

Galaxy and Lenovo organised an exclusive event “Think Summit” powered by Intel on Friday, 10th May 2019 at The Orchid, Mumbai.

Galaxy and Lenovo conducted a joint IT Event, which was well received by 70+ Information Technology professionals companies across multiple industry verticals.

Mukesh Choithani from Galaxy initiated by briefing about Galaxy's Products and solutions. Shivasankar K from Lenovo shared very interesting content with the customers on how Lenovo Solutions are going to change the look, design, and cost structure of data centers. He delivered those key value that helped customer understand how they can fast-track their business transformation and differentiate their IT, leveraging the benefits of next generation cloud integration to reduce response time, expand data access, lower operating cost and more.

The evening ended with a Gala Dinner, Cocktails & Networking.

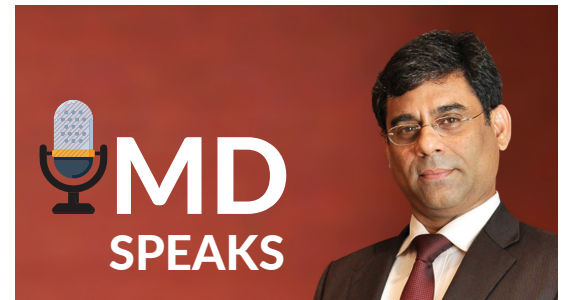


EMPOWER 2019: APJ Sales and Technical Conference

Galaxy's Sales and Technical team members attended “EMPOWER” VMware's Elite Technical and Sales Training Event for Partners which is an annual partner conference that delivers the same content to partners that was originally developed for VMware's very own internal sales and technical teams.

EMPOWER is focused on partner enablement, training, accreditations, certifications, strategies and sales tools for VMware partners in both technical and sales roles. EMPOWER 2019 APJ presented separate technical and sales events at a co-located venue in Singapore.

This “Empowered” us to get the OEM's global perspective across new technologies back to India for our customer's advantage. It familiarizes our team with latest products, technologies and global success stories in order to enhance our Center of Excellence.



Anoop Pai Dhungat | Chairman & MD

The elections are over, the votes are counted and India has a stable government again. This has led to cheer in the financial markets and hopefully this will extend to industry also. Of course, for this to happen, the government will have to get down to business without wasting any time. India, desperately, needs another round of economic reforms to kick-start the economy which has been sluggish for some time now.

This time around, the accuracy of the exit polls pleasantly surprised a lot of us. Most of them were directionally correct, with one of them being almost bang on. I hope that this was not just a flash in the pan but the result of using the proper technology and techniques to analyse and predict the winners.

On the global front, the USA - China trade wars continue and technology companies seem to be the first ones to suffer collateral damage. Huawei is already facing near ostracism from the US Allies and now Google banning them from early access to the latest Android versions, will affect their smart phone sales everywhere except in countries where Google is banned - China is the only one that comes to mind. The earlier the two giant economies come to some sort of agreement, the better for the whole world. Let's hope it happens soon.

I sign off praying for a good monsoon and wishing our team India success at the ongoing Cricket World Cup.

Happy Reading





Future Is Now

MORPHEUS – A New Unhackable Chip That Stops Attacks Before They Start

A new computer processor architecture developed at the University of Michigan could usher in a future where computers proactively defend against threats, rendering the current electronic security model of bugs and patches obsolete.

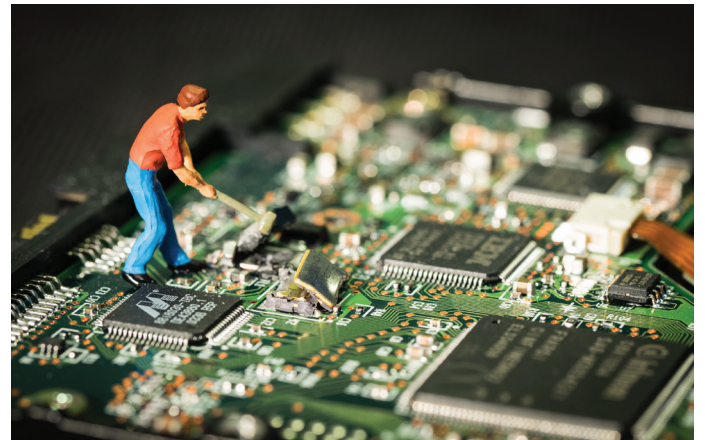
Called MORPHEUS, the chip blocks potential attacks by encrypting and randomly reshuffling key bits of its own code and data 20 times per second—indefinitely faster than a human hacker can work and thousands of times faster than even the fastest electronic hacking techniques.

“With MORPHEUS, even if a hacker finds a bug, the information needed to exploit it vanishes 50 milliseconds later. It’s perhaps the closest thing to a future-proof secure system.”

The technology could be used in a variety of applications, from laptops and PCs to Internet of Things devices, where simple and reliable security will be increasingly critical.

Austin said that instead of using software to patch known code vulnerabilities, MORPHEUS bakes security into its hardware. It makes vulnerabilities virtually impossible to pin down and exploit by constantly randomizing critical program assets in a process called “churn.”

“Imagine trying to solve a Rubik’s Cube that rearranges itself every time you blink,” Austin said. “That’s what hackers are up against with MORPHEUS. It makes the computer an unsolvable puzzle.”



<https://www.expresscomputer.in/data-center/morpheus-a-new-unhackable-chip-that-stops-attacks-before-they-start/35624/>

Ford Unveils Two-Legged Robot That Is the Future of Self-Driving Delivery

The robot called Digit can walk like a human in order to deliver packages to their intended destinations.

Ford unveiled in a Medium post the introduction of a two-legged delivery robot named Digit that could give Boston Dynamics a run for their money. The novel machine is engineered in partnership with Agility Robotics, and it is meant to carry your packages to your door.

Ford is teaming up with Agility Robotics to explore a brand-new frontier in the world of autonomy—and a new way of thinking about how we make deliveries.



The rest of the post is dedicated to explaining the efficiency benefits that Digit offers — no more waiting for your package or for someone to deliver it. All these processes will now be automated.

Digit, Ford claims, has been built not only to approximate the look of a human, but to walk like one,

too. The robot is made out of lightweight material and looks supple but don't let that fool you.

It is still strong enough to lift packages that weigh up to 40 pounds. Digit can even walk everywhere humans can such as stairs and uneven terrain.

Perhaps better than humans, Digit can react swiftly to being bumped over and not lose its balance or lift itself up with its arms if it does fall. Digit has also been designed to fold itself up and fit neatly in the back of a delivery van.

Once at its destination, Digit can unfold to deliver the package. If you are wondering how it will know where to go, rest assured Ford thought of that too.

The robot engages in data sharing with the delivery vehicle.

“When a self-driving vehicle brings Digit to its final destination, the vehicle can wirelessly deliver all the information it needs, including the best pathway to the front door. Through this data exchange, Digit can work collaboratively with a vehicle to situate itself and begin making its delivery,” explains Washington.

Digit can even send pictures to the car if it encounters an unknown situation. The car can then send them to the cloud to request assistance.

Well there you go, Ford has thought of everything. We wonder how long it will be till we start seeing Digit delivering our packages.

<https://interestingengineering.com/ford-unveils-two-legged-robot-that-is-the-future-of-self-driving-delivery>





Technology Focus

Open source blockchain solution enables anyone to create a blockchain in 3 simple steps



ARK has launched ARK Deployer; a free tool that enables users to quickly and easily create their own blockchain in just a few simple steps.

The ARK Deployer revolutionizes a previously lengthy and complex process, and significantly reduces the barriers to entry of blockchain technology.

The intuitive user interface means that anyone, regardless of their technical experience or background, can build,

customize and deploy their own blockchain by utilizing an easy-to-follow tool. In this way, ARK Deployer enables developers, individuals, startups, and businesses across the world to create and customize their own blockchain, tailored to their individual needs.

Users can select one of three customization levels to benefit from built-in presets or advanced configurations: Basic, Intermediate or Advanced. Parameters such as block times, fee structures, rewards, or number of delegates can be set almost instantly using variable sliders and input fields. For the less experienced user, explanations of each field can be accessed from within the ARK Deployer at the click of a button, while supporting guides walk through each step of the process in even more detail, from preparation, to customization, to launch.

But why do users need their own custom blockchains? As the blockchain industry continues to grow, more applications, projects and businesses are beginning to take note of the key benefits that blockchain technology offers; such as immutability, secure and resilient decentralized networks, improved privacy and more.

ARK's Chief Strategy Officer Matthew Cox believes that the desire for secure blockchain layers that underpin applications is causing an increasing number of developers and business leaders to seek easily configurable blockchain solutions.

<https://www.expresscomputer.in/blockchain/open-source-blockchain-solution-enables-anyone-to-create-a-blockchain-in-3-simple-steps/36252/>



Special Focus

Lenovo built a laptop with a folding screen and it could be the future of portable PCs

The new Lenovo laptop, which is part of its ThinkPad X1 family, has a 13.3-inch OLED display that stretches across the entire face of the device, save for some bezel that surrounds the screen. There's no keyboard. Instead you can rely on a software keyboard that appears in the bottom half of the screen's user interface, or connect a wireless keyboard to use the Lenovo like a typical flat display. It has a 1920 x 1440-pixel resolution and an Intel processor inside.

The screen will work in a variety of different orientations, so if you want to hold it like a traditional book by leaving it halfway open, you can, at least in theory.

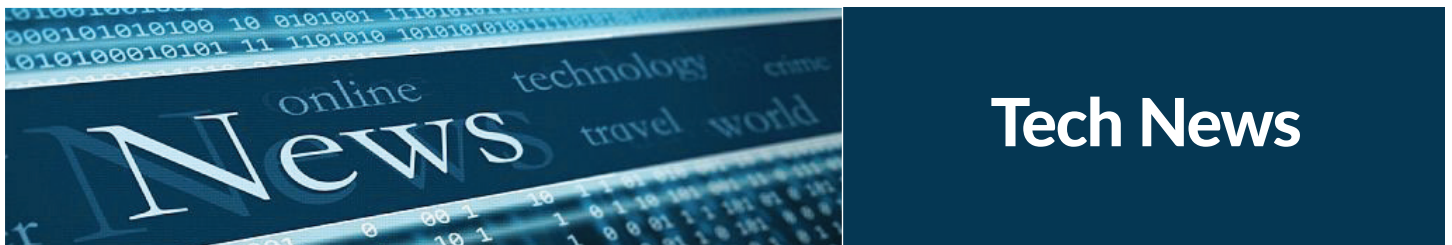
Isn't this thing going to break like the Galaxy Fold? Though Samsung's folding smartphone is physically smaller than Lenovo's prototype, the early failure, or at least delay, of the Galaxy Fold casts a dark shadow over the Lenovo laptop and any other device at the moment that boasts a folding screen. While the Galaxy Fold had a very tight fold that made a crisp line, the Lenovo seems to have a looser curve that's less



likely to leave a permanent gutter down the middle of the display. It's a move that makes a lot of sense since it's using a screen made by LG, a company which has been showing off its own flexible OLED TV that rolls up into a tube when you're not watching it. Laptops don't necessarily need to close as tight as phones, which are constantly in and out of your pocket with countless opportunities for change or trail mix or whatever you keep in your pockets to slip in between the screens and cause scratches.

Like the Galaxy Fold, the Lenovo requires a screen protector, but the edges of it are tucked into the bezel surrounding the screen, so there's no temptation to peel it off and trash the entire device like what some people did with some of the Samsung review units. There's no price, for one, and the most specific info we have regarding an actual release date is sometime in 2020.

<https://www.popsci.com/lenovo-First-folding-screen-laptop>



Sony and Microsoft to explore strategic partnership

Companies to collaborate on new cloud-based solutions for gaming experiences and AI solutions.

Sony Corporation and Microsoft Corp. announced on Thursday that the two companies will partner on new innovations to enhance customer experiences in their direct-to-consumer entertainment platforms and AI solutions.

Under the memorandum of understanding signed by the parties, the two companies will explore joint development of future cloud solutions in Microsoft Azure to support their respective game and content-streaming services. In addition, the two companies will explore the use of current Microsoft Azure datacenter-based solutions for Sony's game and content-streaming services. By working together, the companies aim to deliver more enhanced entertainment experiences for their worldwide customers. These efforts will also include building better development platforms for the content creator community.

As part of the memorandum of understanding, Sony and Microsoft will also explore collaboration in the areas of semiconductors and AI. For semiconductors, this includes potential joint development of new intelligent image sensor solutions. By integrating Sony's cutting-edge image sensors with Microsoft's Azure AI technology in a hybrid manner across cloud and edge, as well as solutions that leverage Sony's semiconductors and Microsoft cloud technology, the companies aim to provide enhanced capabilities for enterprise customers. In terms of AI, the parties will explore incorporation of Microsoft's advanced AI platform and tools in Sony consumer products, to provide highly intuitive and user-friendly AI experiences.



"Sony has always been a leader in both entertainment and technology, and the collaboration we announced today builds on this history of innovation," said Satya Nadella, CEO of Microsoft. "Our partnership brings the power of Azure and Azure AI to Sony to deliver new gaming and entertainment experiences for customers."

<https://news.microsoft.com/2019/05/16/sony-and-microsoft-to-explore-strategic-partnership/>



Citrix deepens cloud integrations with Google, Microsoft



Citrix Systems is holding its annual Synergy conference in Atlanta this week and is marking the event with a slew of product and partnership announcements. Among the key updates is news that Citrix is expanding its partnerships with Google and Microsoft and also rolling out new intelligent capabilities to its digital workplace portfolio.

Citrix is largely known for its Workspace Suite, which includes its server and desktop and application virtualization products XenApp, XenDesktop, and XenServer, along with XenMobile mobile-device management tools, ShareFile Enterprise file sync and sharing, and networking. Its 2018, the company's annual revenue stood at \$2.97 billion.

On the partnership front, Citrix is deepening its long-running integrations with Google and Microsoft. With Google, Citrix is collaborating with the tech giant on a new product called

Citrix Workspace with Machine Creation Services on Google Cloud. The primary function of the product is to extend the Citrix Workspace to Google Cloud, making it easier for admins to deliver apps to Google devices and operating systems hosted on Google Cloud's infrastructure.

The companies also revealed plans for interoperability between Citrix and Google's Cloud Identity, which will let customers log into a Citrix Workspace using G Suite credentials. Citrix is also integrating with identity and access management providers including Okta, Ping and Radius for this service. Another upcoming Google integration will enable companies to automatically notify employees about events from their Google calendars through personalized feeds within the Citrix Workspace.



<https://www.zdnet.com/article/citrix-deepens-cloud-integrations-with-google-microsoft/#ftag=RSSbaffb68>



Vodafone Idea Signs Multi-Million Dollar IT Deal with IBM

India's largest telecom operator Vodafone Idea has announced a five-year multi-million-dollar IT outsourcing deal with technology giant IBM. "This engagement will also contribute to Vodafone Idea's merger synergy objectives by reducing its IT related costs," the telecom firm said in a statement.

The company did not divulge the size of the deal, but some reports pegged it at about US\$ 700 million. "The collaboration will provide Vodafone Idea with a hybrid cloud based digital platform to enable more intimate engagement with its over 387 million subscribers (as of December 31, 2018), enhancing business efficiency, agility and scale plus simplification of its business processes," it said.

The new infrastructure platform will remove constraints to exponential growth of data usage driven by increasing consumption of video, streaming and digital commerce, the statement said, adding that it will also drive enhanced customer experience to millions of connected consumers and businesses in India.

"Vodafone Idea is collaborating with leading global technology partners including IBM to deploy new age technologies with built-in customisations and novel innovations. We believe that use of IBM's hybrid and multi-cloud, analytics and AI security capabilities will accelerate Vodafone Idea's progression to an open, agile and



secure IT environment," the statement said. The deal will also provide a platform for fast-track joint initiatives in artificial intelligence and Internet of Things (IoT).

IBM is supporting Vodafone Idea with an option of extended flexible payment plan structure for the term of the contract through its wholly owned subsidiary IBM Global Financing.

The solutions deployed by Vodafone India and Idea Cellular earlier will be merged and enhance big data capabilities.

Meanwhile, analysts noted that large operators like Vodafone Idea and Bharti Airtel are ploughing in massive investments to augment their network capacities and make their infrastructure future-ready.



<https://www.expresscomputer.in/artificial-intelligence-ai/vodafone-idea-signs-multi-million-dollar-it-deal-with-ibm/35676/>

