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EDITORIAL

COPS TODAY
International has
come up with new
shape and vision after
a stop gap. It is great
news that the Journal
will now on be published every month



Dr. Tapan Chakraborty

with latest news of policing system, latest security and defence appliances and the latest news of Foundation for Police Research (FPR). Recently completed Police Expo in Vietnam is focused in this issue. FPR's next gala event of Police Expo and Conference will be convened in the month of 10-11 May, 2018 at Pragati Maidan, New Delhi.

Foundation for Police Research feels that propensity of criminals and terrorism to cross national borders-to engage in "transnational crime"- is certainly not a new phenomenon; it is probably as old as the borders themselves. Borders were established to delineate the jurisdiction claimed by each state, and crossing national borders has often provided criminals with a way to mitigate or avoid the consequences of illegal acts. Yet in spite of a long, eventful history, there is strong evidence that transnational crime and terrorist activities have become more prevalent and serious today than ever before. Hence, our next theme is kept as the Future Challenge in Combating Transnational Terrorism and Crime.

"Our courage and success is our reader and wellwisher"

Cabinet approves ₹25,000 cr for modernisation of police force

New Delhi: The Cabinet has given its approval for implementation of an umbrella scheme of 'Modernisation of Police Forces' for years 2017-18 to 2019-20, with financial outlay of ₹25,060 crore, out of which the Central Government's share will be ₹18,636 crore and the States' share will be ₹6,424 crore.

Special provision has been made under the scheme for internal security, law and order, women security, availability of modern weapons, mobility of police forces, logistics support, hiring of helicopters, upgradation of police wireless, National Satellite Network, CCTNS project and e-prison project, Rajnath Singh, Minister of Home Affairs, said here after the Cabinet meeting.

Under the umbrella scheme, Central budget outlay of ₹10,132 crore has been earmarked for internal securityrelated expenditure for Jammu and Kashmir, North-Eastern



States and left-wing extremism-affected States.

A Scheme of Special Central Assistance for 35 worst LWE affected districts has been introduced with an outlay of ₹3,000 crore to tackle the issue of underdevelopment in these district, he added. An outlay of ₹100 crore has been earmarked in the North Eastern States for police infrastructure upgradation, training institutes and investigation facilities, said a release.

The scheme also provides for setting up of a modern forensic science laboratory at Amravati

in Andhra Pradesh and upgradation of Sardar Patel Global Centre for Security, Counter Terrorism and Anti-Insurgency in Jaipur and Gujarat Forensic Science University in Gandhi Nagar.

New initiatives will be introduced to provide assistance to States for upgradation of police infrastructure, forensic science laboratories, institutions and the equipment available with them to plug critical gaps in the criminal justice system. Police stations will be integrated to set up a national database of crime and criminals' records.





Demand of Smart Weapons Boosts the Medium-Caliber Ammunition Market

The defense industry is booming and the demand for medium-caliber ammunition is increasing steadily worldwide, among the military forces. The major players in the market are competing against one another undertaking various organic and inorganic market strategies such as mergers and acquisitions, business expansion, and partnerships. The companies are constantly working towards enhancing the existing products as well as launching new ones. The market is expected to grow and attract the attention of various companies across different segments of the value chain. Hence, the new players in the market will look to partner with an established player in order to lead the market and the overall market growth.

One of the leading companies in aerospace and defense technology, Orbital ATK, demonstrated its MK44 Bushmaster Chain Gun firing a variety of 30mm and 40mm ammunition at an event in Arizona in June 2017. The air-burst ammunition is part of a variety of precision technologies for its medium-caliber ammunition including proximity detonating and command guidance rounds.1 The company had announced in a press release earlier this year in February, that it had booked approximately \$600 million in orders during the past three months for the company's medium-caliber cannons and related munitions. These orders were placed by multiple customers who have contracted for the popular MK44 and M230 link-fed Bushmaster Chain Guns, the associated medium-caliber tactical and target practice ammunition, and aftermarket services.

More information: https://www.asdreports.com/ASDR-421349

Rise in Demand for Surveillance and Authentication Systems

Public safety and security is the first priority of governments across the world to ensure safety of citizens, organizations, and financial institutions. Citizens and enterprises face continuous threats from cybercriminals, natural disasters, and terrorist attacks. This has increased the demand for public safety and security solutions.

The risk of terrorist attacks has led to an increase in public safety and security spending. Illegal arms & drugs trafficking and immigration has led to heightened border and seaport security, which has given rise to the demand for screening and scanning, video surveillance, biometrics, and authentication systems. Moreover, the threat of cross-border terrorism, human trafficking, and separatist movement has compelled homeland security agencies to use public safety and security

How police used drones to bring down crime rate in Bhupalpalli In summer the crime rate came down to 'zero', says police

The zero crime rate means a lot to the police but it is much more to the people who constantly live in fear of threat from house burglars and antisocial elements particularly in burgeoning industrial town like Bhupalpalli.

The police came up with an idea to use the drone cameras being used to shoot public functions for their security and surveillance which yielded good results for them. "Can you imagine there is not a single crime during last summer in the town?," says Superintendent of Police R. Bhaskaran.

Bhupalpalli was just a small village until the Singareni Collieries started coal mining operations a few years ago. Now the town has 70,000 population spread over 2.5 km amid thick forests all around.

However, the crime rate was related to land disputes, alcoholism and debauching owing to sudden prosperity of people and soaring land prices. Young



and tech-savy Mr. Bhaskaran says it was common that people openly booze and take women to outskirts during dark hours. Many of such encounters end up in crime and law and order problems.

Ever since the police started using drone cameras, people intending to resort to extremes felt threatened. The town police take the drone cameras during evening hours with a mobile control room to check the outskirts of town. Spotting the drone camera movements those boozing openly run away hiding in thick foliage for fearing of being identified.

Mr. Bhaskaran said that repre-

sentatives of some political parties objected to the police using drone cameras. "They say their cadre is being identified and booked in cases. But, our purpose is to identify the mischief mongers," he asserted.

Elated at the achievement of zero crime rate in town, Mr. Bhaskaran said that they propose to use the drone cameras for security and surveillance on borders of Chattisgarh to check the influx of Maoist party naxals into the district. However, it was still in the proposal stage owing to lacunae in technology in existing cameras available in market.

'Acts of terrorism' in Edmonton: Officer stabbed, pedestrians run down

Edmonton police released disturbing video footage Sunday morning showing the first in a chain of events they are now investigating as an "act of terrorism."

The video shows a white Chevrolet Malibu driving directly through a road barricade at an intersection near Commonwealth Stadium, hitting a police officer who goes flying through the air before he is then attacked.

The stabbing of a police officer and a subsequent high-speed chase where several pedestrians were run down is being investigated as an act of terrorism, Edmonton Police Chief Rod Knecht said at a 3 a.m. news conference.

Knecht, standing side by side with representatives of the RCMP, said based on evidence at the scene, and the actions of



the suspect "it was determined that these incidents are being investigated as acts of terrorism under section 83.2 of the Criminal Code."

Knecht also confirmed that an ISIS flag was discovered in the vehicle the suspect was driving when he rammed the police car, then stabbed the police officer — and that the flag is

part of the investigation.

The attack began on the officer who was manning a routine Edmonton Eskimos game-day blockade by himself southwest of Commonwealth Stadium at 107A Avenue and 92 Street. The officer was outside his vehicle, which had its lights flashing to improve visibility.

At around 8:15 p.m., a man driving a white Chevrolet Malibu crashed into the barricades set up to keep pedestrians separated from vehicles.

The vehicle struck the officer "sending him flying through the air 15 feet before colliding with the officer's cruiser" at high speed.

Rise in Demand for Surveillance and Authentication Systems

Public safety and security is the first priority of governments across the world to ensure safety of citizens, organizations, and financial institutions. Citizens and enterprises face continuous threats from cybercriminals, natural disasters, and terrorist attacks. This has increased seaport security, which has use public safety and secu-

heightened border and land security agencies to



the demand for public given rise to the demand rity solutions. safety and security solu- for screening and scan- Governments around the 2016 to USD 456.56 Billion and security portfolio and The risk of terrorist attacks biometrics, and authentipolicy and regulatory has led to an increase in cation systems. Moreover, changes to enhance the (CAGR) of 13.0% during cial institutions from exterpublic safety and security the threat of cross-border security at critical infraspending. Illegal arms & terrorism, human traffick- structure. For instance, the drugs trafficking and ing, and separatist move- U.S. plans to deploy 1,900 immigration has led to ment has compelled home- scanners by 2015 as part of

ning, video surveillance, world are also making

public from possible terror- tures. ist activities.

disaster & cross border 2016.

the primary screening terrorism, need for strinmethod at airports; scan- gent government policies & ning can be used to check regulations for public the travelers and their safety, and increase in luggage to safeguard the attack on critical infrastruc-

The managed services According to new market segment is estimated to research report the public grow at the highest CAGR safety and security market during the forecast period. size is expected to grow Managed services enfrom USD 247.53 Billion in hances the public safety by 2021, at a Compound ensures safety of citizens, Annual Growth Rate organizations, and finanthe forecast period. The nal threats. Moreover, the major growth drivers of the professional services segmarket include rise in ment is expected to have criminal activities, natural the highest market size in

Tech centre to cater to needs of forces

"The technology centre will be under the aegis of BPR&D and is being set up on direction of Ministry of Home Affairs"

In a first of its kind in a national nodal resource terms of research and Centre (NPTDC) to meet identified projects. the technological needs of $\,\mathrm{A}\,$ senior IPS officer ment. the police forces for better explained that the idea to Meeran C. Borwankar, the around.

be under the aegis of Canada, the Canadian ogy and taking the com-BPR&D and is being set up Police Research Centre munity along for better on direction of Ministry of meets the needs of law policing.

India, the Bureau of Police centre for technology development. Research and applications in police, Similarly, in the US, there Development (BPR&D) in mandated to identify, is national Institute of collaboration with Indian develop standards, Justice to fulfill the special Institute of Technology provide appropriate technologies needs for (IIT) of Delhi is setting up technology based solu-state and local law a National Police tions and present a road enforcement agencies and Technology Development map for implementation of foster technology

Home Affairs. It will act as enforcement agencies in

research and develop-

coordination, combating set up the technology Director General of BPR&D terror attacks and gather- centre is based on the during national-level ing intelligence on the various police research conference on technology centres in the US and last month emphasized The technology centre will European countries. In the importance of technol-

Chennai: Face-detection technology CCTVs in T Nagar this year, says A K Vishwanathan

Chennai: City Police their way out after a robbery. Commissioner A K Vishwanathan on Sunday inaugurated CCTV cameras with face detection technology in the shopping hub, T Nagar ahead of Deepavali. identifying the usual sus-With crowds thronging T Nagar before the festival, police have their task cut out been fed into the system and in rounding up pickpockets and robbers who have field days every year at this time.

The crowd serves as a perfect cover for them as they sneak

In a rerun of their 2013 experiment, City police have installed at least 150 cameras with face detection technology to aid them in pects. "Pictures of more than 500 crime suspects have an alert would be sent to the control room if any of the cameras identifies a suspect to be among the crowd," a police officer said.

Kerala Police launch mobile apps

and ensure service delivery in room. quick time.

senior citizens, provides users dangerous situations without

The Kerala Police have the facility to send photos and having to dial any number. launched two mobile applica- details of the vehicle they are The application, which is tions to reach out to the public travelling to the police control available for both Android

Citizen Safety, an application Citizen Safety app is the panic Communication and that is meant to ensure safety button that allows users to Technology wing of the of travelling women and alert the control room during Kerala Police.

and iOS platforms, has been Another key feature of the designed by the Information







Dubai Police acquire new device to nab reckless motorists

A new smart device to catch offenders on roads is being installed as addition to existing radars and cameras to reduce serious traffic offences on the roads.

Dubai: Dubai Police have introduced a new device to catch motorists redhanded, who put other road users life in danger by jumping the queue in traffic offences on the has nine more advanced tailbacks, driving on the roads. hard shoulder or driving recklessly.

The Tirupati (Urban) police have, for the first time, decided to take maximum The police have resolved to any, among the devotees. advantage of technology make use of the fingerprint Brahmotsavams.



Major General Abdullah tional radars. Khalifa Al Merri, Com- "It is a system that includes cameras to reduce serious roads in the emirate and ers. It will help enhance

specifications than conven-

The new smart device to mander-in-Chief at Dubai the latest technology to catch offenders on roads is Police, said the new device help officers control and being installed as addition called 'Smart Controller', monitor serious traffic to existing radars and will monitor the external offences by reckless driv-

said.

Dubai Police.

"This device will crack Mazroui said. down on reckless drivers to Dubai Police have collabousers," he added.

Mazroui, Director of Traffic the new device. Department in Dubai Posafety tags with information personnel to track them in

Dubai Po- lice, said the new device is lice's strat- more advanced than existe q v t o ing devices and radars as it make the has high-resolution imagemirate as ery and accuracy.

safe as "It can be fixed on a fence possible," and can move automati-Major Gen- cally for some distance and eral Al Merri has advanced cameras that can read plate numbers The new and catch motorists indevice is volved in speeding using part of the hard shoulders. It will be smart tech- controlled by our officers nology being introduced by via an application on their smart phone," Brig Al

protect the lives of road rated with a Chinese technology company special-Brigadier Saif Muhair AI ised in traffic safety to build

like name, age and phone case children get lost in the number would be given to crowd. Photographs of the children at Tirupati and at children would also be taken select places in the hill town. to make use of the facial

Police to take the tech route

Briefing the media on Thursduring the annual identification and networking day, Tirupati (Urban) SP system to identify criminals, if Abhishek Mohanty said that This would enable police recognition technology.

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YC Modi appointed NIA chief, Misra new SSB DG



new chief of the National Investigation Agency.

Mr Modi, who was also part of the Supreme Court-appointed Special Investigation Team that investigated the 2002 Gujarat riot cases, will succeed Sharad Kumar, who will complete his had given two extentenure on October 30.

The NIA is the country's premiere investigating agency that deals with all aspects of terrorrelated cases. Mr Modi will remain NIA's director till his retirement on Samjhauta blast cases.

New Delhi: The Centre May 31, 2021, and will has appointed senior IPS take over as the officer officer Y.C. Modi as the on special duty in the NIA with immediate effect to ensure a smooth transition. He is a 1984 batch IPS officer of the Assam-Meghalaya cadre and is posted as the special director in CBI.

> Earlier the government sions to Mr Kumar to handle important investigations like the Pathankot terror case, terror attacks in Kashmir, Burdwan blast case as well as the

Motorola Solutions reveals its vision for smart policing



With many major cities facing a growing number of security threats, both physical and digital, the need for police forces to be smarter and more connected is greater than ever.

Many of the UK's top forces have been working with Motorola Solutions, which provides a range of devices and services to officers on the beat as well as their command centres.

The company has today unveiled a new "Innovation Center" in London which it hopes will spur on future technological development to allow police officers to cope with an ever-growing number of threats without drowning in the information deluge created by modern IT systems.

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