

Galaxy's showcase at Dell Tech Forum 2019, Mumbai

Galaxy was privileged to showcase live Dell EMC Integrated Data Protection Appliance (IDPA) at the Kiosk at Dell Technologies Forum held on September 17, 2019 at Grand Hyatt, Mumbai.

Sudip Banerjee group CTO of Reliance Capital shared his experience about achieving excellence in Data Center along with Galaxy and Dell Technologies at Voice of the Customer session.

Dell Technologies Forum is an event for our customers to discover how Dell Technologies can help them implement cutting edge, efficient IT transformation solutions. They can see, touch, and discover the latest products, solutions, and strategies that enable the real transformation from the edge to the core to the cloud.

Galaxy was proud to be the Regional Sponsor at this prestigious event.



Dell Technologies introduced **PowerProtect DD Series Appliances**, the next-generation of its Data Domain protection storage appliances, enabling organizations to protect, manage and recover data at scale across diverse environments. In addition, Dell Technologies is announcing new enhancements to Dell EMC Cyber Recovery, now Dell EMC PowerProtect Cyber Recovery, and to Dell EMC PowerProtect Software that will provide customers with cyber resiliency and support for workloads on PowerProtect DD Series Appliances.

Summary:

- New fast, secure and efficient PowerProtect DD Series Appliances power data protection for multi-cloud workloads
- PowerProtect DD appliances offer scalability and grow-in place capacity expansion, improved logical capacity by up to 30% and data reduction by up to 65x
- For cyber resiliency, PowerProtect Cyber Recovery introduces PowerProtect Software integration and user experience enhancements
- Enhanced PowerProtect Software advances data management capabilities for ever-changing growth and data protection requirements

To know more, Get in touch with us on 022-46108777
or email us at marketing@goapl.com

Happy festivities.



Anoop Pai Dhungat
Chairman & MD

Since the last issue, where I had written about the impending slowdown and ways to tackle it, there have been some more disturbing economic events particularly in the banking system. Using fraud and collusion, how these banks are able to escape the checks and balances, put in place by the RBI, is downright scary. Imagine waking up one day, only to find that you can only withdraw a small amount of your deposits in your bank! Such scares spur the rumour mills into setting off a chain reaction and creating a much bigger crisis. Trust in banks is now at a very low level and this does not augur well for even well managed small and mid-sized banks who will always be looked at with suspicion, thanks to the mismanagement of their peers. A lot of work will have to be done to get that trust back. Let's hope that instead of washing their hands off this crisis, the RBI and Government come together to help rebuild this trust.

One Good thing that Government did was to reduce the corporate tax rates to make India competitive amongst its South Asian peers. However, this step alone will neither spur demand nor attract large scale foreign investments in manufacturing. For that to happen, a lot of other things that address the ease of doing business have to be attended to. I am looking forward to a lot of announcements to take care of that. The festive season is here, and the festive spending should take care of consumer demand for this month at least. It will also give us an indication of how hard the demand is affected.

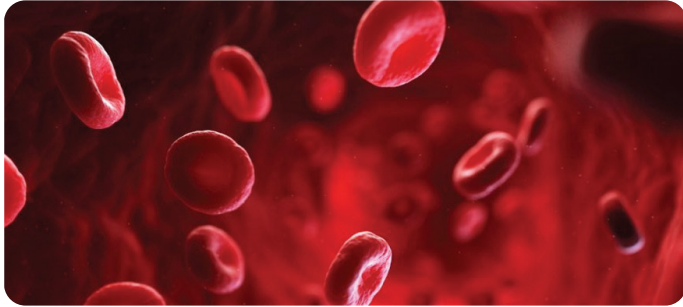
AP Dhungat



Future Is Now

Artificial intelligence could create heart attack early warning system

The creators believe the system "could be saving lives within the next year."



Technology developed using artificial intelligence could identify people at high risk of a fatal heart attack at least 5 years before it strikes, according to research carried out at the University of Oxford.

Currently, when someone goes to hospital with unexplained chest pain they often have a coronary CT angiogram (CCTA) – a scan of the coronary arteries to check for any narrowed or blocked areas. If there is no significant narrowing, which is seen in about 75 per cent of scans, people are sent home.

However, some of them will still have a heart attack at some point in coming years and there are no methods currently in place that can be used by doctors to spot all of the underlying red flags for a future heart attack.

Now, researchers at the University of Oxford have developed a new method of identifying future risk of heart attack using machine learning – an application of artificial intelligence that provides systems the ability to automatically learn and improve from experience without being explicitly programmed.

Dubbed the fat radiomic profile (FRP), the system looks for signs of inflammation, scarring and changes to the blood vessels that supply blood to the heart.

The team analysed the expression of genes associated with inflammation, scarring and new blood vessel formation in fat biopsies taken from 167 people undergoing cardiac surgery and compared these to CCTA scan images to look for features that indicated changes to the fat surrounding the heart vessel.

They then trained the FRB using data from a pool 5489 patients, 101 of whom went on to have a heart attack within 5 years of having a CCTA scan. In subsequent tests, the FRB outperformed any of the tools currently used in clinical practice. The team now hope to roll out the technology as soon as next year.

<https://bit.ly/2It3RCQ>

Exoskeleton controlled by brain signals allows disabled man to walk

The 28-year-old said taking his first steps in the suit felt like being the 'first man on the Moon'.

A tetraplegic man in France has been able to walk while wearing an exoskeleton controlled by his brain signals.

The 28-year-old man who is known only as Thibault, said taking his first steps in the suit felt like being the "first man on the Moon". The four-limbed robotic system controlled helped Thibault to move his arms and walk using a ceiling-mounted harness for balance.

The whole-body exoskeleton, which is part of a two-year trial by Clinatec and the University of Grenoble, is operated by recording and decoding brain signals.

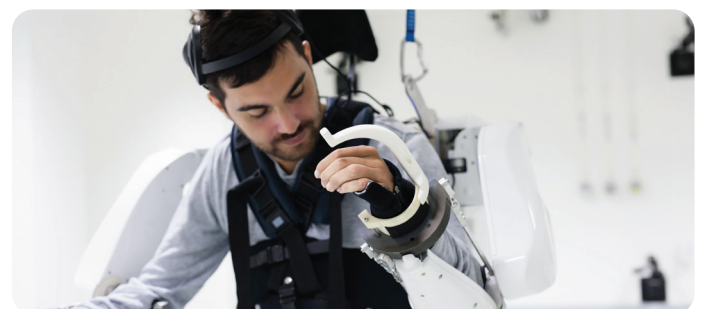
As part of the trial, he had surgery to place two implants on the surface of the brain, covering the parts that control movement. Sixty-four electrodes on each implant read his brain activity and beam the instructions to a computer. Software then reads the brainwaves and turns them into instructions to control the exoskeleton.

A previous patient recruited to the study had to be excluded because a technical problem prevented the brain implants communicating with the algorithm. The implants were removed.

Professor Alim-Louis Benabid of the University of Grenoble, said the exoskeleton used is the first semi-invasive wireless brain-computer system designed for long term use to activate all four limbs.

The exoskeleton is not yet ready to be used outside the lab. Thibault still has to be connected to a ceiling-harness while walking for safety, since it can't make the tiny adjustments needed to stop him from falling.

Tom Shakespeare, professor of disability research at the London School of Hygiene and Tropical Medicine, said the exoskeleton is a long way from being a usable clinical possibility.



<https://bit.ly/2ojMWvC>



Technology Focus

Why Should CISOs Care About XDR?

We have been collectively saying in our industry for the last 15-20 years that a layered approach to your security stack is a “best practice,” but as with all best practices, these are ideals rather than reality for so many charged with protecting their organizations. The vast majority of CISOs are saddled with legacy operating systems and applications, along with a lack of funding.

For many of those in the more mature sectors who struggle less with resources, such as financial and government, this ideal state has been achieved by buying a large number of feature products for each layer. Then, add more and more people to each layer with the hope that they can effectively coordinate their layers to protect, detect, respond and recover from attacks.

Today's Challenge

While this strategy has provided a small level of success, it's not sustainable and definitely not an option for the remaining 90% of companies with resource challenges. Further complicating the issue is the growing scope and scale of attacks today that are successfully targeting the seams between these layers.

There are many reasons why we are in this overloaded place, drowning in alerts and logs. But, there is one cause that we can

point to that has become especially problematic to the design and operations of security programs – the focus on the “kill chain.”

This focus can be effective to simplify and explain the progression of an attack through the different layers. However, it doesn't adequately address the reality of the non-linear nature of attacks. It also misses the incredible importance of identifying tactics, techniques, and tools used by global threat actor groups today.

Until now, ATT&CK is a globally-accessible knowledge base of adversary tactics and techniques based on real-world observations. ATT&CK enables network defenders and cyber threat intelligence analysts to collaborate through an open community to continuously identify tactics, techniques and tools used by 90+ global threat actor groups to improve their protection and detection.

Today's Protection

Other innovative trends that work hand in hand with ATT&CK is the move to XDR from EDR. In the same way that the kill chain has become an outdated concept, so has the notion that EDR is sufficient to speed up detection and response by solely using the endpoint. ATT&CK gives you the full picture of the threat, and XDR coordinates protection against the full picture of that threat.

While the endpoint is still critical, there are vast numbers of malicious artifacts that are siloed or missed at the network, cloud, and gateway. XDR fills in those gaps.



<https://bit.ly/2OrcoKs>



Achieving Major Hyperscale Milestones: VMware SD-WAN by VeloCloud

VMware SD-WAN™ by VeloCloud® has been chosen by thousands of customers in over 150,000 sites and impacts millions of users around the world utilizing its cloud-delivered hyperscale architecture.

What does it mean to be hyperscale-ready in networking?

The ability to scale up bandwidth to support all current and future business needs is certainly a key aspect, but it goes way beyond that. A hyperscale-ready platform must be built on software-defined principles with the ability to support virtual and hardware components, regardless of location (cloud, data center, remote sites, branches, end users, etc), and support all of this at both exponential speed and growth rates.

In the world of SD-WAN, the SD-WAN offering must fulfill two requirements to be hyperscale:

1. Proven robustness and scalability through horizontally scalable architecture to support an unquantified number of customers, sites, users, technologies, and applications.
2. Support a customer's business strategies to enable unlimited growth and expansion of its existing network.

VMware SD-WAN delivers on both requirements.

VMware SD-WAN is hyperscale-ready

VMware SD-WAN has a unique architecture of multitenanted cloud gateways built to hyperscale using elastic cloud and virtualization technologies. The solution relies on the best hyperscale practices in automation, which means that the platform is operated and managed by a fraction of resources needed to operate a traditional WAN. Not only do customers enjoy zero-touch provisioning of their branches, the access to their private data center, IaaS and SaaS is automated and enabled by a single click. How? The horizontally scalable cloud gateways, located in low latency proximity to the cloud, have built in automation to facilitate the creation of complex networks and connectivity to IaaS and Cloud. No per site configuration required.

"As SD-WAN continues to disrupt the wide area networking market, we are seeing increased adoption by large, highly

distributed enterprises across their entire networks," says Sanjay Uppal, vice president and general manager, VeloCloud business unit, VMware. "Vendors need to be positioned for scalability at this juncture of the market evolution, and we have been able to achieve hyperscale from architecture, operations and go-to-market perspectives."

VMware and its telecom service provider partners operate a global network of several thousand gateways and over a hundred orchestrators, in more than one hundred points of presence (POPs) globally. The VMware SD-WAN platform collects tens of billions of flow records a day including network performance and application usage information, which is invaluable for break/fix, capacity planning and delivering the best experience possible to customers.

VMware is helping some of the largest companies in verticals such as retail, insurance, automotive and financial services take advantage of all the benefits of SD-WAN, including application performance, simplicity of deployment, automation and ease of management of wide area networks. Several VMware customers have over a thousand sites each, deployed in diverse production environments with a mix of transports.

VMware SD-WAN relies on an expanding network of go-to-market channels with over 500 partners, including system integrators, VARs, MSPs and over 100 telecom service providers globally.





What slowdown? 1,600 luxury Samsung 'Galaxy Fold' gone in 30 minutes in India

- **The consumers who pre-booked Galaxy Fold have paid the full amount of ₹1,64,999 upfront and will get devices delivered to them through a concierge on October 20**
- **The company has now closed the pre-bookings of Galaxy Fold in India for sometime, as the initial stock was limited to 1,600 units**



Setting a sort of new record in the luxury smartphone segment, Samsung sold a total of 1,600 "Galaxy Fold" devices in flat 30 minutes after pre-bookings were open on the company's official online store on Friday, highly-placed sources told IANS.

The consumers who pre-booked "Galaxy Fold" have paid the full amount of ₹1,64,999 upfront — another first in the super-premium smartphone segment — and will get devices delivered to them through a concierge on October 20, along with a dedicated expert on call 24x7.

According to sources, the company has now closed the pre-bookings of "Galaxy Fold" in India for sometime, as the initial stock was limited to 1,600 units.

Each "Galaxy Fold" consumer will also get a one-year "Infinity Flex Display Protection".

Samsung has Partnered with Galaxy Office Automation Pvt. Ltd. for Tablet & phones.

To know more, Get in touch with us on 022-46108777 or email us at marketing@goapl.com

<https://cnet.co/2LTz6Jk>

Microsoft will sell an Intel-based 15-inch Surface Laptop 3 for business users only

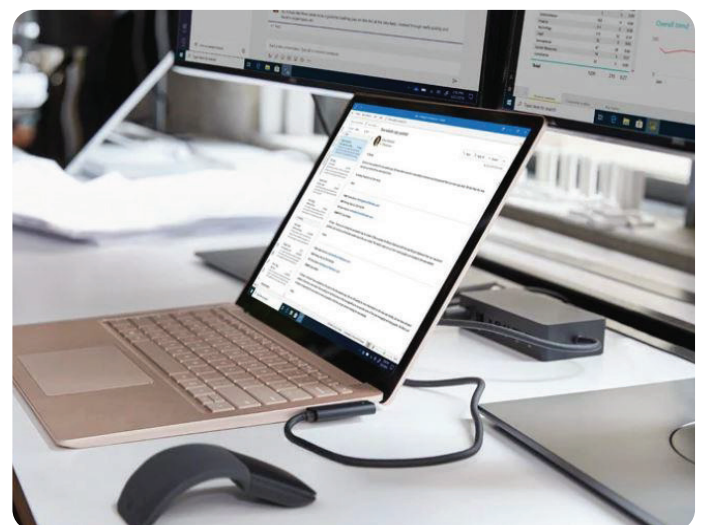
Microsoft is offering business users a version of its just-announced 15-inch Surface Laptop 3 with Intel inside.

Microsoft announced a slew of new Surface devices this week in New York City. But there's one that didn't get any air time which potentially could be interesting to businesses: Another model of the Surface Laptop 3.

Microsoft officials touted two new Surface Laptop 3 models during the company's fall hardware event: A 13.5-inch Laptop 3 running Intel's 10th-generation Core "Ice Lake" and a 15-inch Laptop 3 running a customized AMD Ryzen processor developed in tandem by Microsoft and AMD. But there also is a 15-inch Surface Laptop 3 that will run Intel's Core "Ice Lake" processor.

The Intel-based 15-inch model is available to business customers through a set of preapproved Surface business partners. Microsoft is not making the AMD-based 15-inch Surface available to business customers through these channels. (If you happen to be a business customer who wants the AMD-based 15-inch Surface Laptop 3, you can just buy it outside of the Surface business channels.)

Microsoft says Surface Laptop 3 will get up to 11.5 hours of battery life. It's configurable with up to 32GB of RAM. Pricing starts at \$1,099. Microsoft has made the Alcantara-covered keyboard optional; metal keyboards are now offered, as well. Surface Laptop 3 is slated to begin shipping on October 22.



<https://zd.net/30SaFQP>

Indian users 3rd most exposed to formjacking attacks: Report

After the US and Australia, users in India were most exposed to formjacking attacks – malicious JavaScript code – in the first half of this year, according to a new report by cyber security company Symantec. In formjacking attacks, cyber criminals find a way to change one of the JavaScript files being loaded as part of the website.

This implanted malicious JavaScript code alters the behaviour of the targeted web form or process on the compromised website to surreptitiously steal payment card data and other personal information in the background.

But formjacking is not just about payment card data, it also is used to steal passwords and other personal data from websites.

On an average, websites compromised in this way stay infected for 46 days, Symantec said in its "Internet Security Threat Report".

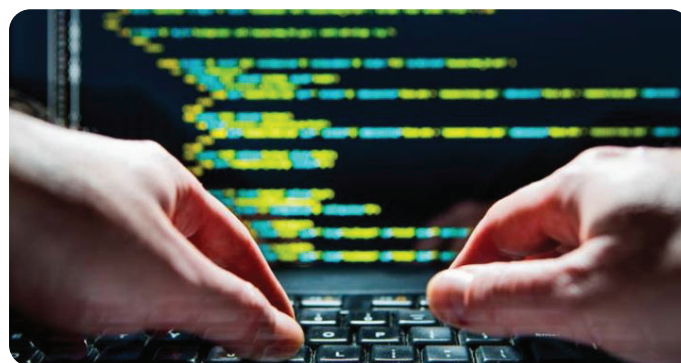
In the first six months of 2019, 52 per cent of all global formjacking attacks targeted users in the US, while 8.1 per cent of the global attacks targeted users in Australia. India

ranks third with nearly six per cent of global detections of formjacking.

Symantec reported a major uptick in formjacking attacks recently, with publicly reported attacks on the websites of companies including Ticketmaster, British Airways, Feedify and Newegg by a number of groups summarised as Magecart being the most prominent examples.

In a traditional data breach, the motivation of the perpetrator is not always to misuse the data, sometimes they just want to highlight security inadequacies. With formjacking, however, the attacker almost always wants to make a profit from the stolen information.

Symantec said it has blocked more than 2.3 million formjacking attacks globally in the second quarter of 2019.



<https://bit.ly/2obnDMm>

Galaxy has been honoured the **"Infra Champion"** award from the SME Channels IT Magazine at Goa



Galaxy is now a preferred partner of Barracuda!

IT Security is a crucial part of running a digital business today. Happy to announce that Galaxy is now a preferred partner of Barracuda! Our Cyber security team is now better prepared than ever to deliver the best of IT Security for our clients.