

PERSONAL COMPUTER TODAY

MONTHLY

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A NEW CHAPTER BEGINS FOR PERSONAL COMPUTER TODAY

For years, **Personal Computer Today** has proudly served the technology community through its Gujarati publication, delivering trusted news, insights, and updates from the worlds of CCTV Surveillance, Security Systems, Information Technology, and Digital Innovation.

Today, we are excited to announce a significant milestone in our journey.



STARTING JULY 2026,
PERSONAL COMPUTER TODAY
WILL BE PUBLISHED IN ENGLISH.

As technology continues to break boundaries and connect businesses globally, we believe it is time for our magazine to reach a wider audience.

This transition will allow us to connect with technology professionals, industry leaders, manufacturers, distributors, system integrators, startups, and innovators not only across Gujarat but throughout India and beyond.

While the language is changing, our mission remains the same—to provide accurate, relevant, and industry-focused content that helps businesses and professionals stay ahead in a rapidly evolving digital world.

WHAT YOU CAN EXPECT

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- ✓ Exclusive Industry Interviews
- ✓ Verified News from the Digital World



This transformation is not just about a change in language—it is about creating greater opportunities for knowledge sharing, business growth, networking, and brand visibility.



For advertisers and industry partners, the English edition will offer broader reach, stronger exposure, and access to a larger technology-focused audience.



We sincerely thank our readers, advertisers, contributors, and well-wishers for their continuous support throughout our journey. Your trust has helped us grow, and we look forward to taking this next step together.

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Durability lies at the core of this SD card's design. It is built to endure a wide range of challenging environments, offering resistance to water, extreme temperatures, physical impact, and even X-ray exposure. Such ruggedness makes it an ideal companion for diverse shooting scenarios—from dynamic outdoor events and demanding sports coverage to controlled studio settings giving imaging professionals the confidence to operate in

various conditions without compromising on performance. The V60 speed class certification ensures consistent and stable operation, particularly vital for high-bitrate video recording such as 4K and beyond. Additionally, the card excels in high-speed continuous shooting modes, allowing photographers to capture rapid-action sequences with precision and clarity. Its broad compatibility with leading

professional cameras and recording equipment further extends its utility across different imaging setups and creative applications. By uniting high-speed data handling, exceptional endurance, and user-friendly operation, the HIKVISION CAPTURE UHS-II V60 SD Card establishes itself as a trustworthy and versatile storage partner for content creators. It enables photographers and video creators to pursue their artistic vision with greater efficiency and reliability, providing the assurance needed to focus wholly on producing exceptional visual content.

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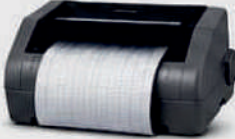
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SAMSUNG REPORTEDLY PLANS TO LAUNCH GALAXY BOOK MODELS WITH ANDROID-BASED ONE UI 9 SOON

Google recently began hiring people for its Aluminium OS project, which aims to build an Android-based OS for laptops and desktops with AI-powered tools, as a replacement for its ChromeOS. However, the Mountain View-based tech giant has yet to officially announce the anticipated launch of its Aluminium OS-based devices. Now, it appears that the South Korea-based tech conglomerate, Samsung, has started working on a new Galaxy Book lineup, which will run on an Android-based One UI version. The purported Android-based Galaxy Book series could mark a wider transition for OEMs from Windows PCs to alternative operating systems.



Future Samsung Galaxy Book Models Could Run Android 17-Based One UI 9. A report by SamMobile claims that the South Korea-based tech giant is currently developing a new Galaxy Book lineup, which will run on Android. The laptops will reportedly ship with One UI 9, which is expected to be based on the upcoming Android 17

update. Moreover, the company is said to be working on three Android-based Samsung Galaxy Book models, which will likely include a low-cost variant, a mid-range model, and lastly a flagship variant, similar to the company's Ultra, Pro, and standard Galaxy Book 6 models. The flagship model in the

rumoured Android-based Samsung Galaxy Book lineup is expected to boast a thin form factor. The report adds that Samsung could change the design of the laptop to better compete with Apple's new MacBook Neo. Samsung will reportedly integrate various Galaxy AI features into the upcoming Android-based laptops, which can be found on smartphones, smartwatches, and tablets. Additionally, the new Android 17-based One UI 9 version, built for future Galaxy Book models, is said to ship with an "improved version" of Samsung DeX, which will reportedly offer enhanced productivity, along with improved integration with DeX on Galaxy smartphones and tablets.

While the company has yet to confirm the launch of the new Android-based Galaxy Book models, the report suggests that Samsung is expected to launch these laptops by the end of 2026. This comes months after Google began hiring for its Aluminium OS project in November 2025, confirming that the new Android-based OS for laptops and desktops is currently under development. Google's Aluminium OS is expected to replace ChromeOS, while bringing various AI-powered tools to PCs. Moreover, Qualcomm is reportedly developing Snapdragon X and Snapdragon X Elite chipsets for PCs, which will support Android 16.

WHATSAPP LAUNCHES BUSINESS AI WITH AUTOMATED CUSTOMER SUPPORT FOR SMALL BUSINESSES IN INDIA

WhatsApp has announced a new feature aimed at providing customer support using artificial intelligence (AI). Dubbed Business AI, it is being introduced within the WhatsApp Business app. As per the Meta-owned platform, Business AI can help businesses automate customer interactions, respond to queries around the clock, and drive sales. It does not require any additional software or third-party tools. Business AI supports all native Indian languages and is geared towards small and medium-sized businesses. WhatsApp Business AI Features, Availability. According to Meta, Business AI on WhatsApp can be customised using a business's own information, including product catalogues and profile details. Once set up, the AI assistant can automatically respond to customer queries related to products, pricing, discounts, shipping, appointments, and services. The feature will soon get support for UPI payments within WhatsApp chats, too. Businesses will additionally



be able to manually take over conversations whenever required, particularly in cases involving complex or personalised customer requests. Citing a 2025 Kantar study claiming that 91 percent of online adults in India interact with businesses weekly through messaging platforms, Meta said WhatsApp has increasingly become central to communication between businesses and customers in the country. "With the introduction of Business AI on WhatsApp, we're now putting that power directly into the hands of small businesses — ensuring they never miss a customer query outside business hours

or struggle to keep up during peak demand," Ravi Garg, Director Business Messaging, Meta India, said in a statement. WhatsApp may be working on bringing its Liquid Glass design to the chat interface, continuing its broader visual refresh on iOS. The update is expected to introduce a cleaner look with translucent elements, layered depth effects, and smoother animations. While parts of the app have already started adopting this design, the chat screen still follows the older layout. Early details suggest WhatsApp is aiming for a more consistent experience across the app, but the feature is still in development and not yet available for

testing. WhatsApp Liquid Glass Update Could Redesign Chat Experience. A new post reveals how the upcoming changes to WhatsApp's design could extend the Liquid Glass design to the chat screen, according to WABetaInfo. This includes updates to key areas like the chat bar and navigation bar. Although the feature is not live yet, early previews give a sense of how the updated interface might look. The rollout of the Liquid Glass UI is still gradual, according to the report. Not all users have received it yet, and even where it is available, the chat screen has not fully adopted the new design. This suggests WhatsApp is still refining the experience and checking performance before expanding it further. The navigation bar in WhatsApp may also see a redesign. Reports suggest it could become transparent, allowing parts of the chat and wallpaper to remain visible underneath. Alongside the chat interface, WhatsApp is also said to be working on other elements,

such as a voice note player that fits the same design style. The wider rollout of Liquid Glass may depend on these updates being ready. Once testing is complete, the updated chat interface is expected to reach beta users first before a broader release. Several businesses participating in the early rollout have already reported benefits from the feature. Plant-based personal care brand Soil Concept said it was previously losing customers when queries arrived late at night. Meanwhile, customised gifting business The Purple Sunset said the AI assistant helped it manage daily customer conversations more efficiently. Eligible businesses can access the feature by navigating to the Tools tab within WhatsApp Business and selecting Your Business AI to begin the setup process. Businesses will also be able to adjust AI behaviour or disable the feature entirely if needed. Meta says Business AI on WhatsApp will roll out to eligible businesses in India over the coming weeks.

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UV BUSINESS SYSTEM OPENS NEW EXPERIENCE CENTER IN AHMEDABAD: USHERING IN THE ERA OF SMART INTERACTION



Ahmedabad, 23rd May 2026
UV Business System, Gujarat's trusted AV & Interactive Display specialist, announced the grand opening of its new flagship office and Experience Center at Shed A-3/4, New Science City Road, Near Fungrito Amusement Park, Ognaj,

Ahmedabad-380060. The inauguration marks a major milestone in the company's mission to power "Smart Interaction" across Education, Corporate, Healthcare, and Government sectors with world-class solutions from LG, BenQ, PeopleLink, BOSE, and JBL.

The inauguration was graced by Mr. Hemendu Sinha, Business Head & Advisor – LG Electronics India Limited, and Mr. Dineshbhai Godhasara, Chairman and Mentor - UV Business System along with key partners, educators, and system integrators from

across Gujarat. Hybrid learning and digital boardrooms are no longer future trends – they're today's reality," said Mr. Krunal Godhasara - Business Head - UV Business System. "NEP 2020 highlights the role of technology in improving learning experiences and

outcomes. It envisions the creation of a National Educational Technology Forum (NETF), which will foster the use of technology in education, enhance e-learning platforms, and facilitate a blended learning approach.

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On this auspicious and meritorious occasion of the

holy Purushottam Mas, there is a special significance placed on devotion, service, Satsang, and remembrance of the Lord. Connecting with the Almighty and experiencing divine grace during this sacred time makes life truly blessed. Team SSSA has arranged "SHRINATHJI BAWA NI ZANKHI" at

Pramukhswami Auditorium, Raiyareod, Rajkot on 31-5-2026.2 PM to 7 PM.

It was with immense joy and deep devotion the beloved of Vrindavan more than 400 SSSA members and their families joined this pious celebration together. On this sacred and divine occasion, Rajkot's renowned singer

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સોશિયલ મીડિયા પ્લેટફોર્મ બાબતો અને કિશોરોના માનસિક સ્વાસ્થ્યને નુકસાન પહોંચાડી રહ્યા હોવાના આરોપો હવે કાનૂની સ્વરૂપ ધારણ કરી રહ્યા છે. અમેરિકામાં એક મહત્વપૂર્ણ કેસમાં ફેસબુક, ઇન્સ્ટાગ્રામ, સ્નેપચેટ, ટિકટોક અને યુટ્યુબ જેવી ડિગ્ગજ કંપનીઓએ કન્ટ્રીના એક સ્કૂલ ડિસ્ટ્રિક્ટને ર.૭ કરોડ ડોલર ચૂકવીને કેસ સેટલ કર્યો છે.

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● સ્નેપ (સ્નેપચેટ) : ૮૦ લાખ ડોલર
● બાઈટડાન્સ (ટિકટોક) : ૮૦ લાખ ડોલર
● ગૂગલ (યુટ્યુબ) : ૨૦ લાખ ડોલર રોકડ - ૮ લાખ ડોલરના ટ્રેનિંગ સોફ્ટવેર ગૂગલ તેના સોફ્ટવેર લાયસન્સ અને ટ્રેનિંગ પ્રોગ્રામ દ્વારા વિદ્યાર્થીઓના માનસિક સ્વાસ્થ્ય અને શીખવાની ક્ષમતા વધારવામાં મદદ કરશે. જોકે, આ સમાધાનનો અર્થ એ નથી કે કંપનીઓએ પોતાની ભૂલ સ્વીકારી છે.

શા માટે આ નિર્ણય મહત્વનો છે?

આ સમાધાન સોશિયલ મીડિયા કંપનીઓ માટે એક મોટી ચેતવણી છે. અગાઉ પણ

મેટા અને ગૂગલને તેમના પ્લેટફોર્મની લત લગાવતી પ્રકૃતિ માટે જવાબદાર ઠેરવવામાં આવ્યા છે. લોસ એન્જલસ અને ન્યૂ મેક્સિકોના કાનૂની નિર્ણયો દર્શાવે છે કે ટેક કંપનીઓ હવે બાળકોની સુરક્ષાને લઈને વધુ જવાબદાર બની રહી છે.

રાજ્ય અને કેન્દ્ર સ્તરે દબાણ

માત્ર એક સ્કૂલ ડિસ્ટ્રિક્ટ જ નહીં, પરંતુ અમેરિકાના ૩૦થી વધુ રાજ્યો પણ મેટા વિરુદ્ધ કાનૂની લડાઈ લડી રહ્યા છે. આગામી સમયમાં જ્યારે આ ૧૨૦૦થી વધુ કેસની સુનાવણી થશે, ત્યારે આ સમાધાન એક મજબૂત આધાર તરીકે કામ કરશે અને અન્ય કંપનીઓ પર પણ સેટલમેન્ટ કરવાનું દબાણ વધારશે.

આઈફોન યુઝર્સ માટે Apple એ બહાર પાડ્યું નવું iOS અપડેટ : યુઝર્સની સૌથી મોટી ચાંજિંગ સમસ્યા હવે દૂર થશે



Appleએ આઈફોન યુઝર્સ માટે નવું iOS ૨૬.૫.૧ અપડેટ રોલઆઉટ કરી દીધું છે. આ અપડેટ ખાસ કરીને તાજેતરમાં લોન્ચ થયેલા iPhone Air અને iPhone 17 સિરીઝના મોડલ્સમાં જોવા મળેલી ચાંજિગની મોટી સમસ્યાને ઠીક કરવા માટે લાવવામાં આવ્યું છે. કંપનીના જણાવ્યા અનુસાર, ઘણા યુઝર્સને તેમના આઈફોનની બેટરી સંપૂર્ણપણે ખતમ થઈ ગયા બાદ

વાયર્ડ ચાંજિંગ શરૂ કરવામાં ભારે મુશ્કેલી પડી રહી હતી, જે આ નવા અપડેટથી દૂર થઈ જશે. આશરે ૩ અઠવાડિયા પહેલાં આવેલા iOS ૨૬.૫ અપડેટ બાદ કંપની દ્વારા બહાર પાડવામાં આવેલું આ નવું વર્ઝન એક અત્યંત મહત્વપૂર્ણ બગ ફિક્સ માનવામાં આવી રહ્યું છે. બેટરી ડેડ થયા બાદ આઈફોન ચાર્જ થતો નહોતો

એપલના સત્તાવાર રીલીઝ નોટ્સ અનુસાર, iOS ૨૬.૫.૧ અપડેટ તે ચોક્કસ બગને દૂર કરે છે જેના કારણે અમુક iPhone Air અને iPhone 17 મોડલ્સમાં બેટરી લગભગ સંપૂર્ણપણે ખતમ થઈ ગયા પછી USB Type-C વાયર્ડ ચાર્જર કનેક્ટ કરવા છતાં ચાંજિંગ શરૂ થતું નહોતો.

રિપોર્ટ અનુસાર જ્યારે યુઝર્સનો ફોન સ્વિચ ઓફ થઈ જતો, ત્યારે ચાર્જર લગાવ્યા બાદ પણ સ્ક્રીન સંપૂર્ણ બ્લેક જ રહેતી હતી. સામાન્ય રીતે દેખાતો લો-બેટરી સંકેત કે એપલનો લોગો પણ સ્ક્રીન પર દેખાતો નહોતો. આના લીધે યુઝર્સને એવું લાગતું હતું કે તેમનો લાખો રૂપિયાનો ફોન ડેડ થઈ ગયો છે અથવા સિસ્ટમ કોઈ રિસ્પોન્સ નથી આપી રહી.

યુઝર્સ ઓલ્ટરનેટિવ ચાંજિગનો સહારો લેવો પડ્યો હતો સોશિયલ મીડિયા અને એપલ ફોરમ્સ પર ઘણા યુઝર્સે આ સમસ્યાની ફરિયાદ કરી હતી. કેટલાક યુઝર્સે ફોનને ફરીથી ચાલુ કરવા માટે ફોર્સ રીસ્ટાર્ટ (વોલ્યુમ અપ,

ડાઉન અને પાવર બટન)નો ટ્રાય કર્યો હતો, પરંતુ કોઈ ફાયદો થયો નહોતો. ચાંજિંગ કેબલ કે પાવર એડેપ્ટર બદલવા છતાં કે કમ્પ્યુટર સાથે કનેક્ટ કરવા છતાં ફોન ઓન થતો નહોતો. એક કિસ્સામાં તો યુઝરે પોતાના આઈફોનને ફરીથી જીવંત કરવા માટે વાયરલેસ ચાર્જરનો સહારો લેવો પડ્યો હતો.

આ રીતે કરો તમારો iPhone અપડેટ જો તમે પણ iPhone Air અથવા iPhone 17 સિરીઝ વાપરી રહ્યા છો અને આવી સમસ્યાનો સામનો કરી રહ્યા છો, તો તાત્કાલિક આ નવું અપડેટ ડાઉનલોડ કરી લેવું હિતાવહ છે.

● અપડેટ કરવાની રીત : સૌથી પહેલા આઈફોનના Settingsમાં જાઓ, ત્યારબાદ General પર ક્લિક કરો, Software Updateમાં જઈને Install Now પર ક્લિક કરો.

● અપડેટ સાઈઝ : iPhone 17 માટે આ અપડેટની સાઈઝ આશરે 12.71GBની આસપાસ જણાવવામાં આવી રહી છે.

નોંધનીય છે કે આગામી ૮ જૂનથી એપલની મોટી ઇવેન્ટ WWDC 2027 શરૂ થવા જઈ રહી છે, જેમાં કંપનીનું ધ્યાન iOS 27 તરફ શિફ્ટ થઈ જશે. તે પહેલાં iOS 26 સીરીઝ માટે આ બગ ફિક્સ અપડેટ યુઝર્સ માટે મોટી રાહત સમાન છે.

:: અગત્યની સુચના ::

અમારા માનવંતા વાચક મીત્રો -વિજ્ઞાપન દાતાઓ લવાજમ દારકો તથા શુભેચ્છકોને જણાવવાનું કે હવેથી પર્સનલ કોમ્પ્યુટર ટુ ડે નો તમામ પ્રકારનો પત્રવ્યવહાર સુચનો ફરીયાદો અમને અમારી નીચેની ઓફીસના સરનામે જ મોકલજો.

:: રજી. ઓફીસ ::

પર્સનલ કોમ્પ્યુટર ટુ ડે “લવાની ફૂપા”, રઘુવીર પાર્ક બંધ શેરી, ડો. રંગાણી હોસ્પીટલની સામે, ન્યુ. આશ્રમ રોડ, કુલાડવા રોડ પાસે, રાજકોટ - ૩૬૦ ૦૦૩

:: સુચના ::

અમારા વહાલા વાચકમિત્રોને આથી જાણ કરવામાં આવે છે કે આ મેગેઝીનમાં પ્રસીદ્ધ થતાં લેખો કે મંતવ્યો જે તે લેખકોના છે. પ્રકાશન આ બાબત સાથે સહમત છે કે અસહમત છે તેમ ન માનવું. તથા આ પ્રકાશનમાં પ્રસીદ્ધ થતી જાહેરખબરો - સેવા કે ઉત્પાદનો અંગેની માહિતીની અમે કોઈ ચકાસણી કરતા નથી. તો આ બાબતે નાણા મોકલતા કે તે સેવાનો ઉપયોગ કરતા પહેલા અધિકૃત વ્યક્તિની સલાહ લેવી જરૂરી છે. આ બાબતની કોઈપણ જાતની ફરીયાદ કે દાવા અંગે પર્સનલ કોમ્પ્યુટર ટુ ડે ની જવાબદારી રહેશે નહીં.

વાઈલ્ડ લાઈફ અને જંગલોની સુરક્ષામાં AI કઈ રીતે મદદ કરી શકે છે

આર્ટિફિશિયલ ઇન્ટેલિજન્સ (AI)ની આધુનિક ટેકનોલોજી પર્યાવરણ અને વન્યજીવ સંરક્ષણ ક્ષેત્રે ક્રાંતિકારી પરિવર્તન લાવી રહી છે. સેટેલાઈટ ઇમેજિસ, કેમેરા-ટ્રેપ ફોટોઝ, અવાજના રેકૉર્ડિંગ્સ અને સેન્સર્સ દ્વારા મળતા ડેટાનું AIની મદદથી ખૂબ જ ઝડપી અને સચોટ વિશ્લેષણ શક્ય બન્યું છે. આનાથી વન્યજીવોની દેખરેખ, વૃક્ષોનું નિકંદન અટકાવવા અને પર્યાવરણીય જોખમો સામે આગોતરી ચેતવણી આપતી સિસ્ટમને વધુ મજબૂત બનાવી શકાય છે.

પર્યાવરણ સુરક્ષા અને વન્યજીવોના મોનિટરિંગમાં AI નીચે મુજબના મહત્વના પાસાઓ દ્વારા મદદરૂપ બની શકે છે

૧. રિયલ-ટાઈમ વન્યજીવ મોનિટરિંગ

AI સંચાલિત સાધનોની મદદથી જેમ કે TrailGuard AI કેમેરા ટ્રેપ્સ દ્વારા પ્રાણીઓને તરત ઓળખીને વન વિભાગના કર્મચારીઓને એલર્ટ મોકલી શકાય છે. ભારતમાં વાઘ જેવા લુપ્ત થવાના આરે ઉભેલા સંવેદનશીલ વન્યજીવોની સુરક્ષામાં આ ટેકનોલોજી આશીર્વાદરૂપ સાબિત થઈ રહી છે. શિકાર જેવા સંભવિત જોખમો સામે રિસ્પોન્સ ટાઈમને ઘટાડી શકાય છે અને પરિણામે કન્ઝર્વેશન ટીમો સમયસર પગલાં



ભરી શકે છે.

૨. સેટેલાઈટ ઇમેજિસ દ્વારા વનનાબૂદની ઓળખ

મશીન લર્નિંગ અલ્ગોરિથમ્સ સેટેલાઈટથી મળતી તસવીરોનું વિશ્લેષણ કરીને જંગલના વિસ્તારોમાં થતા ફેરફારો, વૃક્ષોનું ગેરકાયદેસર નિકંદન અને શહેરી વિસ્તરણ પર બારીકાઈથી નજર રાખી શકાય છે. આ ક્ષમતાના કારણે સંરક્ષણ ટીમો વિશાળ જંગલોમાં ક્યાં હેરફેર થઈ રહી છે તેનું મોનિટરિંગ સરળતાથી કરી શકે છે. સમયસરની ઓળખ ઇકોસિસ્ટમ પર થતી નકારાત્મક અસરોને રોકવામાં અને

જૈવવિવિધતા જાળવવામાં મદદ કરે છે.

૩. અવાજના આધારે પ્રજાતિઓની ઓળખ જ્યાં માણસો માટે પહોંચવું મુશ્કેલ હોય તેવા દુર્ગમ વિસ્તારોમાં AI પ્રાણીઓ અને પક્ષીઓના અવાજના વિશાળ ડેટાને ફિલ્ટર કરીને તેમની પ્રજાતિઓ અને વર્તણૂકની પેટર્નને ઓળખી શકે છે. આ એકોસ્ટિક મોનિટરિંગ પદ્ધતિ કુદરતી વાતાવરણમાં કોઈપણ ખલેલ પહોંચાડ્યા વિના ક્યા ક્યા જીવો હાજર છે તેની સચોટ માહિતી આપી શકે છે અને તેનો ખૂબ જ અસરકારક ઉપયોગ કરી શકાય છે.

૪. લુપ્ત થવાના જોખમનું મૂલ્યાંકન

AI આધારિત પ્રિડિક્ટિવ મોડલ્સ વિવિધ પર્યાવરણીય પરિબલોનો અભ્યાસ કરીને એ કહી શકે છે કે ક્યા વિસ્તારમાં કઈ પ્રજાતિ લુપ્ત થવાનું જોખમ સૌથી વધુ છે. આનાથી કન્ઝર્વેશન ટીમોને એ સમજવામાં સરળતા રહે છે કે ક્યા વિસ્તારમાં સૌથી પહેલા અને તાત્કાલિક બચાવ કામગીરી શરૂ કરવાની જરૂર છે, જેથી મર્યાદિત સંસાધનોનો યોગ્ય જગ્યાએ ઉપયોગ થઈ શકે.

પર્યાવરણ સંરક્ષણમાં મદદરૂપ થતા મુખ્ય AI ટૂલ્સ

● Google Earth Engine & Microsoft Planetary Computer: મોટા પાયે સેટેલાઈટ એનાલિસિસ અને જિયોસ્પેશિયલ ડેટા પૂરો પાડે છે.

● Wildlife Insights: કેમેરા-ટ્રેપમાં કેદ થયેલી તસવીરોનું વર્ગીકરણ કરે છે.

● Rainforest Connection : જંગલોના અવાજ પર નજર રાખે છે.

● ArcGIS : ડ્રોન મેપિંગ અને ઇમેજરી એનાલિસિસમાં મદદ કરે છે.

● TensorFlow / PyTorch : ચોક્કસ પ્રકારના પર્યાવરણીય પ્રોજેક્ટ્સ માટે કસ્ટમ મોડલ તૈયાર કરવામાં ડેવલપર્સને મદદરૂપ બને છે.



Mr. KEYUR NAVAPARA
PRESIDENT - SCA

SURAT COMPUTER ASSOCIATION HOSTS GRAND 'MILAP 2.0' BLENDING FAMILY BONDING WITH B2B BUSINESS NETWORKING



MR. UDAYKUMAR BHOJANI
EDITOR - PCT Magazine
MEDIA PARTNER - SCA



The Surat Computer Association (SCA), a leading organization in the IT and technology sector, recently organized a magnificent family-cum-business event titled 'Milap 2.0'. The unique initiative was designed to foster closer ties among the

families of the association's members while simultaneously unlocking new horizons for business growth. The event witnessed enthusiastic participation from members along with their families. A Powerhouse of Business & Technology (B2B Stalls): To drive business networking and collaboration, specialized B2B stalls were set up at the venue. Renowned IT brands, corporate companies, and leading distributors showcased their latest tech innovations, hardware,

software solutions, and security products. Live Product Demos for Future Growth: The exhibition provided a golden opportunity for SCA members to upgrade their industry knowledge. Attendees actively took live product demonstrations and engaged in direct discussions with manufacturers and distributors. This direct interaction is expected to streamline supply chains and significantly boost the IT trade in Surat in the coming days. Strengthening Community and Family

Bonds: Beyond business, 'Milap 2.0' offered a vibrant, celebratory environment filled with entertainment and interactive activities for families. Stepping away from their daily hectic routines, members spent quality time getting to know each other's families, strengthening the community spirit of the association. Speaking on the occasion, the leadership team of the Surat Computer Association stated, "The core objective of Milap 2.0 was not just to expand business networks, but to unite our



MEDIA PARTNER - SCA

entire association as one big family. Events like this infuse fresh energy and solidarity into our community." The event concluded on a high note, owing to the seamless execution and hard work of the SCA management committee.

INDIA CLAMPS DOWN ON CHINESE CCTV WITH EMPHASIS ON SECURITY

The Centre is looking to immediately operationalise its order that will likely weed out Chinese vendors from the supply chains of all forms of surveillance equipment in the aftermath of the recent coordinated pager explosions in Lebanon, multiple sources aware of the development told ET. The move is set to benefit local companies.

· Of the two separate gazette notifications that came out in March and April, one revolved around 'Make in India' guidelines for surveillance cameras and another was on the criteria for CCTV certification.

· CP Plus, Hikvision and Dahua control more than 60% of the market in India.

· The Federal Communications Commission (FCC), banned the sale of equipment from Hikvision and Dahua due to "unacceptable risks to national security".

· The Indian government has been rejecting Chinese CCTV equipment tenders and has been preferring European players like Bosch. Notably, it is estimated that Bosch is around 7-10x more expensive than its Chinese counterparts.

"In light of the pager explosions, critical sourcing of certain components or parts of the supply chain will be looked at in a big way by the government," one top industry source cited above said. "The government's policy on surveillance cameras is likely to come into effect on October 8. Once it comes out, all the Chinese players will be out of the picture, and Indian companies are likely to gain."



While the gazette notifications came out in March and April this year, sources said the government has accelerated its implementation and sharpened its focus on security after the Lebanon explosions. The government is set to fast-track the implementation of guidelines on CCTV cameras, which will allow players from "trusted locations" to sell in India.

"The emphasis on CCTVs predates the pager explosions. "The guidelines on security certification were issued in March and will come into effect in October. It is less about explosions and more about leakage of data that includes sensitive data as CCTV cameras are also installed at sensitive locations and can be used to track movements of people. You do not want to be using cameras that are not made in trusted locations—and for that purpose."

Visibility & Control

This person said a 'trusted location' would be one where New Delhi has visibility on the entire manufacturing chain and is convinced that the manufacturing chain is 'okay' and that there are 'no backdoors' in the equipment, which will either leak or take

data out. While this person ruled out a "rip and replace" policy at this point, he said it was something that could be in the works eventually.

Of the two separate gazette notifications that came out in March and April, one revolved around 'Make in India' guidelines for surveillance cameras and another was on the criteria for CCTV certification. The orders from the government laid the foundation for changes in procurement of surveillance systems in India and placed a strong focus on promoting make in India products in the surveillance market.

"There is an order that to 'Make in India', these are the implications—that is one part of it," this person explained. "The second order relates to what can be sold in India—what are the security standards of equipment that can be sold here. So, there are security standards that are being prescribed for that. In addition to the BIS (Bureau of Indian Standards) quality assurance requirements, the government is adding security as one more factor that needs to be considered."

R&D Investments

"Currently, CP Plus, Hikvision and Dahua control more than 60% of the market in India

and they will have to step up their efforts in improving the localisation content in their surveillance portfolio and double down on R&D.

CP Plus is an Indian company while Hikvision and Dahua are Chinese players. It is important to note that in November 2022, the United States government, through the Federal Communications Commission (FCC), banned the sale of equipment from Hikvision and Dahua due to "unacceptable risks to national security".

The FCC declared the companies a threat to national security after concerns that their equipment could be used by China to spy on the US.

Those in the know also said that lately, the Indian government has been rejecting Chinese CCTV equipment tenders and has been preferring European players like Bosch. Notably, it is estimated that Bosch is around 7-10x more expensive than its Chinese counterparts.

What the new security requirements focus on The new certification requirements aim to ensure that CCTV cameras do not expose users' networks to cyber threats. The rules require that devices do not contain hardcoded credentials or hidden backdoors. They must also include secure firmware and update mechanisms, protect communications using strong encryption, and prevent tampering at both hardware and software levels.

In 2021, the government informed Parliament that around one million cameras

installed in government institutions were from Chinese companies. Officials also raised concerns about potential vulnerabilities and video data being transferred to servers located abroad.

More recently, during the Iran-US war, Tel Aviv-based security firm Check Point released research describing hundreds of hacking attempts targeting consumer-grade security cameras across the Middle East. Many of these attempts were reportedly timed around Iran's missile and drone strikes on targets that included Israel, Qatar and Cyprus.

According to the research, Iran's military tried to use civilian surveillance cameras to spot targets, plan strikes or assess damage during attacks carried out in response to US and Israeli bombings in the region.

There are also reports suggesting that the Israeli military had accessed "nearly all" traffic cameras in Iran's capital, Tehran, and, in partnership with the Central Intelligence Agency, used them to target the air strike that killed Ali Khamenei, Iran's supreme leader.

In addition, Russia and Ukraine have also accused each other of hacking consumer surveillance cameras to track troop movements and guide strikes.

These threats are considered real and could emerge as a security challenge for India as well. In recent months, authorities in India have also arrested several people accused of spying on sensitive installations.

AMAZON NOW EXPANDS TO MORE INDIAN CITIES WITH NEW MICRO WAREHOUSES

Amazon is all set to expand its 10-minute delivery service, Amazon Now, to customers in 100 cities across India. The quick commerce service, which was previously limited to select Indian cities, operates through micro-fulfilment centres (MFCs) situated in each locality. It offers quick delivery of groceries, personal care, fashion, beauty products, and small appliances. The wider rollout of the service will help the brand compete more aggressively with other quick-commerce leaders like Blinkit, Swiggy Instamart, and Zepto.

Amazon Now Reaches New



Cities

In a press release, Amazon announced that Amazon Now was expanding to 100 cities across India. The company is setting up 1,000 micro-fulfilment centres to fuel this growth. Amazon claims that

the latest move will assist more than 16,000 farmers to sell their products directly to customers through sellers on the platform.

With the latest expansion, customers in cities like Kochi, Pune, Hyderabad, Chennai,

Kolkata, Jaipur, Lucknow, and Ahmedabad will be able to use the fast delivery service. Users in these cities can open the Amazon app and look for the "Now" icon on the top banner to check if the service is available in their area. It already exists in places like Mumbai, Delhi-NCR, and Bengaluru.

Amazon Now sells different products across groceries, personal care, fashion and beauty products, small appliances, baby products, pet supplies, and healthcare supplements. The products are claimed to be delivered in a few minutes after receiving the order.

The expansion is part of Amazon's investment of over Rs. 2,800 crore. The company says it aims to strengthen associate safety, health, and financial well-being alongside scaling operations infrastructure across India with this investment.

Amazon Now started its operations in Mumbai and Bengaluru last year. With this move, Amazon is stepping up competition in India's fast-growing quick-commerce market. The e-commerce giant is competing with Zepto, Swiggy Instamart, Blinkit, Flipkart Minutes and BB Now in this space.

THE EDGE OF TOMORROW TAKES SHAPE AT HP

The tech industry has long centered on the cloud as the primary hub for computing and data. At HP Imagine 2026 in New York last week, HP made a clear case for pushing more of that intelligence to the edge, emphasizing AI workloads running locally on devices and enterprise workstations.

This shift reflects a broader transition in enterprise AI. Rather than experimenting with standalone tools, companies are beginning to integrate AI directly into workflows and devices. HP's vision centers on AI running locally as part of everyday computing, rather than as a remote service accessed through the cloud.

Let's look at what HP introduced at Imagine 2026 and what it signals for enterprise computing. We'll close with my Product of the Week, the HP EliteBook 6 G2q, which showcases how the company is positioning its next-generation AI PCs.

Leadership Shift and Execution

Before diving into the hardware, it's worth noting HP's internal transformation. Leadership changes, including a new CEO and a streamlined structure, typically raise questions about execution. At Imagine 2026, HP focused on showing progress rather than addressing those concerns directly.

While competitors like Dell and Lenovo continue to emphasize general-purpose AI PCs, HP is leaning more heavily into domain-specific use cases. The company argues that AI models will increasingly be tailored to specific industries and workflows and is positioning its portfolio accordingly.

HP is also trying to balance its reputation for reliability with newer initiatives like Google Beam and edge-based AI systems. That approach reflects an effort to modernize its portfolio while maintaining the security and compliance standards expected by enterprise customers.



The Economics of Edge AI

One of the more notable themes at the event was what HP described as the "AI tax" — the growing cost of running AI workloads in the cloud. The company framed this as a scaling issue, where API usage and infrastructure costs can rise quickly as more employees rely on AI tools.

HP's response is to run more inferencing on local devices. By running models on workstations and PCs rather than relying entirely on the cloud, the company argues that organizations can reduce both latency and ongoing usage costs.

The company is backing that strategy with more powerful hardware. HP pointed to systems like the ZBook Fury, with significantly higher AI processing capacity, and projected continued gains in on-device performance over the next several years. It also demonstrated large language models running locally on a workstation, underscoring its push toward keeping data and processing on-device.

This approach also aligns with growing interest in "sovereign AI," where organizations keep sensitive data and AI processing within their own infrastructure rather than relying on external cloud services.

One of the more fully developed areas HP focused on was its end-to-end ecosystem for Architecture, Engineering, and Construction (AEC) professionals. HP outlined a workflow designed to connect design, simulation, and on-site execution:

Model/Simulate: HP Workspace enables teams to upload changes and review

visual differences across design versions.

Design: Powered by the Z6i Fury AI workstation, which includes a modular design to support future hardware upgrades and larger GPU configurations.

Physical Execution: Designs can be output through DesignJet printers and extended to tools like the SitePrint robot, which translates plans directly onto construction surfaces.

The approach reflects HP's effort to connect hardware, software, and output devices into a more unified workflow. While competitors often focus on specific parts of that process, HP is building around a broader integrated stack for AEC environments.

3D Collaboration Without Headsets

Google Beam was a central collaboration announcement at the event, now part of HP's expanding portfolio. Rather than relying on VR headsets or AR glasses, the approach enables 3D communication without requiring users to wear additional hardware.

HP Dimension with Google Beam, expected later in 2026, aims to deliver a more immersive 3D communication experience. The system is intended to create a stronger sense of presence without requiring headsets, positioning it as an alternative to traditional video conferencing and more complex AR/VR setups.

If successful, this approach could appeal to organizations looking for more immersive collaboration without the cost and complexity of headset-based systems.

Vertical Innovation: Retail, Clinical, and Travel

HP is applying edge AI to specific industry use cases:

Retail: Systems can identify returning customers and provide staff with real-time insights to support more personalized service.

Clinical: Local inferencing can support more personalized patient insights and assist with treatment recommendations.

Travel: Partnerships aimed at improving real-time routing and identification could help streamline airport security and passenger flow — something many of us could have used recently.

These examples point to a broader shift from standalone features to measurable business outcomes. HP also projects that a growing share of AI inferencing will move to the edge over time. By combining hardware, software, and services, the company is working to play a larger role across that ecosystem.

HP IQ and On-Device AI

While much of the industry still relies on cloud-based assistants, HP IQ reflects HP's push toward a more local-first AI model.

Developed in part by a team led by former Apple and Humane designer Imran Chaudhri, HP IQ is built around a large local model that runs directly on the device. Rather than operating as a standalone app, it integrates across the system, supporting features like natural-language assistance and automated meeting notes.

HP IQ also integrates with HP NearSense, which enables nearby devices to detect and interact with one another. This allows users to move files, datasets, or presentations between devices more seamlessly in shared environments.

By prioritizing on-device processing, HP IQ helps reduce reliance on cloud resources while keeping sensitive data within local systems.

HP introduced updates across its enterprise

hardware lineup. The EliteBook 6 G2q is positioned as a flagship AI PC, with improved on-device processing and extended battery life. The company also called out potential gains in tasks like contract review using local AI.

Security was another focus area, with additions such as HP TPM Guard, which is designed to strengthen protections between hardware components and defend against more advanced physical and side-channel attacks. HP also introduced updates across its printer lineup, including features to address longer-term encryption and data protection concerns.

HyperX and Gaming Strategy HP has continued to expand its gaming presence under the HyperX brand. By shifting more of its peripheral focus from Omen to HyperX, the company is targeting a broader prosumer audience.

There is some overlap between high-performance workstations and gaming peripherals, particularly in areas like input precision and responsiveness. HP appears to be aligning these product categories to appeal to users who value performance across both work and personal use.

Wrapping Up: HP's Direction on Edge AI

HP Imagine 2026 highlighted the company's evolution beyond traditional PCs and printers toward a broader focus on platforms and AI-driven capabilities.

The strategy centers on integrating AI more directly into devices, reducing reliance on cloud infrastructure, and improving collaboration tools, while maintaining a strong emphasis on security and data control.

Despite recent leadership changes, HP is emphasizing execution and alignment around its edge AI strategy, positioning itself to support enterprises as they expand their use of AI across workflows and environments.

GOOGLE BEGINS TESTING NEW TOOLS TO WEBSITE OWNERS

Google is bringing new tools for website owners, giving them greater control over how their websites appear on the search engine. On Wednesday, the Mountain View-based tech giant announced that it has started testing new controls, which will allow website publishers to choose whether their website appears in Google's AI Overviews, AI Mode in Search, and AI Overviews in

Discovery, depending on user preferences. The new toggle will appear in the Search Console, along with other website tools. Along with this, the company has started rolling out new insights for website operators, which will also appear in the Search Console.

Google's Search Console Will Show New Controls, Insights Soon

In a blog post on Wednesday,

the US-based tech giant announced that it has started a new tool that allows website owners to decide whether they want their websites to appear on Google's AI Overviews, AI Mode in Search, and AI Overviews in Discovery, based on their preferences and the user behaviour.

With the new tool, publishers can stop the links and content from their website from

appearing in AI-powered summaries integrated within Google's search interface. The company said that the toggle for the same will appear in the Search Console.

Apart from this, the Mountain View company has also announced that it has started rolling out new insights for website publishers in Search Console, which will highlight details regarding the

appearance of their webpages in its generative AI Search tools, including AI Overviews and AI Mode in Search.

The search giant will now provide impressions metrics, along with information about which webpages are displayed as part of the AI-generated responses and the names of the countries. The company plans to introduce new metrics "over time".

AMD UNVEILS RYZEN 7 7700X3D, RADEON RX 9070 GRE; EXTENDS AM5 SUPPORT TO 2029



AMD announced a series of new processors and platform updates ahead of Computex 2026. The US-based company's latest lineup includes the Ryzen 7 5800X3D 10th Anniversary Edition of its existing processor, a new Ryzen 7 7700X3D CPU for the AM5 platform, and the Radeon RX 9070 GRE graphics card. The company also confirmed that it will extend support for the AM5 socket through 2029. In

addition, AMD introduced new EXPO memory profiles with Ultra Low Latency support, which are claimed to improve gaming performance on Ryzen-powered systems. AMD Ryzen 7 5800X3D 10th Anniversary Edition, Ryzen 7 7700X3D, Radeon RX 9070 GRE Price, Availability The AMD Ryzen 7 5800X3D 10th Anniversary Edition processor will be available starting June 25 at a suggested retail price of

\$349. As per the company, it is a special edition chip that commemorates 10 years of the Socket AM4 platform and comes bundled with Carbide Ice Pad thermal interface material. The new Ryzen 7 7700X3D processor will launch on July 16 with a suggested retail price of \$329. AMD also confirmed that the Radeon RX 9070 GRE graphics card will be available globally from June 2 through board partners. The GPU carries a suggested launch price of \$549 and will be offered in both reference and factory-overclocked variants. Meanwhile, new AMD EXPO memory kits with Ultra Low Latency technology are expected to arrive from certified memory partners beginning June. AMD Ryzen 7 5800X3D 10th Anniversary Edition, Ryzen 7

7700X3D, Radeon RX 9070 GRE Specifications In a newsroom post, AMD announced that it is commemorating a decade of the Socket AM4 platform with the Ryzen 7 5800X3D 10th Anniversary Edition. The original Ryzen 7 5800X3D was the first Ryzen processor to feature AMD's 3D V-Cache technology. As per the company, the anniversary edition highlights the longevity of AM4. The company has introduced the Ryzen 7 7700X3D processor for Socket AM5. The chip features eight CPU cores, 104MB of total cache, and boost clock speeds of up to 4.5GHz. It is aimed at gamers. AMD's Socket AM5 support will also extend through 2029. The company says the extended roadmap is aimed at providing greater

investment protection and upgrade flexibility for users building systems around Ryzen processors and AM5 motherboards. On the graphics front, the new Radeon RX 9070 GRE is based on AMD's RDNA 4 architecture and features 48 compute units, 12GB of graphics memory, and boost clock speeds of up to 2.79GHz. It is claimed to deliver an average of 21 percent faster 1440p gaming performance compared to competing offerings. The card also supports advanced ray tracing features and AMD FSR gaming technologies. Alongside the processor and GPUs, the US-based company also announced updates to its Extended Profiles for Overclocking (EXPO) memory technology. There are new EXPO profiles with Ultra Low Latency support that can deliver an average frame rate improvement of up to four percent compared with standard EXPO memory configurations.

AMAZFIT BALANCE 3, BALANCE ULTRA LAUNCHED WITH HYROX TOOLS, UP TO 30-DAY BATTERY LIFE

Amazfit has unveiled the Balance 3 and Balance Ultra smartwatches in the US. The new wearables are designed around the company's Hybrid Training System, which combines smartwatch data with training and recovery insights through the Zepp App. Both models feature 1.5-inch AMOLED displays with sapphire glass protection, support more than 180 sports modes, and offer dual-band GPS with six satellite positioning systems. The Balance Ultra arrives as the flagship option with a titanium build and longer battery life, while the Balance 3 is offered in stainless steel and titanium variants. Amazfit Balance 3, Balance Ultra Price, Availability The stainless steel version of the Amazfit Balance 3 is priced at \$369.99 (roughly Rs. 35,400). There's a titanium version that costs \$449.99 (roughly Rs. 43,100), and the company has yet to reveal availability details. The flagship Amazfit Balance Ultra is also available for purchase at \$599.99 (roughly Rs. 57,400) via Amazfit's official website. Amazfit Balance 3, Balance Ultra Features, Specifications The Amazfit Balance 3 and Balance Ultra sport 1.5-inch AMOLED displays with 480x480-pixel resolution, sapphire glass protection, 323ppi pixel density, and



peak brightness of up to 3,000 nits. Amazfit has equipped the wearables with 64GB of onboard storage. The Balance 3 and Balance Ultra are built around Amazfit's new Hybrid Training System, which uses the Zepp App to combine training, recovery, sleep, stress, and lifestyle data. Features such as HybridCharge Energy Intelligence, Weekly Focus, Training Balance, and Hybrid Training Plans are designed to help users better manage training load and recovery. The watches support more than 180 sports modes, including official Hyrox training and race tools, and can automatically recognise 25 strength exercises and eight sports activities. Fitness features include Zepp Coach, PeakBeats workout analysis, running power, lactate threshold tracking, virtual pacing, Track Run mode, and support for external accessories such as heart-rate belts and cycling sensors. Health tracking on the Amazfit Balance Ultra and

Balance 3 covers heart rate, blood oxygen saturation, stress, skin temperature, sleep, heart rate variability, breathing quality, and menstrual cycle monitoring. Additional features include sleep scores, one-tap health measurements, and wellness alerts for abnormal readings. Connectivity options include Bluetooth 5.2 BLE and Wi-Fi on the 2.4GHz band. Both models support Bluetooth calling, phone notifications, music controls, voice notes, microphone and speaker functionality, and Zepp Flow voice assistant support in supported regions. They are compatible with devices running Android 8.0 or later and iOS 17 or newer through the Zepp App. The Balance 3 and Balance Ultra watches support dual-band GPS positioning and six satellite navigation systems. Navigation features include offline maps, contour maps, ski resort maps, point-of-interest search, route planning, route import, round-trip route creation, turn-by-

turn directions, and automatic route rerouting. The latest Amazfit smartwatches carry a 10 ATM water-resistance rating and support recreational scuba diving, outdoor freediving, indoor freediving, and spearfishing. They also include support for golf course maps and ski resort maps. Both smartwatches are equipped with Amazfit's BioTracker 6.0 sensor, along with an accelerometer, gyroscope, temperature, ambient light, geomagnetic, and barometric sensors. The Amazfit Balance Ultra packs a 780mAh battery. The company claims it can deliver up to 30 days of typical usage, up to 15 days under heavy use, up to 10 days with the always-on display enabled, up to 50 hours in GPS mode, and up to 97 hours in power-saving GPS mode. Meanwhile, the Amazfit Balance 3 houses a 658mAh battery. It is rated to provide up to 21 days of typical use, up to 10 days under heavy use, up to seven days with the always-on display enabled, up to 41 hours of GPS usage, and up to 84 hours in power-saving GPS mode. The Amazfit Balance Ultra features a Grade 5 titanium bezel, frame, buttons, and back cover paired with a fibre-reinforced polymer case. The Balance 3 is available in stainless steel and titanium versions.

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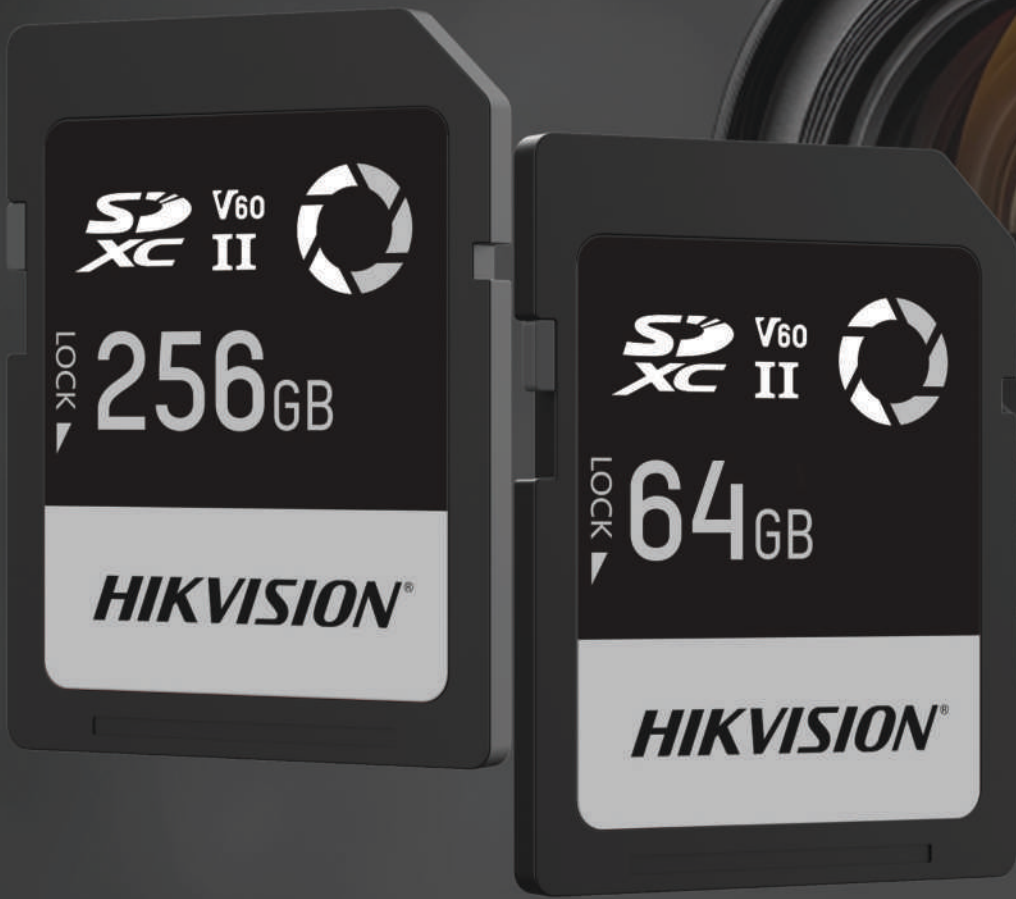
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