



Defence Professionals News & Analysis

April 30, 2025 | Day 120

Top Gainers

Stock	Close	Prev	Change
PARAS	1359.55	1337.8	+1.63%
MAZDOCK	3057.6	3027.9	+0.98%
LOKESHMACH	168.07	166.65	+0.85%
LT	3341.0	3322.3	+0.56%
AZAD	1578.1	1578.0	+0.01%

Top Losers

Stock	Close	Prev	Change
PREMEXPLN	416.2	467.3	-10.94%
WALCHANNAG	180.82	195.79	-7.65%
SIKA	677.95	730.1	-7.14%
KRISHNADEF	782.15	831.3	-5.91%
NIBE	1316.4	1384.65	-4.93%

Defense Business and Industry

Dassault to Launch Rafale Fuselage Production and MRO in India



30-Apr-25

In a significant advancement for India's defense capabilities, Dassault Aviation plans to establish Rafale fighter jet fuselage production and Maintenance, Repair, and Overhaul (MRO) facilities in India as part of a \$7 billion deal for 26 Rafale-Marine fighters for the Indian Navy. This initiative, which includes Transfer of Technology (ToT) for integrating indigenous weapons, strengthens India-France defense ties and positions India as a regional defense hub. The deal aligns with India's Aatmanirbhar Bharat vision, enhancing local manufacturing and upgrades for Rafale jets while potentially increasing the Indian Air Force's (IAF) fleet. The IAF's push for further integration of indigenous capabilities could lead to a larger Rafale order, ensuring operational relevance and self-reliance in defense. Overall, this development not only fortifies India's military readiness but also has strategic implications for regional security, especially concerning China and Pakistan.

India's Indigenous High-Pressure Turbine Blades Boost Jet Engine Tech



30-Apr-25

India has achieved a significant milestone in aerospace and defense by developing indigenous high-pressure turbine blades (HPTBs) for a turbo-fan engine, critical for unmanned aerial vehicles (UAVs). This advancement by the Defence Research and Development Organisation (DRDO) marks a crucial step

towards self-reliance in aero engine components, overcoming historical dependencies on foreign manufacturers. The HPTBs, made from nickel-based superalloys, demonstrate superior mechanical properties and precision manufacturing techniques, essential for India's fighter jet programs, including Tejas Mk2 and AMCA. This success not only strengthens India's aerospace capabilities but also supports broader indigenization efforts in jet engine technology, which is vital for national security and technological autonomy.

ADA Initiates Cockpit Upgrades for LCA AF Mk2 Integration



30-Apr-25

The Aeronautical Development Agency (ADA) has commenced significant modifications to the LCA Mk1 cockpit to integrate the Right Hand (RH) Console designed for the upcoming LCA AF Mk2. This upgrade aims to improve functionality and ergonomics, facilitating optimal pilot interaction and accommodating essential controls. Key changes involve structural modifications to the cockpit, including adjustments to the floor and reinforcement for the side stick grip, alongside the fabrication of the RH Console from Aluminum Alloy. By utilizing the LCA Mk1 platform for testing, ADA not only ensures cost-effectiveness but also strategically positions India to advance its indigenous fighter capabilities, reinforcing its defense preparedness amidst evolving geopolitical dynamics.

India to Start F414 Jet Engine Production by 2025, Boosting Defense Self-Reliance



30-Apr-25

India plans to launch a manufacturing line for the F414 jet engine by 2025, as confirmed by Defence Secretary

Rajesh Kumar Singh. This initiative, stemming from a \$1 billion agreement with General Electric, will include an 80% technology transfer to Hindustan Aeronautics Limited, significantly enhancing domestic defense manufacturing capabilities. The F414 engines will power key aircraft like the Light Combat Aircraft Mk2 and the Advanced Medium Combat Aircraft, reinforcing India's self-reliance and operational efficiency. This strategic move aligns with India-US defense cooperation, promoting job creation and reducing foreign dependency, thereby bolstering the Indian aerospace sector and national security.

IAF Enhances Network-Centric Defense with Jam-Resistant SDR Tech SHARE

30-Apr-25

The Indian Air Force (IAF) has significantly upgraded its communication infrastructure using advanced Software-Defined Radio (SDR) technology to enhance its network-centric defence capabilities, particularly following operational challenges during the Balakot airstrike in 2019. This modernization, which incorporates both international and domestic technologies, facilitates secure, adaptable communication across various platforms, including frontline aircraft and ground-based systems. The IAF's initiative improves situational awareness and operational coordination, addressing vulnerabilities in its previous systems. Future plans include extending SDR capabilities to helicopter fleets and UAVs, with an aim for 100% indigenous SDR production by 2030, reinforcing India's strategic defense posture.

Geopolitics and Security Alliances

US Calls for Restraint Amidst Rising India-Pakistan Tensions SHARE

30-Apr-25

Recent tensions between India and Pakistan have escalated following a terrorist attack in Pahalgam, Kashmir, which killed 26 people. U.S. Secretary of State Marco Rubio has called for restraint from both nations and plans to engage with their foreign ministers. Meanwhile, India has taken decisive actions against Pakistan, including suspending the Indus Waters Treaty and expelling Pakistani diplomats, as it holds Pakistan responsible for cross-border terrorism. Prime Minister Modi has expressed unwavering confidence in the Indian Armed Forces, granting them operational freedom to respond as necessary. The U.S. has condemned the attack and reaffirmed its support for

India's right to seek justice, emphasizing the need for a diplomatic resolution while maintaining pressure on Pakistan to cease its support for terrorism.

India Suspends Indus Waters Treaty Amid Security Crisis with Pakistan SHARE

30-Apr-25

India has suspended the Indus Waters Treaty (IWT) in response to a recent cross-border terrorist attack from Pakistan, utilizing international law to justify its actions. This suspension reflects India's strategic shift in leveraging its upstream position to pressure Pakistan amid ongoing security challenges, with Indian officials arguing the treaty has been unfavorable to regions like Jammu & Kashmir. Islamabad has reacted strongly, warning of severe repercussions and the potential for conflict, including nuclear threats. While the immediate impact on water supply may be limited due to India's existing infrastructure, the political implications are significant, raising tensions between the two nations and prompting concerns over regional stability. Both countries have heightened military readiness, and the situation places the onus on international powers to mediate and prevent escalation.

India and Pakistan DGMOs discuss ceasefire amid rising tensions. SHARE

30-Apr-25

The Directors General of Military Operations (DGMOs) of India and Pakistan held a hotline conversation amid rising ceasefire violations by Pakistan along the Line of Control (LoC). India has effectively countered unprovoked firing from the Pakistan Army, especially in Jammu and Kashmir. Following the recent Phalgam terror attack, which resulted in significant casualties, India emphasized its operational freedom to respond decisively against cross-border terrorism. Additionally, India has taken measures against Pakistan, including suspending the Indus Water Treaty and reducing the number of personnel at High Commissions, underlining its commitment to national security and counter-terrorism efforts.

North Korea Advances Naval Power with Missile Tests from New Destroyer SHARE

30-Apr-25

North Korea's recent test-firing of missiles from a newly launched destroyer marks a significant advancement in its naval capabilities, as emphasized by leader Kim Jong Un. He aims to enhance the navy's nuclear attack capabilities amidst escalating tensions with the U.S. and its allies, highlighting a concerning military

cooperation between North Korea and Russia, particularly in the context of the Ukraine conflict. The ongoing missile tests and weapon acquisitions underscore North Korea's robust efforts to strengthen its military deterrence, raising alarms for regional stability. This situation necessitates vigilant monitoring by India and its allies to counterbalance these emerging threats in the Indo-Pacific region.

India Considers Punjab Border Strategy to Target Pakistan's Military Elite



30-Apr-25

In the context of rising tensions following a terror attack in April 2025, India is considering shifting its military focus from the Line of Control (LoC) to the Punjab border with Pakistan. This strategy aims to destabilize Pakistan's military elite by directly targeting its core region, which is vital for its economy and military leadership. India's advanced artillery and missile capabilities could significantly challenge Pakistan's defense, potentially forcing its military to divert resources and weakening its overall posture. This approach complements India's diplomatic efforts to isolate Pakistan internationally and could influence internal dynamics within the Pakistani military structure.

China Urges India-Pakistan Harmony for South Asian Stability



30-Apr-25

China has reiterated the importance of harmonious coexistence between India and Pakistan for regional stability, particularly following a recent terror attack in Pahalgam that resulted in 26 fatalities. Chinese Foreign Ministry Spokesperson Guo Jiakun emphasized the need for both nations to exercise restraint and engage in dialogue to address their differences. While China condemned the terror attack, its call for calm came after Pakistan sought Beijing's support amidst rising tensions. This stance underscores China's strategic interest in maintaining stability in South Asia, although India's strong response to terrorism suggests a firm commitment to national security, prioritizing peace through resolve rather than appeasement.

786 Pakistanis Depart India Amid Security Measures Post-Attack



30-Apr-25

Following a recent terror attack in Pahalgam, where 26 tourists lost their lives, 786 Pakistani nationals have exited India through the Attari-Wagah border, with a total of 1,376 Indians returning from Pakistan. The

Indian government mandated that those with short-term visas leave by April 27, while medical visa holders have until April 29. The authorities are conducting a verification drive to identify Pakistani nationals in India, warning that continued illegal stay post-deadline will result in strict action. This situation underscores India's commitment to national security and the prioritization of citizen safety amidst rising tensions.

US Dodges Inquiry on Pakistan's 'Dirty Work' Admission Amid Tensions



30-Apr-25

The White House faced questions regarding Pakistani Defence Minister Khawaja Asif's admission that Pakistan has engaged in "dirty work" for the US and the West for decades. This statement came amidst rising tensions following a terror attack in Jammu and Kashmir. US State Department spokesperson Tammy Bruce emphasized the need for both India and Pakistan to seek a peaceful resolution and announced that Secretary of State Marco Rubio would engage directly with both nations' foreign ministers. The remarks highlight the complex geopolitical dynamics in South Asia, where Pakistan's acknowledgment of its controversial role raises concerns about its commitment to counter-terrorism and stability in the region.

Philippines rebuffs China's claims during U.S. military drills.



30-Apr-25

China's navy conducted a patrol in the South China Sea, accusing the Philippines of creating "disturbances" amid joint military exercises between the Philippines and the U.S. involving over 14,000 troops. The Philippines maintains that these activities are essential for its defense and sovereignty, asserting its rights to conduct joint operations with allies. The Philippine military emphasized that such exercises reflect preparedness rather than provocation. This escalating tension underscores the broader geopolitical dynamics in the region, highlighting the Philippines' commitment to safeguarding its territorial integrity while enhancing defense partnerships amidst increasing Chinese assertiveness.

600 North Korean Troops Reported Killed in Ukraine Conflict



30-Apr-25

South Korean lawmakers report that approximately 600 North Korean troops have died while fighting for Russia in Ukraine, part of a larger contingent of 15,000. Despite

suffering heavy casualties, North Korea's military has improved its combat capabilities, leveraging modern weaponry such as drones. This military collaboration has brought North Korea and Russia closer, with Pyongyang receiving technical assistance in return. The situation underscores the deepening ties between economically isolated nations, raising concerns about regional stability and the implications for international security, especially for countries like India that prioritize a stable geopolitical environment in their defense strategies.

Taiwan Tracks 20 Chinese Aircraft Sorties Amid Rising Tensions

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30-Apr-25

Taiwan's Ministry of National Defense reported heightened military activity, detecting 20 sorties of Chinese aircraft and multiple naval vessels operating near its territory, with many crossings into Taiwan's Air Defence Identification Zones (ADIZ). This escalation follows a pattern of increasing PLA maneuvers, raising concerns over regional stability as China asserts its claims over Taiwan, which has been self-governed since 1949. In response, Taiwan has intensified its military vigilance, deploying aircraft and missile systems to monitor the situation. The ongoing tensions reflect the broader geopolitical challenges in the region, emphasizing the need for strategic partnerships and deterrence against potential aggression from China.

Turkey Refutes Claims of Arms Shipments to Pakistan Amid Tensions

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30-Apr-25

Turkey has denied allegations of sending weapons to Pakistan amidst rising tensions following the Pahalgam attack, which resulted in 26 fatalities and escalated diplomatic and military responses from India and Pakistan. Despite the denial, Turkey and Pakistan maintain a strong defense partnership, with recent arms exports and collaborative projects including drones and naval vessels. Turkey's support for Pakistan on international platforms, particularly regarding Kashmir, adds to Indian concerns about shifting alliances in the region. This situation underscores the complexities of South Asian security dynamics as underlying alliances remain robust, despite the denial of new arms shipments.

Russia Reaffirms Defense Support to India Amid Rising Tensions

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30-Apr-25

India's ambassador to Russia, Vinay Kumar, met with Deputy Foreign Minister Andrey Rudenko to discuss the recent Pahalgam attack by Pakistani terrorists and strengthening bilateral ties. Russia reaffirmed its commitment to counterterrorism cooperation and assured India of continued defense supplies despite disruptions from the Ukraine conflict and sanctions. This assurance is vital given India's reliance on Russian military hardware, including advanced systems like the S-400. The talks highlight the resilience of the India-Russia relationship, emphasizing collaboration in counterterrorism and defense amid evolving regional security challenges. Overall, this partnership remains crucial for India's strategic defense posture.

Pakistan Claims Downing of Indian Drone Amid Rising Tensions

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30-Apr-25

Pakistan's army claims to have shot down an Indian spy drone in Kashmir amidst rising tensions following a militant attack that killed 26 people. Tensions are exacerbated by cross-border firings and Pakistan's Defense Minister warning of potential war. India has responded assertively, accusing Pakistan of aggression and vowing to punish those responsible for the attacks, while also downgrading diplomatic ties and suspending a water-sharing treaty. The historical context of conflict between the two nations underscores the volatility, but India's strategic response and commitment to defending its sovereignty reflect its resolve to maintain security and regional stability.

Military Operations

Pakistan Claims India Set for Military Action Amid Rising Tensions

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30-Apr-25

In the wake of the recent Pahalgam terror attack that claimed 26 lives, tensions have escalated sharply between India and Pakistan. Pakistan's Minister for Information, Attaullah Tarar, claimed that Islamabad has "credible intelligence" suggesting India is preparing for military action within 24-36 hours, warning of severe consequences. This accusation follows Prime Minister Narendra Modi granting the Indian military operational freedom to respond decisively against those responsible for the attack, which India attributes to

Pakistan-based militants—a claim denied by Islamabad. As a result, India has taken significant diplomatic measures, including expelling Pakistani diplomats, suspending the Indus Water Treaty, and closing borders. This has led to retaliatory actions from Pakistan, such as closing its airspace, expelling Indian diplomats, and suspending key agreements like the Simla Agreement, further deteriorating relations. Both nations have increased military deployments along the Line of Control, and armed skirmishes have been reported. The international community, including the United States and China, has urged restraint, highlighting the potential for conflict given both nations' nuclear capabilities. Analysts emphasize that while both countries may prefer to manage hostility, the risk of escalation remains high, particularly due to the breakdown of established diplomatic frameworks. The situation is precarious, with both sides on high alert and the need for measured responses becoming increasingly critical to avoid a larger conflict.

Modi Leads CCS Meeting Post-Pahalgam Attack, Grants Army Freedom



30-Apr-25

Following the tragic terrorist attack in Pahalgam that resulted in 26 fatalities, Prime Minister Narendra Modi convened a series of high-level meetings, including the Cabinet Committee on Security (CCS) and discussions with top military brass, to assess the security landscape and formulate a decisive response. Modi granted the armed forces complete operational freedom to determine the strategy for retaliation against terrorist threats emanating from Pakistan, reflecting a significant escalation in India's stance against cross-border terrorism. The government has already implemented non-military measures, such as suspending the Indus Waters Treaty and expelling Pakistani diplomats, while simultaneously preparing for a calibrated military response that may redefine the Line of Control (LoC) and impose lasting consequences on Pakistan's military establishment. Key arguments highlight that while India seeks to retaliate with precision rather than launch a full-scale war, it is determined to assert its sovereignty and send a clear message against future acts of terrorism. This situation underscores India's long-standing struggle with terrorism and its resolve to safeguard national interests, all while navigating complex regional dynamics and international expectations. The government's approach aims to maintain national unity and foster bipartisan support in the face of potential military action, signaling that India's patience has limits

and reiterating its commitment to countering terrorism effectively.

India's Submarine Challenges Amidst Rising Tensions with Pakistan



30-Apr-25

Amid rising India-Pakistan tensions, particularly after the recent Pahalgam terror attack, India's submarine capabilities have come under scrutiny. The Indian Navy's aging fleet of conventional submarines faces operational challenges, with many nearing decommissioning and delayed procurement processes hampering modernization efforts, including a pending deal for three additional Scorpene submarines. In contrast, Pakistan continues to enhance its maritime capabilities with support from China, acquiring advanced submarines and frigates. Although India's defense budget allocation aims to address these gaps, experts cite underutilization and slow procurement processes as significant obstacles to strengthening India's military readiness. Streamlining these processes is essential for meeting evolving security threats effectively.

Indian Navy Demonstrates Strength: 'No Mission Too Distant'



30-Apr-25

The Indian Navy has showcased its maritime strength following the tragic Pahalgam terror attack, emphasizing its readiness and operational reach with the message, "No mission too distant, no sea too vast." This display comes amid heightened tensions with Pakistan after the attack, which claimed 26 lives. Prime Minister Modi has expressed full confidence in the Armed Forces, granting them complete operational freedom to respond decisively against terrorism. Recent naval exercises, including successful missile tests and the readiness of the INS Vikrant aircraft carrier, bolster India's deterrence capabilities, signaling a strong commitment to national security in a volatile regional environment.

Ceasefire Breached After Years: Villagers on High Alert as Pakistan Fires



30-Apr-25

Recent ceasefire violations by the Pakistan Army have been reported along the Line of Control (LoC) in Jammu and Kashmir, marking the first such incidents in 7-8 years. Villagers, particularly in the Naushera, Sunderbani, and Akhnoor sectors, expressed heightened alertness as they experienced small-arms fire from Pakistani positions, prompting a swift and

proportionate response from the Indian Army. Reports indicate firing extended to Baramulla, Kupwara, and the Pargwal sector along the International Border. The Indian Army's readiness to respond to provocations underscores its commitment to national security and maintaining peace in the region, despite Pakistan's attempts to disrupt the fragile ceasefire.

PM Modi Urges Capture of Pahalgam Terrorists Alive to Uncover Links



30-Apr-25

Prime Minister Narendra Modi recently chaired a crucial Cabinet Committee on Security meeting in New Delhi following the Pahalgam terror attack that claimed 26 lives, primarily tourists. Security agencies were directed to capture the terrorists alive to uncover Pakistan's involvement, as intelligence suggests a clear link to the attack. Investigations indicate that eyewitnesses are traumatized, complicating the identification of the assailants, although a sketch of a foreign terrorist named Hashim has emerged. The operation aims to neutralize both the attackers and local collaborators, emphasizing India's commitment to counter-terrorism efforts and maintaining regional stability in the face of external threats.

India Issues Strong Warning to Pakistan After Pahalgam Attack



30-Apr-25

Prime Minister Narendra Modi convened a Union Cabinet meeting following the recent terror attack in Pahalgam, which resulted in 26 fatalities. He emphasized India's determination to decisively combat terrorism and granted the armed forces full operational freedom to respond. Amid escalating tensions, Pakistan alleged that India planned military action in response to the attack, warning of consequences. This situation reflects the fragile nature of the India-Pakistan ceasefire, underscoring the ongoing volatility along the Line of Control. India's focus on a robust defense strategy and its commitment to national security indicate a proactive stance in addressing threats from Pakistan.

J&K Schools Boost Wartime Safety Training After Pahalgam Attack



30-Apr-25

The Jammu and Kashmir education department has initiated emergency training for students in schools along the Line of Control (LoC) to ensure safety following the recent Pahalgam terror attack that claimed 26 lives. This training includes safety drills and

awareness sessions amidst escalating cross-border hostilities, where Pakistan has violated ceasefire agreements. Concerns are rising among residents regarding inadequate shelter and safety infrastructure, with only two community bunkers available for the local population. This proactive measure reflects India's commitment to safeguard its citizens and highlights the ongoing geopolitical tensions with Pakistan, emphasizing the need for enhanced preparedness in vulnerable regions.

Indian Army's strong response forces Pakistan soldiers to flee posts



30-Apr-25

Tensions along the Line of Control (LoC) in Jammu and Kashmir have escalated as the Indian Army delivered a strong retaliatory response to repeated ceasefire violations by Pakistan, resulting in Pakistani soldiers reportedly abandoning posts and removing national flags. Intense cross-border firing occurred across nearly 20 posts, with the Indian forces responding decisively to provocations. Pakistan's declaration of a temporary No-Fly Zone over key cities indicates a heightened state of alert within its military. This situation underscores India's commitment to a firm response against aggression, reinforcing its operational readiness while maintaining a clear stance on not escalating beyond necessary retaliation.

Indian Army Strikes Back as Pakistan Breaches Ceasefire Again



30-Apr-25

Pakistan has once again violated the ceasefire along the Line of Control (LoC) and the International Border, prompting a strong retaliatory response from the Indian Army in regions such as Baramulla, Kupwara, and Pargwal. This recurring aggression highlights the ongoing tensions in the region and the need for India to maintain strong defensive capabilities and readiness. The Indian Army's prompt action underscores its commitment to safeguarding national sovereignty and ensuring peace along the borders. Such incidents reinforce India's strategic posture of deterrence, showcasing its resolve to respond decisively to any provocations, thereby maintaining regional stability in the face of challenges.

Punjab to Enhance Border Security with Anti-Drone System



30-Apr-25

The Punjab government is set to deploy an anti-drone system along the Pakistan border to combat increasing

drone-related threats, particularly concerning the transport of weapons and drugs. This initiative comes amid reports of unprovoked ceasefire violations by the Pakistan Army, including small-arms fire across the Line of Control, to which the Indian Army responded proportionately. The deployment of anti-drone technology enhances India's border security and aims to thwart illicit activities from Pakistan, reflecting a proactive approach to safeguarding national interests. This move underscores India's commitment to maintaining operational readiness and effectively countering cross-border threats.

UK and US Launch Airstrikes Against Houthi Rebels in Yemen

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30-Apr-25

The UK military, in coordination with the US, has launched airstrikes targeting Yemen's Houthi rebels, marking its first engagement in the ongoing campaign against the Iranian-backed group under the Trump administration. The strikes aimed at facilities used for drone manufacturing near Sanaa, citing threats to maritime security in the Red Sea as justification. This operation is part of a broader strategy to counter Houthi attacks on shipping routes and regional stability. While the attacks have drawn criticism, particularly following reports of civilian casualties from previous strikes, they underscore the urgency of addressing threats posed by Iran's influence in the region and maintaining freedom of navigation in critical trade routes.

Russian drone strikes in Kharkiv and Dnipro leave one dead, 46 hurt

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30-Apr-25

A recent drone attack in Ukraine's Kharkiv and Dnipro cities resulted in one death and at least 46 injuries, with significant damage to civilian infrastructure. Kharkiv, a frequent target since Russia's invasion, suffered 16 strikes, affecting high-rise apartments and medical facilities. Meanwhile, Dnipro experienced fires caused by drones, killing a 53-year-old man. As the U.S. steps back from mediating peace efforts, the conflict continues, illustrating the ongoing humanitarian crisis and the detrimental impact of warfare on civilian life. This situation underscores the urgent need for concrete peace proposals from both Russia and Ukraine to halt further violence and civilian suffering.

PM Modi Holds Key Security Meeting with Top Defense Leaders

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30-Apr-25

Prime Minister Modi convened a critical security review meeting with Defence Minister Rajnath Singh, National Security Advisor Ajit Doval, Chief of Defence Staff General Anil Chauhan, and the chiefs of the armed forces to address the recent attack in Pahalgam. Modi granted the military operational freedom to respond decisively against terrorism and its sponsors. Following this, he met RSS chief Mohan Bhagwat, who emphasized the need for a strong national response, aligning with the RSS's stance on unity against threats to national security. These consultations signal a robust commitment by the Indian government to enhance security and formulate effective counter-terrorism strategies.

Pakistan Boosts Defense with TPS-77 Radars Amid Indian Tensions

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30-Apr-25

Pakistan has deployed TPS-77 radar systems and electronic warfare units to forward positions near Sialkot, anticipating potential Indian military responses following the recent Pahalgam attack. This move reflects Pakistan's heightened anxiety over airstrikes reminiscent of India's 2019 Balakot operation, as they bolster their defensive posture. The TPS-77 radar, capable of detecting aircraft up to 470 kilometers, enhances Pakistan's situational awareness but falls short of India's superior electronic warfare capabilities. This escalating military preparedness on both sides underscores the fragile security situation along the Line of Control, raising concerns about possible miscalculations that could lead to broader conflict.

Tejas Mk1's 70% Availability Enhances IAF Readiness Amid Tensions

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30-Apr-25

The Indian Air Force's (IAF) Tejas Mk1 fleet, with a 70-75% availability rate, is crucial for operational readiness amid rising tensions along the Indo-Pak border. While this figure aligns with global standards, concerns arise from supply chain issues affecting the F404-IN20 engine, which has faced delays impacting the induction of the advanced Mk1A variant. With the IAF currently at 31 fighter squadrons against a sanctioned strength of 42.5, the urgency for enhancing capabilities is paramount as older jets phase out. The Tejas Mk1's multi-role capabilities position it as a significant asset in countering regional threats,

particularly from Pakistan and China, reinforcing India's strategic defense posture.

Experts Advocate Preemptive IAF Strikes on PAF AWACS to Boost Defense



30-Apr-25

Experts advocate for the Indian Air Force (IAF) to adopt a preemptive strategy targeting Pakistan Air Force (PAF) AWACS, particularly the Saab 2000 Erieye, to enhance situational awareness and disrupt enemy command. Utilizing advanced long-range missile systems like the S-400 and Barak-8ER, India could neutralize these critical assets without immediate escalation. This approach aims to hinder the PAF's operational capabilities, allowing the IAF to conduct strikes with reduced risk. While such preemptive moves are contentious under international law, they may be justified if based on credible intelligence regarding imminent threats, marking a significant shift towards proactive national defense in the region.

INS Kochi arrives in Maldives to hand over MNDF CGS Huravee



30-Apr-25

INS Kochi, a Guided Missile Destroyer of the Indian Navy, arrived in Male, Maldives, on April 28, 2025, to hand over the MNDF CGS Huravee after its refit in Mumbai. This visit underscores the robust maritime relationship between India and the Maldives, reflecting India's commitment to regional security and collaboration. High Commissioner G. Balasubramanian facilitated the handover ceremony, emphasizing friendly ties as Maldivian authorities warmly welcomed INS Kochi. The visit includes bilateral meetings, cross-deck visits, and sports events, further enhancing defense cooperation. Overall, this engagement exemplifies India's strategic focus on fostering close partnerships in the Indian Ocean region, reinforcing peace and freedom of navigation.

Terrorism and Counterterrorism

Kashmiri Terror Groups Rebrand as Political Resistance, Echoing

Hamas



30-Apr-25

Kashmiri terror outfits, particularly The Resistance Front (TRF), are rebranding themselves as political resistance movements, echoing the Palestinian model to garner international legitimacy while distancing from their

Islamist roots. This shift employs neutral terminology, reframes their narrative around anti-colonialism, and utilizes sophisticated propaganda to depict their actions as legitimate resistance rather than terrorism. The TRF, linked to Pakistan's Lashkar-e-Taiba, persists in targeting religious minorities and security forces, despite its façade of secularism. Indian authorities attribute TRF's actions to Pakistan's support, leading to heightened diplomatic tensions. This evolving narrative poses significant challenges for India as it seeks to counter both the terrorism and the internationalization of the Kashmir conflict, necessitating a robust combination of military and diplomatic strategies to safeguard national interests and maintain regional stability.

Pahalgam Attack Leads to Closure of 48 Tourist Spots Amid Fear



30-Apr-25

Following the tragic terror attack in Pahalgam, which claimed the lives of 25 tourists, the Jammu and Kashmir government has temporarily shuttered 48 tourist destinations in the Valley to ensure security. This incident has ignited nationwide outrage, leading to condemnation across various communities. Prime Minister Modi vowed to track down the terrorists and their accomplices, while security forces have already taken action by demolishing the properties of identified terrorists. The Jammu and Kashmir Assembly unanimously denounced the attack, emphasizing its threat to the region's harmony and unity, reflecting a strong stand against terrorism and a commitment to restoring peace in the region.

Maharashtra Man Reveals Encounter with Pahalgam Attack Suspect



30-Apr-25

A resident of Jalna, Maharashtra, Adarsh Raut reported a disturbing interaction with a suspected attacker in Pahalgam a day before a terror attack that killed 26, mostly tourists. He recalled the suspect questioning him about his religion and making comments about the crowd size while he was at a food stall. After seeing sketches of the attackers released by the NIA, Raut connected the dots and has since shared his account with the agency, though he has yet to receive a response. This incident underscores the ongoing threat of terrorism in Kashmir and highlights the crucial role of citizen vigilance in enhancing security efforts.

Naxals Seek Talks Amidst Pressure, Urge Halt to Anti-Maoist Ops

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30-Apr-25

The Naxals have issued a less confrontational appeal for talks with the governments of Jharkhand, Telangana, and Maharashtra, acknowledging their weakened position after suffering significant leadership losses, including the killing of Central Committee member Prayag Manjhi. This is their fourth such appeal since March 2025, calling for a one-month ceasefire in Chhattisgarh to facilitate negotiations. The Indian government's stance, reinforced by Union Home Minister Amit Shah, emphasizes continuing anti-Naxal operations while offering the rebels opportunities for surrender and reintegration. This situation highlights the ongoing struggle against Maoism in India, with the government committed to eradicating the movement and promoting peace and development by March 2026.

Security Forces Neutralize 3 NSCN Terrorists in Assam Encounter

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30-Apr-25

In a significant encounter in Assam's Dima Hasao district, security forces killed three suspected terrorists from the National Socialist Council of Nagaland (NSCN) following intelligence regarding extortion activities. The operation, which involved the Assam Police Special Units and Assam Rifles, lasted nearly 60 hours, culminating in a fierce gunfight after the terrorists opened fire. This incident highlights ongoing challenges posed by NSCN factions, despite existing ceasefire agreements, as they continue to engage in violent activities in the region. The security forces' proactive measures are crucial for restoring peace and stability, showcasing India's commitment to combating terrorism and ensuring the safety of its citizens.

Cybersecurity and Information Warfare

QN Labs Secures ₹60 Crore in Government-Led Quantum Funding

🔒 SHARE

30-Apr-25

Bengaluru-based QNu Labs has secured Rs 60 crore in a Series A funding round led by the National Quantum Mission, marking a significant government investment in quantum cybersecurity. The startup, incubated by IIT Madras, offers advanced solutions for quantum key distribution and post-quantum cryptography, addressing potential cybersecurity threats posed by future quantum computers. With successful

deployments for Indian defense forces and growing traction in various sectors, QNu Labs aims to scale operations and enhance R&D. This investment positions India as a rising contender in the global quantum technology landscape, underscoring the country's commitment to advancing its defense and cybersecurity capabilities.

Supreme Court: Spyware Use for National Security Justified

🔒 SHARE

30-Apr-25

The Supreme Court of India has clarified that using spyware for national security is not inherently wrong, emphasizing its necessity against threats like terrorism. Justice Surya Kant highlighted that while such tools are essential, misuse against private citizens must be scrutinized, allowing individuals to inquire if they were targeted. The court acknowledged ongoing allegations regarding the use of Pegasus spyware but stressed the importance of safeguarding national security. The government's stance prioritizes national safety while remaining open to addressing concerns about potential misuse, thus balancing security needs with citizens' privacy rights.

Rajasthan government websites hacked by Pakistani cybercriminals

🔒 SHARE

30-Apr-25

Pakistani cybercriminals recently hacked and defaced multiple websites of the Rajasthan government, including the Education Department's portal, with anti-India propaganda. The state's Education Minister, Madan Dilawar, confirmed the websites' temporary shutdown for recovery and initiated an investigation into the hacking group, while emphasizing the need for strengthened cybersecurity measures. No sensitive data leaks have been confirmed, but a comprehensive audit is ongoing. This incident highlights the escalating threat of cyber warfare amid geopolitical tensions, underscoring the urgency for enhanced digital defenses across Indian government platforms to safeguard against future attacks.

Regulate OTT Platforms Under India's Cybersecurity Rules: COAI

🔒 SHARE

30-Apr-25

Telecom carriers in India, represented by the Cellular Operators Association of India (COAI), are urging the government to regulate over-the-top (OTT) communication platforms like WhatsApp and Telegram under existing cybersecurity rules. This demand arises from concerns about untraceable spam and scam calls,

as the connection between OTT apps and mobile numbers is loose, complicating tracking and accountability. COAI emphasizes that without regulatory coverage, the increase in commercial traffic via OTTs will perpetuate these issues, highlighting the need for comprehensive measures to protect consumers from cyber threats, including advanced techniques like steganography that could facilitate fraud.

Mil Personnel & Veterans

Lt Gen JP Mathew steps down as Chief of Integrated Defence Staff after a distinguished career. SHARE

30-Apr-25

Lt Gen JP Mathew relinquished his role as Chief of Integrated Defence Staff on April 30, 2025, after nearly four decades of service, during which he fostered jointness among the Indian Armed Forces and advanced initiatives in cyber and space defense. He emphasized collaboration with the Indian defense industry, aligning with the Aatmanirbhar Bharat vision, and played a crucial role in enhancing diversity within the military. Additionally, he represented India in defense cooperation efforts with neighboring countries, strengthening regional stability. His commendable service earned him several prestigious awards, including the Param Vishisht Seva Medal, highlighting his impactful contributions to national defense and humanitarian efforts.

Miscellaneous

India Enhances National Security Advisory Board with New Leadership SHARE

30-Apr-25

The Indian government has revamped the National Security Advisory Board (NSAB), appointing former R&AW chief Alok Joshi as its chairman amidst rising concerns over national security following the Pahalgam terror attack. The new board includes prominent military and diplomatic figures, such as Air Marshal PM Sinha and Lt Gen A K Singh, aimed at bolstering strategic advice to the National Security Council. This restructuring underscores India's proactive approach to addressing security challenges and its commitment to enhancing defense preparedness in response to cross-

border threats, ensuring a robust mechanism for national security deliberations.

MoD and MyGov Launch National Competition for IDC-2025 Designs SHARE

30-Apr-25

The Ministry of Defence, in collaboration with MyGov, is organizing a national-level competition for the design of formations for the Independence Day Ceremony 2025 (IDC-2025) at Gyanpath, Red Fort, from May 1 to 15, 2025. This initiative aims to inspire patriotic spirit and creativity among Indian citizens, particularly youth, with cash prizes for the top three entries and e-invitations for the top 250 participants. The competition promotes active citizen participation and will see designs created by NCC cadets and NSS volunteers, reinforcing India's commitment to fostering youth engagement in national celebrations while enhancing the cultural significance of the IDC-2025.

Indian Astronaut to Launch for ISS on May 29 with Global Crew SHARE

30-Apr-25

Indian astronaut Group Captain Shubhanshu Shukla is set to travel to the International Space Station (ISS) on May 29 as part of Axiom Space's fourth mission, alongside astronauts from Poland and Hungary, marking their nations' inaugural missions to the ISS. The mission, which will utilize a SpaceX Dragon spacecraft, emphasizes India's growing presence in space exploration four decades after Rakesh Sharma's historic flight. This collaboration highlights international cooperation in space as well as India's commitment to expanding its capabilities in human spaceflight, bolstering its position in the global space community. The mission reflects optimism for future advancements in India's space endeavors and further strengthens its strategic partnerships.

Israeli Embassy Denies Fake Assault Claims, Reaffirms Ties with India SHARE

30-Apr-25

The Israeli Embassy in India has denied allegations of a sexual assault involving an Indian Army officer during a joint military exercise, labeling the claims as fake news aimed at undermining the strong India-Israel relationship. The Embassy emphasized the resilience of their partnership, particularly in the face of terrorism, following a recent attack in Kashmir that killed 26 tourists, which elicited condolences from Israeli Prime Minister Netanyahu to PM Modi. Both nations reiterated their commitment to combating cross-border terrorism,

with Indian officials appreciating Israel's unwavering support in this critical fight, illustrating the deepening cooperation and solidarity between the two countries.

SiriNor's All-Electric Jet Engine Poised to Transform Aviation by 2030



30-Apr-25

SiriNor, a deep-tech aerospace startup from India and Norway, has achieved a significant milestone by successfully ground testing the world's first all-electric jet engine, reaching Technology Readiness Level 6

(TRL-6). This breakthrough positions the company to potentially disrupt the \$100 billion global jet engine market by 2030, focusing initially on unmanned aerial vehicles and seaplanes before advancing to regional aircraft. Although challenges like battery energy density and stringent regulatory standards exist, SiriNor's innovation could establish India and Norway as frontrunners in sustainable aviation, significantly reducing aviation emissions and promoting cleaner air travel.

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Defence Sector Stocks

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
PARAS	1380.0	1468.95	1300.0	1359.55	11015542	1.63	80.84	1047.42	1079.31
MAZDOCK	3073.7	3150.0	2955.0	3057.6	9528730	0.98	70.42	2661.3	2311.46
LOKESHMACH	0.0	171.39	168.07	168.07	4075	0.85	46.59	152.94	339.32
LT	3324.0	3355.0	3303.3	3341.0	1930714	0.56	54.36	3278.21	3523.68
AZAD	1584.0	1635.0	1535.7	1578.1	595000	0.01	63.39	1434.26	1542.18
BDL	1540.9	1564.0	1462.5	1529.6	3843309	-0.43	71.99	1375.64	1223.97
ROSSELLIND	73.5	73.9	71.0	71.63	29188	-0.64	52.45	72.16	205.37
TANEJAERO	298.25	298.25	290.0	290.0	13438	-0.84	43.39	297.94	435.42
BEL	319.0	320.45	312.6	314.1	24863436	-0.95	64.76	294.65	289.38
ADANIENT	2331.4	2340.0	2285.0	2301.3	837464	-1.26	45.16	2360.74	2655.45
BEML	3219.0	3245.7	3131.0	3164.0	312816	-1.47	57.32	3088.54	3685.74
HIGHENE	488.0	488.0	462.0	470.75	5222	-1.86	44.65	487.0	613.43
CFF	523.35	523.35	523.35	523.35	4000	-1.99	64.16	479.16	621.42
PTC	180.28	182.3	176.0	176.55	1485502	-2.07	57.54	173.79	177.54
GRSE	1980.0	2044.5	1855.1	1917.0	8792427	-2.08	66.73	1702.35	1698.11
SOLARINDS	13461.0	13548.0	13075.0	13172.0	94250	-2.08	70.39	12003.39	10470.99
LMW	16555.0	16774.0	16201.0	16318.0	2908	-2.22	57.95	15741.75	15931.08
ASTRAMICRO	850.0	857.5	821.0	828.65	382640	-2.36	66.29	748.59	783.14
HBLPOWER	493.1	495.7	479.0	481.95	992040	-2.42	44.82	505.98	570.19
APOLLO	121.3	121.84	114.8	117.77	8311369	-2.44	50.27	117.36	110.98
BHARATFORG	1135.0	1135.0	1098.0	1104.2	1270756	-2.63	51.44	1079.39	1344.63
HAL	4610.0	4637.0	4466.2	4487.9	2513611	-2.63	64.94	4246.98	4268.15
DYNAMATECH	6504.5	6504.5	6252.5	6326.0	6674	-2.74	48.86	6291.79	7222.57
DATAPAT'NS	2556.9	2621.9	2450.0	2486.6	2989856	-2.75	76.71	1929.55	2343.91
AVANTEL	118.4	119.84	112.3	113.43	1016108	-2.99	42.05	120.42	-
MTARTECH	1481.0	1492.0	1405.0	1421.3	133108	-3.31	55.51	1367.58	1627.01
IDEAFORGE	395.0	396.8	375.1	377.4	320652	-3.55	53.18	361.06	573.19
COCHINSHIP	1673.9	1717.0	1575.0	1591.4	5602923	-3.69	63.03	1449.17	1662.43
ZENTEC	1494.9	1494.9	1402.1	1416.4	307028	-3.72	48.63	1451.53	1711.6
MARINE	198.9	198.9	187.0	188.42	258634	-4.08	51.37	185.97	227.07
MIDHANI	320.3	321.1	305.25	307.0	873243	-4.21	58.92	285.88	351.42
DCXINDIA	299.4	302.2	280.0	283.85	1183572	-4.79	59.69	253.59	317.93
NIBE	1417.7	1417.7	1316.0	1316.4	4244	-4.93	53.83	1300.67	1598.6
KRISHNADEF	839.75	839.75	775.2	782.15	66500	-5.91	55.3	763.49	698.95
SIKA	730.1	730.1	662.25	677.95	41249	-7.14	55.01	669.84	534.14
WALCHANNAG	195.0	196.71	178.65	180.82	602648	-7.65	48.98	181.53	266.8
PREMEXPLN	464.75	464.75	383.55	416.2	3694669	-10.94	56.7	383.53	484.4