally happens now.

The best example would be advertisements, if you allow Google to track your browser usage, and if you visit any e-commerce website, then the same kind of ads will be displayed whenever you surf later or you surf on your social media.

The situation in India is concerning as India did present a new Privacy Policy in 2021, and that policy could be a trouble for the social media platforms like WhatsApp, Facebook, Instagram and Twitter.

Taking a case of WhatsApp, the Govt of India wants WhatsApp to appoint a Nodal and Grievance Officer, and later on they want information of the data like the location of the sender and who initiated the conversation.

This is concerning for WhatsApp as they would have to break their end-to-end encryption feature to enable the requirement for the specific policy needs.

If WhatsApp has to find the sender of a message, end-to-end needs to be turned off or reworked hugely.

WhatsApp has filed a case in New Delhi over the same reason for the app usage and IT Rules. They say these rules are a violation of privacy rights in India's constitution.

If social media companies do not comply with the new IT Rules 2021, it has been clearly stated that the legal immunity protecting them from content shared on their platforms, will be withdrawn. That does not surely mean they'll get banned. The new Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules 2021, also known as the new IT Rules 2021, are now in effect.

But a decision will soon be made for the usage of Social Media Apps in India, as India is a huge audience for the companies.

A handwritten signature in black ink, appearing to be 'Tarun Taunk', located at the bottom right of the page.

## 5G Trials in India to Start Soon

**The Wait For 5G In India Could Be Over This Year, Trials To Start Soon**

The efforts for ultra-fast seamless 5G services in India could bear fruit this year. Out of 16 applications, the telecommunication ministry has approved 13 applications for 5G trials in India. However, Chinese companies Huawei and ZTE have not been permitted to carry on 5G trials in the country. Last year, the US requested the Indian government to keep the Chinese companies out of trials.



For a long time, Chinese companies have been allegedly accused of working on the behest of the communist government. ZTE and Huawei are amongst the most influential manufacturers of 5G equipment in the world.

An official said that an airwave of 700 MHz bands will be allotted for the 5G trials with strict terms and conditions. The prime focus must be given

to the security, urban and rural areas. The commercial use of the Airwave will not be permitted for the trial period. Serious measures will be taken against any company failing to adhere to the terms and conditions.

Although the 5G service is yet to make its way in India, it has been started in over 68 countries worldwide. South Korea, China, and United States were the first countries to launch 5G services. Many smaller countries like New Zealand, Sri Lanka, Oman, etc are also amongst the countries with operational 5G services.

## Can 5G Testing Cause Health Hazards Including Spread Of Corona?

With the launch of 5G services, users will get 15X internet speed. The 5th generation Mobile Network could be used to connect machines, devices, medical devices, and objects virtually for improved performance. 5G comes with a promise of better speed, better connectivity, reliability, and lower latency.

5G will work as a stimulator for the economic growth of the country.

A lot of rumors about health hazards caused by 5G testing are making rounds creating panic amongst the already stressed public. But experts believe that the radiation will not cause any damage as it works on non-ionizing radiation. On the worst, its prolonged usage may cause heating of the mobile devices. Apart from it, no significant health hazard has been reported. The radiation is also used for television, wireless, FM radio, etc.

On the other hand, radiations from X-rays and CT Scans cause more damage.



## Dell EMC PowerProtect Backup Service now available in India

Dell Technologies introduces Dell PowerProtect Backup service in India and expanded services for Google Cloud and AWS customers. The Dell EMC PowerProtect Backup Service offers cloud-based data protection designed to deliver SaaS applications including M365 and Salesforce without increasing IT complexity. PowerProtect Backup Service can also protect data on endpoint devices, such as desktops and laptops. In addition to ensuring data is recoverable, the service provides eDiscovery, data security, and compliance capabilities.

“The current times have altered the approach of Indian businesses not only towards digital transformation but also towards data protection. With the rapid adoption of remote work culture and new-age technologies, the external threat environment has also grown exponentially, which has resulted in increased incidents of cyber-attacks. Therefore, businesses have realized that in order to maintain their business continuity and to deliver innovative solutions they need to safeguard their data capital and hence deploy better data protection strategies”, said Mr. Ripu Bajwa, Director & General Manager, Data Protection Solutions, Dell Technol-



ogies, India. “Data protection is not a one-size fits all proposition and Dell Technologies understands that. Thus, to better enable our customers and help them in protect, manage and recover their data from traditional and modern applications across core data centers, edge locations and public clouds, we have introduced Dell EMC PowerProtect Backup Service in India. The new Dell EMC PowerProtect Backup Service will further allow businesses to manage explosive data growth.

## World Has Irrevocably Entered The Digital Data Era, Says Anuj Vaid, Executive Director CMS IT Services In An Exclusive Interview



Anuj Vaid (Director, CMS IT Services)

In the exclusive interaction, Mr. Anuj discussed topics related to AI, ML, Cloud Computing, and the coming up projects by the CMS IT Services.

**Prateek:** Tell us more about i3C Integrated Cybersecurity Command Center.

**Anuj Vaid:** The i3C integrated cybersecurity command center is the epicenter of modern-day cybersecurity technology delivery services. Starting with Managed Security services, it is built and architected to cater to futuristic platforms like Security-at-the-edge, Managed device mobility, Defensible cybersecurity, Cyber-forensics, Blockchain-based security ledgers, and Cyber-forensics using Machine Learning.

It will also become the hub for Quantum Key Distribution-led new-age Security services

**Prateek:** The pandemic has changed the business dynamics all

over the world. How has CMS dealt with the change?

**Anuj Vaid:** There are 2 parts to this issue. One is how we have addressed the issues at hand internally and two, how we are trying to address the issues out of the emerging situation.

One, with the onset of the pandemic, we advised all our employees and colleague to work from home and strictly follow covid-responsible social behavior. Given that we preach Cloud computing, all our internal systems are available on the cloud and hence it was easy for our people to start working from their respective home locations.

## Retailers Who Embrace And Invest In The Right Technologies Like RFID Will Be Positioned To Meet Shopper Expectations For Safety, Efficiency, And Convenience

Around 95% of the total toll collection of the National Highways Authority of India (NHAI) is through Fastag powered by RFID Technology, says Mr. Subramaniam.

Here is an excerpt from the interview with the industry leader.

**Prateek:** What are the benefits of RFID in healthcare? How could the technology be used for increasing efficiency and decreasing the result time?

**Subramaniam Thiruppathi:** Usage of RFID technology helps healthcare frontline workers locate medical equipment in the need of the hour, especially during emergencies. Hospital IT teams help to track misplaced Assets and ensure optimal usage.

Patient tracking using RFID tags affixed to the patients helps in real-time loca-

tion systems (RTLS) to verify patients' locations. This can be quite useful especially during a crisis or pandemic whereby the hospital is in a chaotic situation and is packed with both In and Out-Patients at the same time.

There are numerous use cases of RFID in healthcare. In fact, every step of the patient journey can be captured with RFID, which helps clinicians provide optimal care and safety to their patients. The deployment of RFID based technologies in a healthcare infrastructure helps to:

**Reduce time to treatment:** The analysis of treatment and location data to optimize workflows will ensure that patients with critical heart or stroke risks can get treated as quickly as possible.

**Improve patient monitoring:** Zebra's



Subramaniam Thiruppathi, Zebra Technologies

solutions can help to track cognitively and physically impaired patients, allowing staff to monitor patient location continuously to prevent falls and injuries.

**Secure mother-infant tracking:** Patient tracking and infant security systems ensure proper mother-to-infant matching, providing optimal safety and security for the newborn.

## Government And Private Organizations Should Work Together To Create Reforms And Policies To Tackle Cybersecurity Issues Better

Team IT-Voice recently had an opportunity to interact with Mr. Sudhir Kothari Founder & CEO Embee. Embee has been enabling more than 2000 organizations to transform with technology in a digital, mobile-first, data-driven world.

**Prateek:** 34 years and counting, tell us more about the journey of Embee.

**Sudhir Kothari:** I distinctly remember my childhood inspiration to start and lead an organization. My eye on the future led me to technology. I had no technical background, but from day 1, I approached the business as a learner. It has been more than 3 decades since I founded Embee. When I founded Embee in 1986, there were no smartphones. We used to prepare proposals on typewriters. We started with selling

global licenses of Microsoft and Lotus, then moved onto SI based, and in 2010, we became a global strategic partner of Microsoft.

As the organization grew, I developed the vision of Embee as the technology partner for its customers. Hiring the right employees and setting the right processes were some of the key significant challenges faced by me as a businessman. It can be solved by being exclusive in terms of ultra-specific advertisements which assist in pre-qualifying candidates. The employee hunt needs to be approached in the same manner as that of a customer-centric marketing campaign.

**Prateek:** How the pandemic situation affected Embee? What was the key strategy of the company to overcome its impact?



**Sudhir Kothari Founder & CEO Embee**

**Sudhir Kothari:** Covid 19 had a huge impact on our business. Working from a home became a new normal with sudden cultural & behavioral changes that everyone needs to adopt, accommodate & move on whether customer or vendor, buyer, or seller.

[Read the full interview on itvoice.in](https://www.itvoice.in)

## Our Prime Focus Is To Use Advanced Algorithms, Artificial Intelligence & Machine Learning Tools For Personalized & Adaptive Learning



**Seetha Prasad**  
(Founder and CEO of TriByte Technologies)

“The onset of the pandemic in 2020 did bring a paradigm change to the Schools & colleges and helped in the stimulation of unprecedented innovation within the education sector”, says Mr. Seetha Prasad (Founder and CEO of TriByte Technologies) in an exclusive interview with IT-Voice Media. Here is the

full interview with the industry expert.

**Prateek:** Tell us about the journey of TriByte Technologies from 2010 till now.

**Seetha Prasad:** TriByte Technologies is a Bangalore headquartered technology company providing an Interactive and Personalized eLearning Platform through its Learning Management System (LMS) targeted at Educational Institutes, Corporates, and EdTech companies. The company has successfully completed its 10th anniversary. TriByte and its products are deployed across 25 countries, available in multiple languages

(English, Hindi, Tamil, Kannada, Arabic, Spanish, Bahasa, etc.), and has over 2 million users on the platform who experience the learning on Windows, Android, IOS and Linux.

Our mission is to enhance engagement and outcomes by making learning fun and interesting through interactive learning, gamification, peer learning as well as AI-based adaptive & personalized learning, while providing the same learning user experience, online-offline, across devices, and on all types of learning material.



Saravana Kumar, Founder, and CEO of Kovai.co

We discussed the future of knowledge base platforms like Document360 in the education sector and many other topics. Here is an excerpt from the exclusive interview:

**Prateek:** How Document360 could be integrated into the education sector?

## Expect Improvement In Organic Traffic With The SEO & Searchability Features Of Document360

**Saravana Kumar:** The effectiveness of an online Knowledge Base is well-known in the business world. However, within the education space, the advantages of a Knowledge Base are less known. A Knowledge Base is a versatile software that can be used for a variety of applications. Especially considering the current environment where COVID-19 is impacting all our lives, education is increasingly moving online.

An education Knowledge Base has several advantages. One, students can access learning content anytime, anywhere, if they have an internet connection. This better facilitates learning at home.

Knowledge Base content can be easily updated, so when you have new learning materials to upload you simply create a new page in the Content Management System (CMS). Older content can quickly be edited to bring it up to speed.

A Knowledge Base can drastically reduce the turnaround time when a student needs guidance from teachers since everything is already available online. Teachers have more time to devote to other tasks or help those students who might be struggling.

## WebXpress Plans To Reduce Carbon Footprints With Its New Cutting Edge Technology

Team IT-Voice recently had an opportunity to interact with Mr. Apurva Mankad, Founder & CEO of WebXpress. Founded in 2004, WebXpress is an integrated transportation and logistics management software provider that has the vision to leapfrog emerging market logistics with cutting-edge technology. Here is a brief part of the interaction.

**Prateek:** Tell us about the journey of WebXpress so far.

**Apurva Mankad:** I started WebXpress in 2004. I was deeply passionate about the internet economy and had worked on various projects till then. I wanted to bring the latest technologies to the highly unorganized but crucial sector of logistics. We at WebXpress built our Transportation Management solution combining customer needs with technology. WebXpress has always been at

the forefront of emerging technologies. Be it launching of a Mobile App back in 2009 or using a Smartphone and GPS integration in 2011. With the advent of the Cloud, we transformed WebXpress into a SaaS-based solution that covers everything from transportation solutions to e-commerce to Express to Hyperlocal or Full Truck movement. We process over 3.5 million transactions and analyze over 100 mn IoT signals every month.

**Prateek:** How has technology changed the dynamics of transportation and logistics in India?

**Apurva Mankad:** For decades, the Indian logistics industry used bare minimum technology mainly for billing and accounts. But since the arrival of e-commerce, the adoption of technology has spread from larger players to mid-sized and even smaller players.



Apurva Mankad, Founder & CEO of WebXpress

The logistics and 'Logtech' start-ups have received over USD 5 bn investment in the last 5-6 years. With a slew of start-ups offering tech-driven innovative solutions, traditional players had to upgrade their game to catch up or to stay ahead of the curve.

Today in 2021, it will be difficult to win business from marquee customers without showcasing cutting-edge technological capabilities.

## Measurement Data for Network Connectors from the Cloud

**R**&M, the globally active developer and provider of cabling systems for high-end, high-performance, high quality and high value network infrastructures based in Wetzikon, Switzerland, is digitizing the product data of optical network connectors and assemblies. This saves technicians and installers a lot of work when documenting the cabling of buildings, data centers and broadband networks. To date, project managers have primarily documented the measurement data and specifications of connectors, assemblies and network products manually. Mea-

surement protocols with transmission and attenuation values of each individual connector are printed out and filed to properly document a cabling project. Now the data can be processed digitally throughout. This is made possible by the R&M Measurement Data on Demand service. Installers and technicians now only need a smartphone to register all the connectors on the construction site. Each connector carries its own DataMatrix code, which the smartphone scans. The code contains a link to the R&M measurement database in the cloud. The measured values of the individual connectors can be accessed immediately, processed digitally and copied into the project docu-

mentation. R&M creates the 'personality profile' of the connectors in a standardized format. "The measurement data service marks the start of the next phase of digitalization," explains R&M CMO Andreas Rüsseler. "We are using digitalization in all aspects of cabling and network technology to modernize project management for all partners. A smartphone, an app and our cloud service replace piles of paper. It is no longer necessary to spend days working on tables with measurement protocols," he continues.



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## McAfee to Stop Targeted Ads

McAfee Breaks Through XDR Market With SASE-Enriched Threat Protection To Proactively Stop Targeted Attacks

**M**cAfee Corp. (Nasdaq: MCFE), the device to cloud cybersecurity company, today announced significant expansion of its MVISION Extended Detection and Response (XDR) solution by correlating the extensive telemetry of McAfee's endpoint security solution, Secure Access Service Edge (SASE) solution, and threat intelligence solution powered by MVISION Insights.

These integrations protect organizations against the most advanced threats while simplifying security operations with unified control and visibility from device to cloud.

This timing is pivotal, as security operation centers (SOC) are dealing with increasingly sophisticated threat actors targeting remote employees and cloud services using more evasive techniques across expanding digital attack surfaces – making adversaries harder to spot with traditional security controls. A recent survey of IT security professionals by The Enterprise Strategy Group found that the

cloud poses the biggest gap for most organizations' threat detection and response capabilities. Unsurprisingly, according to Ernst & Young, about six in 10 companies have faced a material or significant incident in the past twelve months, however, only 26 percent of companies say their SOC identified their most significant breach.

McAfee MVISION XDR is the first proactive, data-aware, and open XDR platform designed to help organizations stop these sophisticated, multi-vector attacks with unified threat detection and response that connects and

fuses disparate endpoint, network, and cloud data sources. Starting today, XDR incidents are enriched with actionable threat insights from McAfee's SASE solution, which detects cloud threats that occur within web and SaaS environments. It improves situational awareness, drives better and faster decisions, and elevates the SOC to a new level of efficiency and effectiveness. MVISION XDR capabilities includes a lot of features.



## CLUBHOUSE FINALLY ARRIVES IN THE ANDROIDS TOO

After more than a year of exclusivity on iOS devices, clubhouse is now finally arriving on Androids too. It will be a beta version for now, but then you can pre register on play store app.

“Our plan over the next few weeks is to collect feedback from the community, fix any issues we see and work to add a few final features like payments and

## NEW WINDOW REFRESH CONFIRMED BY SATYA NADELLA

On the opening day of the Microsoft Build 2021, CEO Satya Nadella confirmed that the “next-generation” of its Windows will be unveiled “very soon”. Nadella said “one of the most significant updates of Windows of the past decade.”

“Soon we will share one of the most significant updates of Windows of the past decade to unlock greater economic opportunity for developers and creators,” Nadella said during his keynote speech at the virtual developer conference. “I’ve been self-hosting it over the past several months, and I’m incredibly excited about the next generation of Windows.”

“Our promise to you is this: We will create more opportunities for every Windows developer today and welcome every creator who is looking for the most innovative, new, open platform to build and distribute and monetize applications,” he added.



club creation before rolling it out more broadly,” Clubhouse said in a blog.

Clubhouse was valued a \$4 billion in the recent funding round. This very specific which was released only for iOS soon gained popularity attracting high profile people including ce-



Windows will likely include some major changes to the windows store, and they will let the third-party developers and companies to provide their applications in store.

Well in some tweaks and leaks, there are some noticeable UI changes as well, rounded edges, lot of new icons, and many more.

Everyone has been waiting for a windows update since quite a while now, and now that they announced its confirmation, everyone will be waiting to see the changes and and some new improvements for their own productive usage.

And how well that new update or the refresh is going to fit in the market with other competitors.

lebrities, entrepreneurs, investors and politicians.

The interface of the Android is almost same as compared to its iOS counterpart. User’s outside US can still pre-register for the Clubhouse, and will follow the same invite-based functionality so as to get registered into the app, or else waiting the app to arrive in the respective region.

Android Users would be more than happy to jump in to Clubhouse app and attend all the important and knowledgeable sessions.

## CRON AI, ADAPTIVE EDGE PLATFORM COMPANY, RAISES \$4M TO REDEFINE 3D PERCEPTION

Cron AI, a leading DeepTech company building a 3D Data Edge perception platform, has raised \$4 million as part of its Series A funding. The round was led by VenturEast and Kitaki Ventures, along with participation from existing investor, YourNest Venture Capital.

Cron AI’s senseEDGE™ technology addresses the acceleration requirements of 3D sensing, perception, and processing at the sensing edge. With this funding, Cron AI will be able to accelerate the delivery of senseEDGE™ into new markets to power the core of autonomous systems and automated machines to shape the future.

**CRON AI**

## APPLE'S SALES SKYROCKETS DESPITE THE PANDEMIC

Well, Apple has reported their quarterly earnings, and they are really earnings the big bucks time to time. "Revenue up 54 percent to new March quarter record and Services and Mac revenue reach new all-time high."

The new Apple iPhone 12 series are really performing well in terms of sales, and same for the new M1 Macs too. The performance that they offer was a huge upgrade from the previous generation devices.

"This quarter reflects both the enduring ways our products have helped our users meet this moment in their own lives, as well as the optimism consumers seem to feel about better days ahead for all of us," said Tim Cook, Apple's CEO.

Due to the ongoing pandemic, people are definitely in need of devices, and if their budget allows then why not Apple, it's one of the best one out there for the usage and productivity.

This Q2 earnings are right after the time, the first Quarter and end of 2020 when they hit the \$100 billion mark for the first time in the history.

And this time they've hit around \$89.5 billion in sales, with \$1.41 earnings per share.



Just last week, Apple wrapped with their Spring Loaded event, with couple of new announcements, starting from a new colour in iPhone, to their long-awaited AirTags, updated iPad Pro now with the M1 Chip inside, a whole new redesigned M1 iMacs and Apple TV 4K streaming device.

## GOOGLE I/O 2021 EVENT WRAP UP



Google just finished their keynote a night ago, and there were a lot of new announcements, from improving the google workspace to the new Android 12 looks and features, and even about LaMDA, and AI Assistant that had a conversation as if it was the planet Pluto.

They announced a smart canvas initiative for their workspace that would eventually enhance the workflow and have feature like starting a google meet video call right from the



slide, doc or sheets.

Here's is an example of LaMDA AI technology have a conversation as if it was a paper plane. Sundar Pichai showcased this pre-recorded conversations, and capabilities of what an AI tech like LaMDA could achieve.

And now let's talk about Android 12, a whole new redesigned interface with some extra features too, like adapting or changing to a certain theme even if you change just the wallpaper.

You can now fully disable Camera and Microphone Access for all the apps straight from the control centre. They call it the "Material You" design.

The interface will be applied to all of its products from webs to apps to desktops as well. Some new privacy



features have also arrived, a new privacy dashboard.

They will add some new integrations with the Google Chrome OS too, check your messages, photos right from your phone on Chrome OS.

Google showcased Project Starline, which uses higher resolution cameras and depth sensors to develop a real-time 3D model of a person who is across you to create the feeling of their presence right over there and having face-to-face meeting.

## Lifesight joins HERE Marketplace to offer global mobility data

**G** HERE Technologies, the leading location data, and technology platform, today announced that Lifesight, a customer intelligence company, has joined the HERE Marketplace, offering anonymous mobility data.

The data is sourced from hundreds of location-aware mobile apps using a software development kit (SDK) from Lifesight. The data is collected and processed in a privacy-compliant manner, with all users of these apps explicitly consenting to allow location data sharing for use cases

addressed by Lifesight. The company ingests, cleans, validates, and exports all location data signals to ensure only the highest quality data is made available for analysis.

The aggregated data gives rich insights into mobility patterns. As a result, it can be used to address use cases such as consumer insights, audience profiling and segmentation, retail site selection and optimization, competitive benchmarking, and urban mobility planning.

The HERE Marketplace simplifies how companies and organizations can explore, purchase, sell, and market a wide variety of location-centric data and assets. HERE's extensive ecosystem helps Lifesight to further expand its reach and to

address customers from industries and sectors such as automotive, transport & logistics, mobility, tourism, retail, and infrastructure planning.

"The massive change in consumer behaviour and of the business landscape in different parts of the world has made it very difficult for global enterprises to adapt to these and develop the right strategies."



Larsen & Toubro Group Company

**L**arsen & Toubro Infotech (BSE: 540005, NSE: LTI), a global technology consulting and digital solutions company, has launched ServiceNow based Operational Technology Management solution for the manufacturing industry. The solution aims to address the latent demand of the industry to have digital workflows for Operational Transformation (OT) Service Management.

The solution leverages LTI's tech and domain expertise along with digital workflow enabling capabilities of ServiceNow, to deliver a scalable and secure solution for manufacturing operations using the Now Platform. This will help man-

ufacturers embrace the concept of OT Management, in addition to IT Service Management (ITSM) practices. The solution also secures critical infrastructure from potential external threats and attacks, by helping ensure the foundational elements of OT cybersecurity.

With insights from this solution, manufacturers can derive business benefits such as assured systems availability and rapid resolution of issues through a common service data model for manufacturing operations. Key features of the solution include:

- OT Visibility: Enabling digital view of all OT assets along with location, configuration and health
- OT Service Management: Improved response time to OT service requests
- OT Security and Governance: Re-

## LTI (L&T Infotech) Launches Operational Technology Transformation Solution with ServiceNow

duction in risk and improved compliance

Nachiket Deshpande, Chief Operating Officer, LTI, said, "At LTI, we firmly believe there are exponential opportunities in the convergence of physical and digital worlds. This shift is accelerated by demands of the new economy that largely operates in a virtual mode, enabled by the cloud. We are confident that this pioneering solution developed in partnership with ServiceNow will transform operations management for manufacturers worldwide."

## Kaspersky Industrial CyberSecurity for Networks

**Automated learning, vulnerability management, and more in new software**

**K**aspersky has launched the new edition of its industrial network visibility and security platform, Kaspersky Industrial CyberSecurity for Networks. In addition to operational technology (OT) traffic monitoring, which reveals unauthorized activity, Kaspersky Industrial CyberSecurity for Networks now flags vulnerabilities in equipment and gives recommendations for their mitigation. Added

support for the BAC net protocol allows the product to effectively protect smart building systems. Automated learning mode for traffic monitoring, seamless protocol updates, and the new web console also simplify management and improve efficiency in fighting industrial threats.

Recent Kaspersky research has shown that 39% of industrial control systems (ICS) computers were subjected to cyberattacks in 2020. To ensure these attacks don't affect critical industrial processes, the protection should cover the entire heterogeneous OT environment, with diverse equipment and customized systems. It is also important to be aware of vulnerabilities in ICS

software, to prevent them from being used for advanced threats, to reduce the attack surface, and minimize possible consequences of a cybersecurity breach.

The accurate and comprehensive details, such as CVE-ID, criticality, exploitation conditions, possible consequences, and guidance for mitigation, are available in the product management console, so there is no need to inspect dedicated reports in multiple third-party sources that may not necessarily include all background information and practical recommendations.



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**P**ortronics, a prominent name in the portable and innovative consumer electronics market announces the launch of 'BEEM 200 Plus'- a Wi-Fi LED Projector. This Wi-Fi LED projector comes with multiple connectivity options, with an in-built VGA Port, USB Port, HDMI, SD Card slot. It also allows device mirroring, from both Android and iOS devices directly to the projector.

The unpredictable lockdown has made people spend so much time

at home enabling them to binge-watch movies, shows, and series on various OTT platforms, more than ever. However, the feel of theatres is always a missing part. As lockdown has been uplifted again due to the second wave of corvid-19, there comes a need for a projector to set up your own theatre at home. 'BEEM 200 Plus' is compatible with Laptops, PCs, Phones, Tablets, Xbox, PS3/PS4, or USB Cables, and most importantly it has a Wi-Fi feature that provides great wireless streaming and bingeing experience on OTT platforms, YouTube, and more.

The multimedia LED projector comes with a 30,000-hour Bulb life for endless hours of playing. Portronics's wireless projector prom-

## Portronics Launches 'BEEM 200 Plus'- a Wi-Fi LED Projector

ises a bright, vivid, and HD video quality with 4W in-built speakers for fantastic sound and a theater-like experience. Its extra-large display ensures a premium viewing experience at home for complete entertainment with family and friends.

Features of BEEM 200 Plus:

- Extra Lumen:
- Multiple Connectivity Options:
- Mirror Your Devices:
- Wide Compatibility:
- Long-lasting Bulb Life:

The 'BEEM 200 Plus' is available for just INR 19,999/- with 1 year warranty.

**M**ONTECH, an innovative PC components and peripherals brand is proud to release the AIR 100 ARGB and AIR 100 Lite, MONTECH's first compact Micro-ATX cases. A continuation of the AIR series DNA of exceptional cooling performance, MONTECH sets a new standard for Micro-ATX cases. Its dustproof and large front mesh panel, swivel-open tempered glass panel and hardware compatibility make it ideal for users looking for an elegant compact case for building a high-performance system. Quick-release magnetic front mesh panel



## MONTECH Rethinks High-Performance Micro-ATX With AIR 100 ARGB & Lite Cases

A large front panel with super fine mesh allows cool air to flow, ensuring the optimal heat dissipation of the components inside. With its magnetic quick-release mounting mechanism, removing the mesh panel for cleaning is easy.

Optimized Internal Layout

Pushing the limit of conventional Micro-ATX cases, the AIR 100 supports graphics cards up to 330mm (13") in length and PSU's up to 160mm in length. On the cooling end, the AIR 100 offers 161mm of CPU clearance and support for 240/280mm radiator at the front, or 240mm radiator on the top. In addition, pre-installed cable manage-

ment loops and straps behind the motherboard tray keep the case tidy Minimalistic and Functional Aesthetic

The AIR 100 features a toolless tempered glass panel, free of mounting holes for added structural strength, which can be swiveled open for ease of access to the internal components. Available in black and white, the white version includes a true all-white theme with matching components including fans and cable management straps..

RGB and No RGB

The white and black versions of the AIR 100 will come in ARGB and non-LED options. While the AIR 100 ARGB version comes with four 120mm ARGB fans, a fan controller, and a 1-to-4 LED splitter cable, the AIR 100 Lite is equipped with two non-LED 120mm silent fans for those looking to build a classic

## Neo Launches A Global Launchpad Program To Empower Blockchain

Neo, a leading community-driven blockchain platform, kicked off the Neo Frontier Launchpad program, a multi-phase global hackathon that aims to accelerate the future of blockchain by encouraging developers to join the Neo ecosystem in building the smart economy of tomorrow by accelerating N3's infrastructural development. Throughout the program, the Neo team and ecosystem will continuously engage and support participating developers in exploring and developing cutting-edge solutions with N3 RC2's optimized features and powerful capabilities.

As the newest and most powerful version of Neo's platform, N3 comes packed with a full array of powerful features such as decentralized storage, oracles, cross-chain functionality, and one block finality. Underscoring Neo's developer-centric approach, Neo Frontier Launchpad offers trailblazers the unique opportunity to join the Neo ecosystem while capitalizing on first-mover advantage. Through the Launchpad program, participating developers will be amongst the first to leverage N3's cutting edge capabilities while also engaging with the Neo team at every step to deliver next-gen solutions. A total of over USD100,000 in tokens will be awarded to winning projects while the three grand prize winners will gain automatic entry into N3's Ear-



ly Adoption program, which will provide teams with USD10 million in token support, technical aid, and advisory from Neo's business development team.

With the goal of empowering and supporting developers every step of the way, the Neo Frontier Launchpad will be open to all who meet the age of majority in their country of residence.

As blockchain adoption picks up speed around the world, the Neo Frontier Launchpad is set to accelerate innovation across not the Neo ecosystem, but also across the entire blockchain sector.

With accelerated digitization, frauds and online financial attacks in India are growing exponentially. Data from Experian's Global Insights Report (January/February 2021), shows that 46% of businesses in India have seen an increase in fraud.

With the advent of e-commerce, digital fraud has been a huge challenge for businesses. Despite the growing risk of fraud, 40% of Indian businesses indicate that they are placing more emphasis on revenue generation rather than fraud detection, which can lead to an increase in losses and a decline in customer confidence. Considering that 56% of consumers in India cite online privacy as a significant concern, it is imperative for businesses to take robust actions to safeguard themselves and their customers against potential digital risks.

## 46% of businesses in India have seen an increase in fraud during the pandemic

While 90% of businesses in India say they have implemented strategies related to recognizing their customers across their various platforms – the highest among all regions surveyed in the global report – only 18% of organizations surveyed in India are confident in preventing new types of fraud.

To counter the rising threat of fraud, Experian – the world's leading global information services company – has upgraded and enhanced one of its flagship products, CrossCore. The enhanced version of CrossCore cuts complexity, increases efficiency and helps businesses to quickly respond to today's emerging fraud threats.

Experian's CrossCore is the first identity and fraud platform that empowers businesses to connect, access, and orchestrate decisions across multiple solutions seamlessly. This new version features a cloud architecture, progressive risk assessments, faster response times, self-service workflows, and various reporting dashboards. These features allow businesses to manage checks required for every application and transaction, analyse key performance indicators in near real-time, and detect fraud quickly – without impacting the customer experience.



## Dell Hybrid Cloud: The Right Solutions Platform For Changing Work Dynamics

Gartner's recent forecast spoke about India's public cloud end-user spending to be a total of \$4.4Bn for this year. But is public cloud the right path to expand and develop one's business and operation? Tech experts believe that Hybrid Cloud has the bigger potential in helping drive the changing work dynamics. Cloud computing emerges as an essential technology with the need to access critical applications and infrastructure scalabili-

ty. Hybrid cloud architectures are gaining momentum, ensuring organizations have better security, data access, and visibility in the coming years and Dell is a major player backed by giant IT companies.

"Public cloud has various advantages which include cost-effectiveness, no maintenance, agility, flexibility without redundancy and more. On the downside, the lack of data security and privacy, one size fits all concepts, and loss of control has also led organizations to rethink investing in a public cloud. Organizations want a flexible option that would give them the benefits of a public cloud with security and

control similar to an on-premises infrastructure. Cost is also a major contributor to make a selection of hybrid over the public. Dell Technologies Cloud offers a solution – a suite of cloud solutions that use the expertise of Dell Technologies to deliver a consistent management experience across hybrid cloud infrastructure."



ThoughtSpot, the Modern Analytics Cloud company, today announced the launch of ThoughtSpot Everywhere. ThoughtSpot Everywhere is the first low-code embedded analytics platform that allows developers and product leaders to build interactive data apps and incorporate any service available in the Modern Analytics Cloud, including search and AI-driven analytics, directly into their apps, products, and services.

In conjunction with the launch of ThoughtSpot Everywhere, the company announced a new developer playground to allow developers to test and experiment with ThoughtSpot services. The company also announced it has entered into a definitive agreement to acquire Dityotta to supercharge innovation for the Modern Analytics Cloud.

Businesses today run on apps, and those apps run on data. Too often, however, the technical



complexity required to surface and explore that data for additional analysis prevents users from doing so. With ThoughtSpot Everywhere, product leaders and developers can easily build new data apps powered by the simplicity and ease of use of ThoughtSpot, or add ThoughtSpot services to their SaaS offerings. This gives them the unprecedented opportunity to create product experiences that stick, monetize data in new ways, and harness data right within existing tools.

End users will be able to go beyond the traditional, static dashboards offered by other embeddable analytics solutions. Instead, ThoughtSpot Everywhere empowers them to endlessly explore and interact with data through simple natural language searches. They can answer any question that arises without be-

## Enhancements for AI-driven Analytics

ThoughtSpot Everywhere Launches as Low-Code Platform to Build Interactive Data Apps with Search & AI-driven Analytics

ing limited by a predefined or pre-built report or dashboard. With AI capabilities, the system goes further, automatically monitors the underlying data to flag relevant changes, without users having to even ask a question.

ThoughtSpot Everywhere's low-code solution is open and accessible for product leaders and developers. Customers can spend less time building and maintaining analytics in their offerings, and more time iterating on features and capabilities that delight their users. All of this can be explored in the new developer playground, which offers a step-by-step guide to leveraging ThoughtSpot Everywhere.

IT Voice provides range of services in advertisement era,  
Targeting the right set of users for providing better outreach this Diwali.



## Sustainable IT leads to significant benefits but is currently still not a focus for most organizations

According to a new report from the Capgemini Research Institute, entitled “Sustainable IT: Why it’s time for a Green revolution for your organization’s IT”, the organizations which have built a comprehensive roadmap to accelerate sustainable IT[1] implementation have realized improved ESG scores (61%), seen improved customer satisfaction (56%) and witnessed tax savings (44%) as a direct result of sustainable IT practices. Yet, orga-

nizations are still largely unaware of how to implement sustainable IT practices and proactively address the environmental impact of enterprise-IT: only 6% of firms have achieved a high level of sustainable IT maturity.

While tech solutions can help solve environmental issues, IT as a whole has a carbon footprint itself. The new report has identified the areas of enterprise IT emissions that are growing most rapidly and lays out a three-stage roadmap for organizations to build and implement their sustainable IT strategies.

However, organizations are not yet viewing sustainable IT as a priority or a tool in their wider sustainability agenda and journey to reduce their carbon footprint: according to the report, only 22% plan to reduce more than one-quarter of their carbon footprint through sustainable IT in the next three years.



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- 12 DDR4 DIMMS, 768 GB, 2666 MHz.
- Upto 16x2.5" HDD/SDD; Max 120TB.

## ThinkSystem SR650

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- Upto 182TB with 2.5" configuration.

## ThinkSystem ST550

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