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CEO, Dell Technologies

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Galaxy Office Automation Pvt. Ltd. was nominated for "Marketing Excellence" Award (APJ) at the Global Partner Summit, DELL TECHNOLOGIES WORLD, the annual summit of Dell Technologies at Las Vegas.

Our CEO Sanjay Patodia with Michael Dell, CEO of Dell Technologies sharing a common vision of business growth at the Global Partner Summit, DELL TECHNOLOGIES WORLD, LAS VEGAS

About Dell Technologies

Dell Technologies (NYSE: DELL) is a unique family of businesses that helps organizations and individuals build their digital future and transform how they work and live. The company provides customers with the industry's broadest and most innovative technology and services portfolio spanning from edge to core to cloud. The Dell Technologies family includes Dell, Dell EMC, Pivotal, RSA, Secureworks, Virtustream and VMware.



Anoop Pai Dhungat | Chairman & MD

Dear Readers,

The world's largest election is underway and we will have to wait till the 23rd of May to know who will win. In spite of all the advancement in technology, the electorate had this knack of proving that predictions based on opinion or exit polls still have around the same accuracy as the age old method of tossing a coin. This mainly has to do with the sample size and the reluctance of a large portion of the electorate to part with accurate information during opinion and exit polls. However, this time around, the very deep penetration of smart phones and social apps coupled with the ability of geotagging content consumption will enable content providers to get a much larger and more definite sample size. Of course, this will have to be done at an aggregate level and even then the legality of such an exercise will be up for scrutiny. It will be interesting to see if anyone decides to tread this path, and if so how do the predictions stack up against the actual results.

Elsewhere, Britain is still struggling to leave the EU amicably. The uncertainties are affecting a lot of businesses and I really hope for an early resolution. For this, the politicians will have to leave their hard stands behind and come together for the common good. Or maybe, another referendum will make their job easier?

The theme for our annual event was 'Get ready for the next level' and it gives me great pleasure to announce to all our readers that indeed, we at Galaxy are ready for the Next Level. Please reach out to us for all your information technology related queries.

Happy Reading





Galaxy & VMware Event



GALAXY & VMware conducted an IT Symposium on 12th April 2019, at ITC Maratha Mumbai, demonstrating VMware's approach towards modernization Data Center & Empowering Digital Workspace.

Vineet Gadia & Robin George Iype from Galaxy initiated by briefing about Galaxy's Products & Solutions.

The Speaker presented how VMware Workspace ONE is the simple & secure enterprise Platform that delivers and manages any app on any smartphone, tablet or laptop. It

engages digital employees, reduces the threat of Data loss & modernization traditional IT operations for the Mobile-cloud era. An overview was given on HCI powered by VMware, that delivers a software defined, building-block approach to IT.

Attended by 70+ IT Professionals, the evening ended with a Gala Dinner, Cocktails & Networking.



Future Is Now

The World's first reprogrammable DNA computer is here

This extraordinary breakthrough could rewrite the rules of biological computing.

Flexible Strands



A stark limitation to biological computers was that any code programmed into DNA couldn't be rewritten. UC Davis computer scientist David Doty told Wired that using a DNA computer is "like having to build a new computer out of new hardware just to run a new piece of software."

But now, Doty and his team have built the first DNA-based computer that can be written and rewritten like any other — a potentially revolutionary leap that could lead to the next generation of biological computing.

New Standard



Conventional computers still have a major advantage over DNA-based systems, in part because of how much of a head start they have. Your laptop has decades of development behind it, so the people writing new programs don't need to also study materials science, circuitry, and all of the other various disciplines that led to the first computer.

But as research like Doty's develops and more team of scientists build on the work, that may change — Wired envisions a future where molecular programmers can approach their trade with just as narrow and specialized a focus as today's computer scientists can.



Building Blocks



In research published Wednesday in the journal Nature, Doty and other scientists from UC Davis, California Institute of Technology, and Harvard describe a DNA-based computer with 355 different “tiles” of DNA that can be compared to the circuits in a conventional computer.

Compared to existing DNA circuitry that can only run one

program, the team of researchers managed to program their computer to run 21 different programs, which can do simple things like counting, selection options from a list, and recognizing palindromes.

It’s all early work — Wired describes the study as producing “beautiful, albeit useless results” — but it could lay the groundwork for a new generation of flexible, programmable biological computers.

Source: <https://futurism.com/worlds-first-reprogrammable-dna-computer>



Technology Focus

How Google’s Anthos is different from AWS and Azure hybrid clouds



Google takes a fundamentally different approach to the on-prem portion of hybrid cloud.

Google brings a new game to town with the recent announcement of its Anthos product hitting general availability. Anthos was conceived to help developers and IT administrators navigate the complex waters of distributed applications. While Microsoft was the first hyper scale cloud platform operator to make it possible to run its cloud environment in customers’ own data centers with Azure Stack, both Amazon and Google have now introduced products and services to do the same thing.

All three recognize the need to help customers modernize existing applications by taking advantage of the latest innovations like containers and Kubernetes. Making all these different applications work together across different platforms both on-premises and in the cloud is challenging. Google says it has a viable solution, or solutions, for this.

Each of these offers a structured approach to moving legacy apps to a cloud-based architecture. While this doesn’t rule out keeping some portions of the application in-house, it does necessitate the use of containers and Kubernetes as the foundational pieces of a new application paradigm.



Source: <https://www.datacenterknowledge.com/>





Special Focus

Dell technologies and Microsoft expand partnership to help customers accelerate their digital transformation



Dell Technologies and Microsoft expand partnership to address a wider range of customer needs and help accelerate digital transformations. Through this collaboration, the companies will deliver a fully native, supported, and certified VMware cloud infrastructure on Microsoft Azure. Additionally, joint Microsoft 365 and VMware Workspace ONE customers will be able to manage Office 365 across devices via cloud-based integration with Microsoft Intune and Azure Active Directory. VMware will also extend the capabilities of Microsoft Windows Virtual Desktop leveraging VMware Horizon Cloud on Microsoft Azure.

The cloud has become fundamental to enabling organizations to move faster toward their business goals. With the cloud's scalability, enhanced security, productivity, cost savings and more, companies are capitalizing on the many benefits. These benefits are enabling organizations to better tap into the potential of technologies like artificial intelligence and Internet of Things. Through this collaboration, the companies aim to accelerate customer transformations with even more open, flexible and scalable solutions.

New Azure VMware Solutions Provide a Seamless VMware Experience on Microsoft Azure.

Azure VMware Solutions are built on VMware Cloud Foundation - a comprehensive offering of software defined

compute, storage, networking and management – deployed in Azure. With these solutions, customers can capitalize on VMware's broadly deployed and trusted cloud infrastructure while experiencing the power of Microsoft Azure.

Azure VMware Solutions give customers the power to seamlessly migrate, extend and run existing VMware workloads from on-premises environments to Azure without the need to re-architect applications or retool operations. Customers will be able to build, run, manage, and secure new and existing applications across VMware environments and Microsoft Azure while extending a single model for operations based on established tools, skills and processes as part of a hybrid cloud strategy. Some of the more popular customer scenarios Azure VMware Solutions will support are app migration and datacenter expansion, disaster recovery and business continuity and modern application development.

Azure VMware Solutions enable organizations to tap into Azure's scale, security and fast provisioning cycles to innovate and modernize applications while also improving performance. By integrating with native Azure services, customers can easily infuse advanced capabilities like AI, Machine Learning, and IoT into their applications enabling new, intelligent experiences.





About 200 US companies seeking to move manufacturing base from China to India: USISPF



The firms have been making queries on how to set up an alternative to China by investing in India.

About 200 American companies are seeking to move their manufacturing base from China to India post the general elections, a top US-based advocacy group has said, observing that there is a fantastic opportunity with firms looking at alternatives to the Communist giant.

The US-India Strategic and Partnership Forum's (USISPF) President Mukesh Aghi said that the companies are talking to them about how to set up an alternative to China by investing in India.

Aghi said that USISPF's recommendation to the new government would be to accelerate the reforms and bring transparency in the decision-making process.

He said that Mark Linscott, the former Assistant US Trade Representative for South and Central Asian Affairs, is working

with USISPF member companies to come up with a recommendation as to what India needs to do to enhance its exports and work up from that perspective.

Aghi said that they have formed a high-level manufacturing council within the member companies, led by John Kern, Senior Vice President of Supply Chain Operations at Cisco who are putting a document together detailing what India needs to do to turn it into a manufacturing hub.



<https://economictimes.indiatimes.com/news/economy/>

What Amazon's rare defeat in China could mean for its tough slog ahead in India

Whether Amazon will be able to use its experience in China to combat Reliance's exhaustive digital backbone and web, which connects millions of India's small grocery shops, will determine if its India experience goes the China way.

It possible that the almighty Amazon, global dominator of all things retail and pulveriser of hapless competitors, has finally conceded defeat in China? It certainly seems that way, as the US-based global e-commerce Goliath announced it would bring the curtain down on its Chinese marketplace business in July and will revert to offering only overseas products to domestic Chinese customers.

However, the company said that it would continue to keep the lights on for its other offerings such as Amazon Web Services (AWS), Kindle e-books, and cross-border shipping services that help send products from Chinese merchants to customers abroad.

The failure in China means that Amazon, as rumour has it, is now firmly focused on India where it has spent \$5 billion and

wants to do more. Its immediate competitor is Walmart's Flipkart. Yet, the more menacing retail threat to it, one that is gaining more momentum day by day, is Mukesh Ambani's Reliance.

Amazon will not only have to compete with one of the biggest monopolies in this new era of business -- sound familiar, Amazon? it will also have to duke it out with another company closer to home; one that doesn't have any shackles on investing in sellers or logistics companies since Reliance is majority Indian-owned. Reliance will benefit hugely from running its own warehousing and logistics just as Amazon does in most parts of the world.

Bezos will need to dig hard and deep into his bag of tricks to compete with India's richest businessman, and if China has taught him anything -- be it in payments, logistics, website design, or anything else -- the most obvious one would be adapt or die.

<https://www.zdnet.com/article>



Dell technologies and orange collaborate for Telco Multi-Access edge transformation.

Companies sign agreement to work together, develop new platform for cloud mobility in the digital economy.

Dell Technologies and Orange, one of the largest operators of mobile and internet services with 264 million customers worldwide, entered into an agreement to jointly explore developing key technology areas for distributed cloud architectures to deliver the real-time Edge use cases and new services opportunities 5G will create.

Realizing the full potential of edge computing, 5G innovation

5G will require a new breed of platforms supporting a rich catalogue of near real-time edge computing and IoT services. The companies will collaborate on meeting demands for new distributed architectures for 5G that combine the best of cloud and mobility. These distributed architectures will provide a common hardware foundation of automated, agnostic software-defined infrastructure, extending from on-premise to the radio to the core, to accelerate innovation and service delivery.

The new mobile platforms must be built on a trusted supply chain delivering an innovative ecosystem of solutions that fulfil the promise of 5G. They will use network telemetry to feed intelligent automation and service orchestration systems, using artificial intelligence to ensure consistent

service levels and insight across the distributed environments. In short, all layers of the network stack will be visible to management systems, and those management systems will autonomously ensure both efficient network operations and high customer experience.

Combining their respective expertise, Dell Technologies and Orange will collaborate on the definition and development of:

- Edge technology use cases, business models and proof of concepts
- Open source consortia and partnerships for the edge ecosystem
- Definition and validation of infrastructure accelerators, such as FPGAs, GPUs, and SmartNICs, for edge workloads, including Cloud/Virtual RAN (CRAN/vRAN), MEC, and real-time, interactive, latency-sensitive applications
- AI/ML-enabled software to support remote automation of a multi-technology, heterogeneous edge built on virtual machines, containers, and bare metal workloads
- Edge infrastructure platforms supporting Telco environmental, space, operational and automation requirements.

<https://corporate.delltechnologies.com/>

