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## Cabinet approves National Policy on Software Products – 2019



The Union Cabinet, chaired by the Prime Minister Shri Narendra Modi has approved the National Policy on Software Products – 2019 to develop India as a Software Product Nation.

#### Major impact

The Software product ecosystem is characterized by innovations, Intellectual Property (IP) creation and large value addition increase in productivity, which has the potential to significantly boost revenues and exports in the sector, create substantive employment and entrepreneurial opportunities in emerging technologies and leverage opportunities available under the Digital India Programme, thus, leading to a boost in inclusive and sustainable growth.

#### **Expenditure** involved

Initially, an outlay of Rs.1500 Crore is involved to implement the programmes/ schemes envisaged under this policy over the period of 7 years. Rs1500 Crore is divided into Software Product Development Fund (SPDF) and Research & Innovation fund.

#### Implementation strategy and targets

The Policy will lead to the formulation of several

schemes, initiatives, projects and measures for the development of Software products sector in the country as per the roadmap envisaged therein.

#### To achive the vision of NPSP-2019, the Policy has the following five Missions:

To promote the creation of a sustainable Indian software product industry, driven by intellectual property (IP), leading to a ten-fold increase in India share of the Global Software product market by 2025.

To nurture 10,000 technology startups in software product industry, including 1000 such technology startups in Tier-II and Tier-III towns & cities and generating direct and in-direct employment for 3.5 million people by 2025.

To create a talent pool for software product industry through (i) up-skilling of 1,000,000 IT professionals, (ii) motivating 100,000 school and college students and (iii) generating 10,000 specialized professionals that can provide leadership.

IV. To build a cluster-based innovation driven ecosystem by developing 20 sectoral and strategically located software product development clusters having integrated ICT infrastructure, marketing, incubation, R&D/testbeds and mentoring support.

In order to evolve and monitor scheme & programmes for the implementation of this policy, National Software Products Mission will be set up with participation from Government, Academia and Industry.

#### NASSCOM STATEMENT ON THE NATIONAL POLICY ON SOFTWARE PRODUCTS 2019

The National Policy on Software Products 2019 is a positive step towards empowering India to become global software products hub. The policy recommendations are aligned to NASSCOM's suggestions on sectorial software product development clusters, talent accelerator programs and the initiative to nurturing of software products start-ups under TIDE 2.0 and NGIS. Building on the long term objective of NASSCOM and the Government, it proposes to create a talent pool of skilled software product developers with over one million entry level professionals by 2025.

Today, there is increased convergence of hardware and software, which is creating a new segment in product innovation, we hope that the government will take cognizance of this trend and will align its initiatives. We will continue working with the Government and other stakeholders to ensure a conducive policy for the industry at large to build a sustainable business environment; NASSCOM hopes that the policy will drive the creation of at least 30 product driven companies from India by 2025.

## Fortinet PartnerSync enables Lucknow partners with new strategies and solutions to manage cybersecurity

Fortinet conducted PartnerSyncat Lucknow last



week to enable local partners to have a deep understanding of new network security strategies and objectives in order to help them improve their current customer support and services. The con-

ference attended by more than 50 partners had sessions by Fortinet experts providing updates on threat trends and attack vectors, the existing security infrastructure, and how to reconfigure that infrastructure and integrate security into a fabric as networks becomes more distributed.

Despite the challenges associated with digital transformation, organizations continue to employ technology to enable accelerated growth, allowing them to compete more effectively in this new digital era. From machine learning to the

multi-cloud to the unprecedented rate of adoption of IoT devices, these advancements require new strategies and solutions for managing cybersecurity. The conference focused on protecting modern distributed networks, with an emphasis being placed on network, endpoint and cloud security.

"Our goal is to reach out to partners in every city



and help them get aligned with our Partner Program to accelerate their business and drive unprecedented growth and profit by delivering superior security technology solutions to their customers.

We arm partners with the right programs – like deal registration, renewal tracking, incentives for promoting our technologies, and trade promotions – to drive profits." said Jitendra Ghughal, Director Channels, India & SAARC, Fortinet.

#### Kaspersky Lab announces 4% revenue growth to \$726 million in 2018

Kaspersky Lab continued to deliver stable growth in 2018 and increased its global unaudited IFRS revenue to a total of USD 726 million\*, representing a4% YOY revenue increase. During a year of evolving market conditions and continuous geopolitical pressure, the company achieved success as a result of the trust customers and partners place in the company and its leading cyber security solutions and services.

Among the strategic business areas that drove Kaspersky Lab's growth in 2018 were Digital and Enterprise. The company saw an increase in digital sales (+4%\*\*) and strong growth of 16%\*\* in the enterprise segment, with 55%\*\*growth in non-endpoint products and services in particular. Overall, the company secured healthy results in these business areas by delivering some of the best products and services in the industry, as well as new solutions and technologies that prevent, detect and respond to the most sophisticated cyber threats.



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Statement about ownership and other particulars about newspaper CELL IT to be published in the first issue every year after the last day of February.

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COLONY, VIJAYAWADA-520008 DINESH SHYAM SUKHA

one per cent of the total capital.

I, DINESH SHYAM SUKHA. hereby declare that the particulars given above are true to the best of my knowledge and belief.

Date: 1-3-2019

#### "Nothing is impossible for 130 crore Indians" declares Hon'ble Prime Minister Narendra Modi at the 5th Global Business Summit



The final day of the 5th Global Business Summit was kicked off with the Hon'ble Prime Minister Shri Narendra Modi's address where he made a resounding declaration of the positive changes that the government has brought about in the last five years and the significant improvements the country has made on almost all global rankings since 2014.

PM Modi said, "Since we have formed the Government, hesitations have changed to hopes, obstacle to optimism and issues to initiatives. Since 2014, India has made significant improvement in almost all international rankings. World's perception about India is changing." His power packed speech further outlined a \$10 trillion vision for the country and making it third largest economy in the world.

"With the support and partnership of the people, India has made rapid strides since 2014. This was not possible without Jan-bhagidari. It is this experience that gives us confidence that our country can provide opportunities to all its citizens, to grow, prosper and excel," PM Modi said,

"During 2014-19, the country would register average growth of 7.4 per cent and the average inflation would be less than 4.5 per cent. Post liberalisation of Indian economy, this will be the highest rate of average growth and lowest rate of average inflation witnessed during the period of any government," PM Modi said.

He expressed his confidence in the way Indians are changing and making the impossible possible, PM Modi said, "It was said that a corruption free government is impossible, but people of India have made possible. Namumkin ab mumkin hai."

"Before 2014, we heard about a competition of a different kind — competition on corruption and delays. But, now we have a competition at whether India will get 100% sanitation first or 100% electrification first," he further said.

"We have moved away from the A,B,C mentality A for avoiding, B for burying and C for confusing Instead of avoiding, we dealt with the issue; Instead of burying it, we dug it out and commu-

#### **EDITORIAL**

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nicated to the people; Instead of confusing the system, we showed a solution is possible," the PM added.

He said India will take the lead in Industrial revolution now, "India may have missed the bus in the first three industrial revolutions. But this time it's a bus that India has not only boarded, but will also drive," eliciting hearty applause from the audience comprising policy makers, and corporate honchos from India and across the world. He further said, "It is technology that is bridging the gap between the 'haves' and 'have nots' in India."

"When we made the fastest train, we also eliminated all unmanned crossings. When we are aiming to land in Mars, we are also ensuring a roof for every Indian," the PM added. "We are not just making in India. But, also now innovating in India," the PM said.

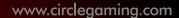
"Today change is clearly visible. After 2014 hesitation has been replaced by hope. Obstacles by optimism. And issues are replaced by initiatives," he added.

Complimenting the relevance of this year's theme said, "Let me first compliment you on choosing the word 'social' as the first word of your theme for a business summit. I am also happy to note that the people present here are discussing the challenge of how to make development sustainable, which happens to be the second word of your summit. When you talk about scalability, it gives me hope and confidence that you are discussing the solutions we need today."

He ended his speech on a high note, saying, "Making India a 10 trillion dollar economy, 3rd largest economy, give countless people energy security, reduce import dependence and become leaders in electric vehicles and energy sources."

Ambassadors and high commissioners of Saudi, UAE, Indonesia, Morocco, Czech, Argentina, Serbia, Maldives and Sweden attended the PM session at the Summit today.

The Global Business Summit 2019 is presented by The Economic Times and YES BANK and powered by Facebook. This year's theme is sustainability, scalability and social change.







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## Cisco teams up with Samsung to make the promise of Wi-Fi 6 a reality



Like 5G for mobile carrier networks, Wi-Fi 6 is the next-generation wireless standard and represents a quantum leap forward for connectivity. And as with all new standards, there were inevitable gaps that showed up in development; unforeseen challenges that can only be unearthed through trial and error. With major change comes complexity.

That's why Cisco has been working with Samsung behind the scenes to validate that Wi-Fi 6 actually delivers faster connections, more capacity, and longer battery life. Over the past few months, Samsung Wi-Fi 6 mobile devices have been in action across the Cisco campus. We tested them over pre-production Catalyst Wi-Fi 6 and Meraki access points. We tested them in

a university, followed by an airport, and have so far introduced the technology to a handful of key beta customers.

All new standards come with issues, and Wi-Fi 6 will be no different. And there's where we felt we could make a difference for our customers. As a result of our in-depth experiments, we identified and addressed a number of issues. We've also resolved many grey areas in the spec – items that were left up to implementers' interpretation or that don't give details on how a feature should perform. Working with Samsung, we eliminated those grey areas. When our customers make the move to Wi-Fi 6, they can be confident the new technology will behave as expected.

#### ENABLING TOMORROW'S SMART 5G NETWORKS TODAY



HCL Technologies (HCL), a leading global technology company, announced its largest presence to date at the Mobile World Congress (MWC) in Barcelona, taking place between 25th – 27th February 2019.

HCL brings a full schedule to the event that reflects its global technology expertise across key industry sectors, enabled by its mode 1-2-3

strategy and its extensive ecosystem, to demonstrate how next generation technologies and 5G can become a global success story.

"HCL's 2030 platform that encapsulates technology for the next decade, today, will be show-cased this year at the MWC 2019. We will display how 5G is possible today with the right technology, skills and level of expertise. HCL will bring to life real experiences that show how new age digital technologies such as 5G, Al and IoT can work in tandem to transform and enhance everyday life," said GH Rao, President, Engineering and R&D Services, HCL Technologies. "We are excited about our live demos, product show-cases and expert discussions with our customers and partners across the ecosystem, to create a compelling platform for the coming decade of Human – Machine harmony".

# Mobile Economy Valued at \$3.9 trillion as 5G Ushers in Era of Intelligent Connectivity



5G is on track to account for 15 per cent of global mobile connections by 2025, as the number of 5G network launches and compatible devices ramps up this year, according to a new GSMA report. The 2019 global edition of the GSMA's flagship Mobile Economy report series - published today at MWC Barcelona 2019 – reveals that a further 16 major markets worldwide will switch on commercial 5G networks this year, following on from the first 5G launches in South Korea and the US in 2018. It is calculated that mobile operators worldwide are currently investing around \$160 billion per year (capex) on expanding and upgrading their networks, despite regulatory and competitive pressures.

"The arrival of 5G forms a major part of the world's move towards an era of Intelligent Connectivity, which alongside developments in the Internet of Things, big data and artificial intelligence, is poised to be a key driver of economic growth over the coming years," said Mats Granryd, Director General of the GSMA. "While 5G will transform businesses and provide an array of exciting new services, mobile technology is also helping to close the connectivity gap. We will connect more than a billion new people to the mobile internet over the next few years, spurring adoption of mobile-based tools and solutions in areas such as agriculture, education and healthcare, which will improve livelihoods of people around the world."

#### **Introducing Microsoft HoloLens 2 and Azure Kinect DK**



This is a tremendously exciting time for Microsoft, our partners, our customers, the computing industry and indeed the world. The virtually limitless computing power and capability of the cloud combined with increasingly intelligent and perceptive edge devices embedded throughout the physical world create experiences we could only imagine a few short years ago.

When intelligent cloud and intelligent edge experiences are infused with mixed reality, we have a framework for achieving amazing things and empowering even more people. Today represents an important milestone for Microsoft. This moment captures the very best efforts and passion of numerous teams spanning Azure, HoloLens, Dynamics 365 and Microsoft Devices — this truly is a moment where the sum is greater than the parts. From cutting-edge hardware design to mixed reality-infused cloud services, today's announcements represent the collective work of many teams. And none of this would be possible without our passionate community of customers, partners and developers.





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#### **Huawei** Launches Multiple Smart Products

During Mobile World Congress 2019, Huawei announced multiple products, including the updated HUAWEI MateBook X Pro, the new mainstream PC notebooks HUAWEI MateBook 13 and HUAWEI MateBook 14, 5G foldable smartphone, the HUAWEI Mate X and showcased the HUAWEI 5G CPE Pro, the first commercial product housing Balong 5000. These products deliver outstanding high-speed connectivity to users and bring a hyperconnected, all-scenario experience closer than ever before.

#### **HUAWEI MateBook X Pro**



At MWC 2018, Huawei introduced the HUA-WEI MateBook X Pro, the first-ever FullView notebook. Combining extreme portability, a premium FullView display, cutting-edge performance and smart connectivity, the first HUA-WEI MateBook X Pro heralded the era of minimal-bezel notebooks, and served as a milestone marking Huawei's rise to prominence in the PC business. Today at MWC 2019, Huawei launched the newly updated HUAWEI MateBook X Pro. It exhibits all the characteristics that define the flagship notebook: artistic design, innovation and intelligence, bringing the performance and all-scenario interconnectivity of the flagship notebook to the next level.

An incredibly powerful device, the HUAWEI Mate-Book X Pro is powered by up to an 8th Generation

Intel® Core™ i7 8565 processor and NVIDIA® GeForce® MX250 GPU with 2 GB GDDR5. It also features broadband Wi-Fi, Bluetooth 5.0 and a more powerful Thunderbolt™ 3 port to support all-day productivity. Meanwhile the Dolby Atmos® Sound System delivers an immersive cinematic experience no matter where users find themselves.

#### **HUWAEI Mate X**



A result of Huawei's bold experimentations with novel smartphone form factors, the 2-in-1 smartphone and tablet HUWAEI Mate X features a flexible OLED panel and a Falcon Wing Mechanical Hinge that blends style with technology. The lightweight foldable smartphone sports a new Interstellar Blue colour wave that epitomizes the beauty of technology and sets a higher bar for future smartphones.

The HUAWEI Mate X is more than a smartphone or a tablet—it is greater than the sum of its parts. The flexible OLED foldable FullView display and the world's fastest 5G modem chipset Balong 5000 combine to deliver a new mode of interfacing, in which the large-screen experience and portability co-exist in harmony. In tablet mode, the HUAWEI Mate X is the ideal mobile productivity powerhouse. Multitasking is better than ever and users can take advantage of two screens simultaneously for multiple tasks and enjoy a desktop-like experience.

#### **HUAWEI 5G CPE Pro**



Balong 5000 officially unlocks the 5G era. This chipset supports a range of 5G products in beyond just smartphones, including home broadband devices, vehicle-mounted devices and 5G modules. It will provide consumers with a brand new 5G experience across multiple scenarios. Powered by Balong 5000, the Huawei 5G CPE Pro supports both 4G and 5G wireless connections, setting a new benchmark for home CPEs on a 5G network: a 1 GB HD video clip can be downloaded within three seconds, and 8K video can be streamed smoothly without lag. In addition to homes, the Huawei 5G CPE Pro can also be used by small and medium-sized enterprises for superfast broadband access.

## The Perfect Smartphone for the 5G Generation

Giving consumers the ability to enjoy all 5G has



to offer as soon as service becomes available, the groundbreaking LG V50 ThinQ 5G has been carefully crafted

to provide an exceptional user experience. LG's first 5G handset will exceed expectations, allowing users to experience high-quality content at 5G speeds.

LG has gone all out to boost the display and audio performance of LG V50 ThinQ 5G so consumers can enjoy more immersive content as they watch more and play more on 5G. A 6.4-inch QHD+ OLED FullVision Display with 19.5:9 aspect ratio offers users an immersive experience whether they're viewing a video or enjoying a game. Plus, with DTS:X technology onboard, LG V50 ThinQ 5G provides a surround sound experience that enhances the content quality to create a realistic soundscape with suburb clarity and depth.

LG's 5G smartphone features optical innovations that enable users to take extraordinary pictures and videos of the highest quality. Looking beyond still images, LG implemented Portrait Video in both the front and rear cameras, building on video bokeh effect found on the rear camera of the LG G8 ThinQ.

LG's first 5G device is powered by the newest Qualcomm® Snapdragon™ 855 Mobile Platform, with the Snapdragon X50 5G modem and antenna modules with integrated RF transceiver, RF front-end and antenna elements and LG's optimized software to deliver the advanced processing power required for 5G. The Snapdragon 855 Mobile Platform also provides breakthrough Wi-Fi and Bluetooth performance by including the Qualcomm® WCN3998, an integrated 2x2 Wi-Fi 6-ready and Bluetooth 5 mobile connectivity chipset offering fast, security-rich and robust connected experiences. The phone is also equipped with a 4,000mAh battery and a new Vapor Chamber heat-dissipation system which helps to keep internal temperatures low and support sustained apps processing performance – even when multitasking.

### Three New Wearables for Balanced and Connected Living



Samsung Electronics announced its new line-up of Galaxy wearables: Galaxy Watch Active, Galaxy Fit/Galaxy Fit e and Galaxy Buds. The smartwatch, activity tracker and cord-free earbuds made for a range of lifestyles. For everyone from life balance seekers to those who are looking for extra motivation, Samsung wearables make pursuing wellness goals more convenient, more stylish and more fun.

"Consumers are increasingly putting their overall wellbeing at the center of their lifestyle decisions, and they're looking for wearables that make it easier to get active and stay balanced every day," said DJ Koh, President and CEO of IT & Mobile Communications Division, Samsung Electronics. "Everyone has their own way of pursuing their goals. We're thrilled to introduce our new line of wearables to fit seamlessly into your life and complement your own personal wellness journey."



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Uplink Port Switch Mode

	DES-F1006P-E	DES-F1009P-E	Application Diagram	a			
Switching Capacity	1.2 Gbps	1.8 Gbps	P.	ower		Internet	
Forwarding Rate	10M: 14,800pps   100M: 148,800pps	10M: 14,800pps   100M: 148,800pps	8+1 port PoE (DES-F1009			<b>24 - Port Gigabit Swit</b> (DGS-F1210-28P/M	
LED's Indicator	Power   LINK/ACT, PoE	Power   LINK/ACT, Po					
PoE Budget	60W	120W		ð		8	
Lightning protection	6KV	6KV	PC/NVR				
Dimensions (LxWxH)	125 x 75 x 27mm	184 x 94 x 27mm			PD	Acre	
Operating Temperature	0 to 40° C (32 to 104°F)	0 to 40° C (32 to 104°F)		IP-Camera	WiFi AP	IP Phone	

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# LENOVO LAUNCHES SMARTER TECHNOLOGY FOR A MORE CONNECTED WORLD

At MWC 2019, Lenovo reaffirmed its vision of bringing smarter technology to more people, and ushering in an era of intelligent transformation through new product launches from across its portfolio – from PCs and smart devices to cutting edge Data Center technology and solutions.

#### **ThinkPad**



Lenovo announced today the latest additions to the ThinkPad portfolio: the T490s, T490, T590, X390 and X390 Yoga™. With more than 140 million units sold to date, the fundamentals of ThinkPad have always focused on design and engineering, creating end-user trust through first-class security and durability and ensuring a premium mobile experience. For 2019, we have embraced Intelligent Connectivity principles through a foundational engineering philosophy. By analyzing all aspects of the user experience, we have focused on innovations that add value:

- ▶ ThinkShield with features such as ThinkPad PrivacyGuard with PrivacyAlert and ThinkShutter physical webcam security are available on most models
- ▶ New modern ThinkPad BIOS with new features including self-healing capability
- ▶ High speed WWAN for best connectivity with up to Gigabit speeds, using Fibocom L860-GL CAT16 LTE on the T490
- ▶ T490s, X390 and X390 Yoga feature the latest Intel® Wi-Fi 6 Gig+
- ▶ Dual microphones with four meter far-field performance and true 360o capability
- ► HDR display with Dolby Vision<sup>™</sup> support available on all T series
- ▶ New low power 400 nit FHD display available on T490s and T490
- ▶ Latest 8th Gen Intel Core™ processors

#### Lenovo Tab V7 Ultra-portable Tablet and smartphone-in-one



Now users on the go can get the best of both worlds with the new, ultraportable Lenovo Tab V7. It combines the benefits of an Android™ tablet including all-day battery life1, terrific sound and a massive

6.9-inch IPS Full HD display, with the advantages

of a smartphone that lets you talk, text and use data anywhere2 – all at an accessible price point. Great for the selfie generation, its front and rear cameras are also designed to take stunning pictures. Read the top seven reasons to try out the new Lenovo Tab V7

#### IdeaPad S540 ultra-slim laptop



Available in a trio of rich color options including Abyss Blue, Copper and Mineral Grey,6 the Idea-Pad S540's sleek profile has thinner bezels than before – encasing a brilliant optional Full HD IPS display. Paired with Dolby Audio™ Speaker System, the IdeaPad S540 delivers loud and clear sound through speakers custom designed by Dolby. When it's not in use, simply slide its integrated TrueBlock privacy shutter over the webcam for extra privacy.

#### IdeaPad S340



The IdeaPad S540's younger sibling is the new IdeaPad S340, which shows off an even slimmer and lighter profile than before in an array of four striking colors and 14-inch or 15-inch size options. Also boasting more power than before, this ultra-slim laptop has up to the latest 8th Gen Intel Core i7-8565U processor with up to NVIDIA GeForce MX250 GPUs, or the option of up to AMD Ryzen 7 3700U mobile processor with Radeon RX Vega 10 graphics.

#### IdeaPad C340 2-in-1 convertible laptop



Thin and versatile for those on the move, the new IdeaPad C340 2-in-1 convertible laptop is a close cousin to the IdeaPad S540 and S340 ultra-slim

laptops. It offers battery life of up to 8 hours3 with RapidCharge technology5, Active Pen support on select models to conveniently sketch or write from anywhere, and an optional integrated fingerprint reader for quick and easy PC log-in. Also available in 14-inch and 15-inch sizes with three stunning color options,6 the IdeaPad C340 can easily flex from a laptop for typing longer emails and spreadsheets into a tablet for watching videos during daily commuting.

#### IdeaCentre AIO A340 all-in-one desktop





Completing the new family of consumer PCs is the new IdeaCentre AIO A340 all-in-one desktop. Designed to fit seamlessly into nearly any modern home or workspace, the new IdeaCentre comes in an elegant Business Black or Foggy White color option6 in a larger 22-inch or 24-inch Full HD display and thinner bezels than before. Made for families or professionals who want a space-saving home desktop or reliable work desktop for their small workspace or home office, the IdeaCentre AIO A340 offers up to Intel Core i5-8400T processor with AMD Radeon 530 or integrated graphics, or choice of up to 7th generation AMD A9-9425 processor with Radeon R5 graphics for daily work or home computing needs, like web-browsing, emailing, budgeting, photo-editing and more. Its distinctive and minimalist curved steel monitor stand stands out from the sea of clunky traditional desktops, while gracefully blending into uses' work and living spaces.

#### Yoga ANC Headphone





Pair any of the new IdeaPad or IdeaCentre PCs with the new Yoga ANC Headphones designed for immersive entertainment or focused productivity. Featuring hybrid ANC (active noise cancellation) and ENC (environmental noise cancellation) mics with voice assist and Dolby-tuned drivers that can intelligently filter out background noise during calls, the Yoga ANC Headphones will sound as good as they look.

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- One step installation



- 600MHz processor
- Folding LCD control panel
- Low cost per page and build for long term use

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## Microsoft shows the way to unlock full potential of Al for India

Envisioning the potential of AI for India, and continuing in its mission to empower India, Micro-



soft detailed the country's readiness for AI in a whitepaper titled 'Age of Intelligence'. Focusing on making India a digital economy, with modern mobile infrastructure, skilling up the workforce, and reduced data costs and cross-industry

collaboration will make for an environment conducive to extend information connectivity and digital services to the underserved segments of the population, Microsoft said in a whitepaper on AI, unveiled at the NASSCOM Technology and

Leadership Forum (NTLF) 2019.

The whitepaper titled 'Age of Intelligence' outlines challenges and opportunities with respect to AI and how balanced and forward looking government policies, technological advancements including growing internet penetration and connectivity will help reap benefits of digital transformation in years to come. Furthermore, Microsoft calls for the technology industry to actively partner and engage to help realize India's global aspirations in AI, given that many of the initiatives outlined therein need technology as the backbone to achieve scale, efficiency and sustainability. Cloud infrastructure and rapid deployment of intelligent cloud services will play a key role in driving AI adoption and benefits in the country.

## **Legrand India** to become a part of the USD 15 billion IoT market in India



Legrand India, a global leader in electrical and digital building infrastructure provides a new dimension for connecting lives with their roll out of IoT programme- ELIOT. ELIOT which stands for Electricity + Internet of Things is a programme that aims to inject the power of communications, advances in connectivity and intelligence in the building environment and enhances value of the connected products to improve user experiences. Eliot also supports the development of suitable digital infrastructures for buildings and provides interoperability.

In India the Eliot product offerings are – Residential: Arteor With Netatmo, My Home Up, Classe 300 IP Door Phones, Nuvo for Audio Systems; Hospitality: Neat for Integrated Assisted Living, Flex Commercial: Power Distribution Unit, Energy Distribution.

## ONCAM IMPROVES DESIGN AND FUNCTIONALITY OF SPECIAL STAINLESS STEEL CAMERA



Oncam, the leading provider of 360-degree video capture and business intelligence technology, today announced the release of its new and improved Evolution 05 and 12 Stainless Steel Camera line with design enhancements that further position the device as the ideal solution for surveillance needs in the most demanding environments.

Oncam's Evolution Stainless Steel cameras provide resilient protection in areas where resistance to the elements and compliance to stringent regulations are paramount. The updated Stainless

Steel camera design includes:

- A Enhanced aesthetics. The camera enclosure is more compact and aesthetically pleasing, making it an elegant solution for applications that feature high-end architecture.
- A High-level certifications. In addition to the camera's NSF Certification and IP69K rating, the new design adds more certifications that demonstrate its effectiveness in harsh atmospheres:
- NEMA 4X and 6P: for enhanced compliance in the North American market.
- IP68: Certifies protection against submersion.
- IK10+: Certifies enhanced protection against
- ▲ Extended Accessories range. Comprehensive range of stainless steel accessories and mounting options.
- ▲ Tamper-proof security. The front cover of the camera can only be opened using a bespoke tool, providing increased safety and protection.

#### Check Point Appoints Sharat Sinha as Vice President for Asia-Pacific and Japan

Check Point® Software Technologies Ltd. a leading provider of cyber security solutions globally,



has today announced the appointment of Sharat Sinha as Vice President for APAC. He will be responsible for driving Check Point's market and business growth in the region, focusing on sales strategy and operational plans.

Mr Sinha has over 25 years'

experience in senior sales and marketing positions in the cybersecurity and enterprise IT sectors. He joins from VMware, where he was VP for Asia-Pacific and Japan for 4 years. Prior to this, he was the Theater VP and General Manager for APAC at Palo Alto Networks for 2 years. He has also held several sales and divisional leadership roles at Cisco over an 11-year period in the Asia-Pacific region.

Dan Yerushalmi, Check Point's head of global sales and strategy commented, "Sharat brings a tremendous depth of knowledge and experience in enterprise security sales and partner management in Asia-Pacific and Japan. This will be fundamental to accelerating our next phase of growth in the region."

## Asus acknowledges and strengthens Channel & Partner Support



Driven by innovation and commitment to quality, ASUS the Taiwanese tech giant hosted a channel partner meet in Sri Lanka at the exotic Anantara Resort in Kalutara. The lavish event witnessed the participation of more than 150 channel partners of ASUS along with their families, in addition to ASUS' senior management.

At the Channel Partner meet, ASUS unveiled the concept of "Together We Win" and emphasized on the virtues of collaboration and partnership in achieving the success one aspires to have. Boosting camaraderie and joy, the meet also hosted several activities. The best performers at the meet were recognized by giving away exciting gifts like ASUS laptops across ranges.

Commenting on the partner meet, Mr. Arnold Su, Business Development Manager, ASUS India (PC & Gaming) said, "It has been an absolute delight hosting our esteemed channel partners in Sri Lanka. The meet has got the ASUS team and channel partners on the same page, and primed up to achieve the next growth phase in the country.

#### New premium smartphone experiences help celebrate 10 years of Galaxy innovations



Celebrating a decade since the launch of the first Galaxy S, Samsung Electronics introduces a new line of premium smartphones: Galaxy S10. With four unique devices, the Galaxy S10 line is engineered to meet the distinct needs of today's smartphone market, so consumers can do more of what they love. Each device delivers a next-generation experience in the categories consumers care about most: groundbreaking innovations in display, camera and performance.

A testament to a decade of innovations, Galaxy S10 is designed for those who want a premium smartphone with powerful performance and sets the stage for the next generation of mobile experiences. For consumers looking for a supercharged device, Galaxy S10+ takes every spec - from display, to camera, to performance - to the next level. Galaxy S10e is built for those who want all the premium essentials in a compact package on a flat screen. Finally, Galaxy S10 5G is created for those who want more of everything and are ready for the fastest available speeds and the most powerful features. Featuring the all-new Dynamic AMOLED display, next-generation camera, and intelligent performance, the Galaxy S10 line offers consumers more choices and sets a new standard for the smartphone.

#### **Xiaomi Unfurls Redmi Note 7 Pro & Redmi Note 7**

Xiaomi has unveiled the successors to the Redmi Note line-up in the new Redmi Note 7 Pro and





Redmi Note 7 in India. The phones mark the biggest shift in design and computing prowess since the Redmi Note line-up debuted in India in 2014.

Speaking on the occa-

sion, Manu Jain, MD, Xiaomi India and VP, Xiaomi, said, "The Redmi Note 7 series is a remarkable addition to our Redmi Note line, bringing our core philosophy to life – innovation for everyone. Redmi Note 7 Pro features a powerful 48MP camera, equipped with the Qualcomm Snapdragon 675, while offering a stunning Aura Design. And Redmi Note 7 similarly offers an array of great features. With such incredible offerings, Redmi Note 7 series is the perfect package for our Mi Fans and consumers who look forward to enjoying innovative products with best specs of great quality at a truly honest price."

The most powerful Redmi series yet, Redmi Note 7 series embodies Aura Design — marking a significant shift in the design language to a more ergonomic, sleek and premium style. With both the front and rear covered in Corning® Gorilla® Glass 5, Redmi Note is no more only about pure grunt, marrying style and function. The Dot Notch display, measuring 6.3 inches with a 19.5:9 2340 x 1080pixel LTPS panel tops off the Aura Design.

The Gorilla Glass 5-covered rear makes the Redmi Note 7 series stand out in the all-new range of colours, and comes with support for Qualcomm® Quick Charge<sup>™</sup> 4.

#### **ASUS India Debuts 'Titanium edition' of** ZenFone Max Pro M2



ASUS has launched the 'Titanium edition' of its much - acclaimed. Zen-Fone Max Pro M2. Stylishly austere and bold, the smartphone is a perfect amalgamation performance, endurance, finesse and beauty. Tita-

nium colour will be available for sale from today

Commenting on the arrival of the new fashion-forward color, Dinesh Sharma, Head - Mobile Business, ASUS India, said, "We are extremely happy to announce the launch of the Titanium edition – the ascetic colour smartphone is a testament to ASUS' focus on design, aesthetics and delivering the best to the consumer. We are obliged with the overwhelming response received for the ZenFone Max Pro M2 across the country and we are glad to offer our consumers all new colour variant that best complements their style."

The ZenFone Max Pro M2 is the first phone in its segment to use the flagship grade, latest and most premium Corning® Gorilla® Glass 6, with its 2.5D-curved front edges, ZenFone Max Pro M2 looks amazing with premium wave glass finish on the back. Powered by the mighty Qualcomm Snapdragon 660 Mobile Platform with AIE, incorporating the Qualcomm Al Engine, for smooth, responsive and power-efficient performance with Stock Android. Despite its sleeker design, ZenFone Max Pro M2 still contains a monster long-lasting 5000mAh battery and weights 175 gms only. The ZenFone Max Pro M2 sports the latest all-screen high-res 15.90cms (6.26) FHD+ (2280 x 1080) notch display with its 19:9 aspect ratio allowing even more immersive entertainment. Its features the smallest yet full-function notch which includes an LED flash, Camera, Earpiece, Notification LED, Ambient and Proximity sensors. The front camera has an f2.0 13MP camera with LED flash that lets you shoot amazing selfies even in dark scenes.

#### OPPO's F11 Pro with a power packed camera

OPPO's new F11 Pro will be coming with a 48 MP



dual rear camera, reaching a level of overall performance that exceeds the expectations of even the most demanding consum-

The new generation of a high-definition camera will provide the users with an impressive photo quality and viewing experience. It

opens a window to limitless creativity - from shooting photos to getting clear images in low light with the help of its Super Night Mode feature. It will bring the flawless everyday usability which consumers expects in their smartphones.

The Super Night Mode of the OPPO F11 Pro functions with OPPO's exclusive AI Ultra-Clear Engine which includes the AI Engine, Ultra-clear Engine, and Color Engine. The AI Engine and Ultra-clear Engine delivers the perfect Super Night Mode which intelligently recognises scenes and optimises the settings. It also helps in optimisation for image-stabilization during long exposure, low-light performance, and skin brightening. All these features will bring the best in class experience to the users and is all set to redefine the definition of photography within the Indian Smartphone market.

#### **HONOR View20 Embraces** the Artificial Intelligence (AI) Revolution



HONOR, a leading smartphone e-brand, is spearheading the use of AI with its latest flagship smartphone, HONOR View20. HONOR View20 showcases the benefits of leading AI features and stateof-the-art design for consumers. At the same time, enterprises expect AI to bring enormous opportunities for innovation for supply chains, according to a recent report by the Economist Intelligence Unit (EIU), positively impacting supply chains from production to product design.

The EIU white paper Prioritisation and Precision: How artificial intelligence and design thinking will transform technology production, sponsored by HONOR, was based on the findings of a survey of 325 technology hardware industry executives based in major manufacturing countries such as China, Japan, South Korea, Germany and the US. In the report, these executives expressed high hopes in AI as an agent of change in their industry, allowing for leaps in product design enabled by clearer and more efficient prioritization of customer needs.

## Smart Speaker shipments reached 78.0 million units worldwide



Amazon emerged as the top-shipping vendor, but only by one percentage point. It shipped 24.2 million of its Echo devices, while Google shipped 23.4 million of its Home speakers. Chinese vendors Alibaba, Xiaomi and Baidu, which only ship in China, rounded out the top five.

Amazon well-timed Echo lineup refresh, focusing on improved sound and aesthetics, proved popular during the holiday season, and helped Amazon grow 31% in Q4. With the updated Echo range already in place for 2019, Amazon is expected to switch gears to extend Alexa reach into areas such as automobiles via developers and ecosystem device vendors, said Canalys Senior Analyst Jason Low. Third parties that support Alexa are eagerly pursuing money-making and growth opportunities. If Amazon fails to support these companies, it could lead to waning commitment, which will be detrimental to the platform.



In Q4 2018, the Home Hub smart display became a highlight for Google. "Undercutting other smart displays at US\$149, the Google Home Hub has a short-term advantage," said Low. "Google quickly became the second largest smart display vendor in 2018 with just one quarter's shipments reaching 2.2 million units." Canalys estimates that, overall, smart display shipments reached 6.4 million units in 2018, accounting for 8.3% of the total smart speaker market. "The smart display category is relatively new. While its success is still far from proven, Chinese vendors will jump on the trend. But the category needs clear and strong use-cases beyond low prices to drive demand.



Canalys estimates that around 80% of the global smart speaker market is dominated by Internet service providers and software companies. "Leading smart device vendors, such as Samsung, Huawei and Apple, have failed to capitalize on the growth of smart assistants for home use. They will risk further loss of control, not only over the smart home segment, but in other areas, such as in-car and at-work scenarios, where smart assistant use and voice enablement are expected to increase in penetration and adoption rates. Hardware vendors must quickly pick the right user scenarios and form smart assistant strategies aimed at creating new use-cases for the intended scenarios. First-mover advantage is vital in the world of smart assistants, and the first to establish a user base in an important area will secure long-term success," Said Low.

## Mobile Money Industry Processed US\$1.3 Billion in Transactions Per Day in 2018



The GSMA unveiled its eighth annual 'State of the Industry Report on Mobile Money', offering a current snapshot of the mobile money landscape and highlighting the impact that greater financial inclusion has on lives, economies and innovation. especially in emerging markets. The report provides a comprehensive picture of mobile money adoption and usage around the globe. At the end of 2018, there were more than 866 million registered accounts in 90 countries - a 20 per cent increase from 2017. The report also shows that the mobile money industry processed transactions worth US\$1.3 Billion per day in 2018, with digital transaction values growing at more than twice the rate of cash transactions, indicating that cash is becoming less central to customers' lives.

"Our research shows that for the world's most vulnerable, the benefits of mobile money are real and wide-ranging. Throughout 2018, the GSMA has continued to support operators in reaching customers that have traditionally been underserved by the financial system," said Mats Granryd, Director General, GSMA. "The mobile money industry is fast-evolving against a backdrop of increasing internet access and smartphone adoption, and now more than ever, mobile's unparalleled global scale provides a tremendous opportunity to reach the 1.7 billion people who remain financially excluded." This year's State of the Industry Report looks at how providers are navigating this dynamic and shifting ecosystem which was shaped by key trends in 2018 including:

- > An enhanced customer experience owing to increased smartphone adoption and the expansion of mobile money interoperability;
- ➤ Diversification of the payments ecosystem;
- > The introduction of increasingly complex regulation: and
- ➤ A shift towards a "payments as a platform" business model connecting consumers and businesses with a range of third-party services.

This new platform-based approach aims to strengthen mobile money to meet the evolving needs of customers, from enterprise solutions for micro-, small- and medium-sized enterprises, to e-commerce, credit, savings and insurance. The opportunity to increase and diversify revenue streams and reach new and broader customer bases is compelling. For example, providers offering credit, savings or insurance products reported that 46 per cent of customers are actively using the mobile money service, compared to customer activity rates of 26 per cent for providers without such offerings. Other important developments in 2018 included reforms in Africa's three most populated countries, Egypt, Ethiopia and Nigeria, which are expected to spark a wave of adoption which could lead to more than 110 million new mobile money accounts being added over the next five years.

## **D-Link Launches DGS-3130 Series Lite Layer 3 Stackable Managed Switches**



D-Link announced the availability of its new generation of Lite Layer 3 Managed Gigabit Switchesthe DGS-3130 series in India. The switches are available in 24 or 48 10/100/1000BASE-T Mbps or SFP Gigabit Ethernet port models, including two models with full PoE support to provide a complete 10G managed switch portfolio. The series is the first on the market with six built-in 10G stacking/uplink ports providing high physical stacking bandwidth (up to 9 switches with 80G bandwidth) and flexibility with a variety of port combinations. Three software images are combined into a single, unified software image to provide powerful

Layer 2 and Layer 3 features necessary to fulfill a wide range of different application requirements. The DGS-3130 series offers reliability and complete management options. RJ-45 console/management ports provide out-of-band Web UI access. A dedicated management port that is separate from data ports continues to function even during traffic congestion, equipment malfunction, or network attacks. All models in the series also feature built-in, high-capacity 6kV surge protection, which effectively protects the switches against damage from electrical surges and lightning strikes.

#### BIOSTAR Launches Gaming-Ready A10N-8800E SoC Motherboard with AMD Carrizo and AMD Radeon™ R7 Graphics



BIOSTAR, a leading manufacturer of motherboards, graphics cards, and storage devices, launches the gaming-ready A10N-8800E SoC motherboard. The BIOSTAR A10N-8800E sports a compact mini-ITX form-factor, perfect for small-form-factor gaming PCs and HTPCs. The A10N-8800E packs a powerful Carrizo architecture-based AMD FX-8800P quadcore processor with an integrated AMD Radeon R7 Graphics for superb processing performance, power efficiency and game-ready graphics. The A10N-8800E supports dual-channel DDR4 memory,

up to a speed of DDR4-2133 and a maximum capacity of 32GB (2x16GB). The motherboard also packs 1 x M.2 Key M 16Gbps slot for high-performance PCIe NVMe M.2 solid-state drives.

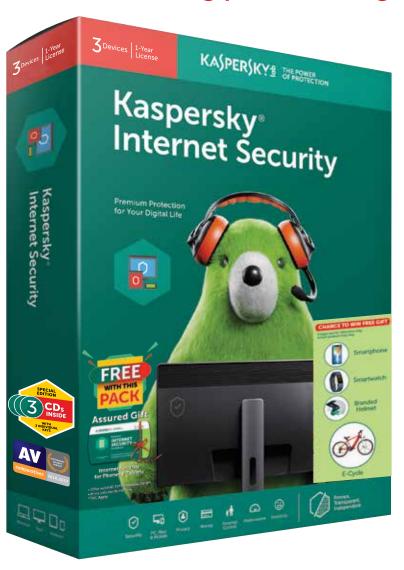
The BIOSTAR A10N-8800E features the Carrizo architecture, an integrated AMD APU with an integrated Southbridge controller block for the I/O port, making this a truly full integrated System-On-Chip solution. The AMD Radeon  $^{\text{TM}}$  R7 Graphics is a 25W low-power integrated GPU that delivers immersive gaming graphics superior to Intel's integrated graphics counterpart.



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