

Wednesday, November 4, 2015

The Official Show Daily

Thai DPM at ASEAN Security Talks Amid Maritime Issues

by ADJ Team

BANGKOK: Thai Deputy Prime Minister General Prawit Wongsuwon is in Kuala Lumpur for high level ASEAN talks and has met Malaysian Defence Minister Hishammuddin Hussein and counterparts to promote dialogue to achieve the goal of peace and stability for the region.

Minister Hishammuddin has said it was their task to work together to prevent unwanted incidents in Southeast Asia. "As defence ministers it is our responsibilities to ensure the stability of our countries and our people and as the region as well," he said when opening the ASEAN Defence Ministers (ADMM) retreat and Third ADMM+ Plus which kicked-off in Subang near the Malaysian capital city yesterday.

Thailand's Deputy Prime Minister and Defence Minister General Prawit is attending both events. *continued on page 4*



All ears - Thailand Deputy Prime Minister and Defence Minister, General Prawit Wongsuwon gives his full attention to the Special Defence Ministerial meeting, which is one of the sessions in the ASEAN Defence Ministers Meeting (ADMM) Retreat.

Secure your Seas with SAAB's Network-Centric Concept

Southeast Asian countries have a lot of territory to keep track of, on land and overseas. "It is a vast watery expanse where almost all the Southeast Asian countries have maritime territories," Carl-Erik Leek, Executive Vice President at Saab Asia-Pacific explains.

This means long coastlines to monitor and to keep secure. Southeast Asia is also a critical maritime region for commerce and resource, and its waters are vital sea lines of navigation and trade.

The situation calls for the most flexible and effective use of all of the available platforms to be able to meet a broader spectrum of situations and security threats.

"Each Navy wants a system that tracks all objects at sea, far beyond the horizon. A typical naval radar on the mast of a ship, 10 to 15 metres above sea level, has a radar horizon less than 40 km away. By comparison, an airborne early warning radar system (AEW&C) has the antennas high up in the sky in order to move the radar horizon much further away. An early warning aircraft patrolling at 6,000-10,000 metres altitude has a radar horizon some 300 to 350km away," Leek says. "If you connect the two with a robust and secure communication system you're creating a situation where the Navy is using real time information from the Air Force, linked directly from an AEW&C system. When a country has a system like this in

continued on page 4



AJBAN ISV

The AJBAN ISV is an internal security 4x4 vehicle fitted with a hardened 10 man cabin and equipped with gun ports, roof hatches and an integrated camera-based situational awareness coupled to a fleet-to-base intercommunication system. Optionally fitted with crowd control optical and audible deterrents. Visit our stand to learn more.





Visit us at stand A16

*Conquer The Elements
Gain The Advantage*



QUALITY. PERFORMANCE. PROTECTION





Regional meeting. Thailand Deputy Prime Minister and Defence Minister, Gen Prawit Wongsuwon (left) at the Special Defence Ministerial Meeting Regarding Defence Cooperation in the Straits of Malacca chaired by Malaysian Defence Minister, Hishammuddin Hussein. (far right)

continued from page 1

ADMM is the highest defence consultative and cooperative mechanism in ASEAN on matters related to defence. It is aimed at promoting mutual trust and confidence through greater understanding of defence and security challenges, as well as enhancement of transparency and openness.

ASEAN groups ten countries, namely Malaysia, Brunei, Cambodia, Indonesia, Laos, Myanmar, the Philippines, Singapore, Thailand and Vietnam while its eight dialogue partners in the ASEAN Plus are Australia, China, India, Japan, New Zealand, South Korea, Russia and the United States. ADMM Plus meeting will be on "ASEAN-Maintaining Regional Security and Stability For and By the People".

Any unintentional accident or incident in the South China Sea, if not managed will spiral into something bigger, warns Minister Hishammuddin.

He said the South China Sea issue

and other issues related to it would be discussed at the ASEAN Summit here at the Foreign Ministers-level.

"For us, what is important is to build a comfort zone and trust, but I can assure you that within the ten ASEAN Member States, we have the strong relationship and trust to ensure the centrality and commitment for stability in our region," he added.

The ASEAN countries involved in the overlapping claims in the South China Sea are the Philippines, Vietnam, Brunei and Malaysia while other claimants are China and Taiwan.

As part of ADMM, Malaysia held a special meeting on the Malacca Straits patrol with Indonesia, Singapore and Thailand to discuss freedom of navigation in the Strait.

Among other issues discussed in the three-day ADMM meeting are natural disasters, humanitarian relief and intelligence sharing among member

Defense & Security 2015 ADJ Today Team

Editorial Team: M Ghazemy Mahmud, Kelvin Fong, Adlinna Abdul Alim, Mohd Daim, Irman Moad, H B Warimann

Production Team: William Chan, Mohd Rezualirwan, Zati Hazirah Abd Rahim

Circulation Team: Ila Ashrap, Haini Aisyah Ghani

Chairman: Tunku Dato' Ya'acob

Publisher & Editor-in-Chief: Dato' Syed Hussain

Executive Publisher: Syed Mohd Fazilla

Associate Publisher: Hans Keller

Editorial Adviser: Adm (retd) Tan Sri Abu Bakar-RMN

Published daily at **Defense & Security 2015** by **SHP Media Sdn Bhd** which is solely responsible for its editorial contents. Copyright by **SHP Media Sdn Bhd**, publisher of **Asian Defence Journal**, 1203, 12th Floor, Block E, Phileo Damansara 1, No 9, Jalan 16/11, Petaling Jaya, MALAYSIA.

No part of **ADJ's Defense & Security 2015 Today** may be reproduced, stored in a retrieval system, transmitted in any form or by any means—electronic, mechanical, photocopying, recording or otherwise—without the prior written permission of the publisher. For the duration of the Defense & Security 2015 exhibition, **ADJ's Defense & Security 2015 Today** office will be at Q13.

states, and also stability in the region.

The Third ADMM-Plus, apart from the ADMM is an important biennial platform for dialogue partners to engage with ASEAN member nations on global, as well as regional security and defence issues.

Themed "ASEAN: Maintaining Regional Security and Stability for and by the People", it is Malaysia's final event as the ADMM chair before handing over the chairmanship to another member nation, Laos. General Chang Wanquan from China and US Secretary of Defence Dr Ashton Carter will be attending the ADMM-Plus meeting. ●

continued from page 1

place, demand for its data extends far beyond the air force."

The connected units in a Network-Centric Defence system can be ground based, on the sea and airborne. Various systems can be combined for different tasks and it will also change over time. Whatever the mission is, it should always be at least one command and control system to lead the operation, sensor systems to create the situation picture and a weapon platform – airborne, naval or ground based – to intercept the target. All systems should be connected to the

same network and share the information.

"Saab has a very long experience taking national capabilities several leaps forward helping customers to integrate new systems from a wide range of various suppliers. It's about supporting countries to move away from using equipment in stand-alone configurations to much more modern, inter-connected and information driven technology", says Leek.

Thailand's Network

Thailand today has interconnected and information-driven technology with 12

Gripen C/D fighters and two Saab Erieye AEW&C systems, based on the Saab 340 platform. With a number of interlinked ground stations around the country, they can receive all the data from the Erieye Airborne Early Warning radar system. The same data can also be sent to the Gripen force to give the aircraft full national air situation picture over a very long distance. Saab has also integrated entry stations for datalinks on two HTMS *Naresuan*-class frigates and the carrier HTMS *Chakri Naruebet*. ●



BRINGING IDEAS **TOGETHER**

The new Carl-Gustaf M4 represents an evolution in the capabilities of infantrymen. Offering a shorter length than its predecessor and weighing less than seven kilos, the multi-role weapon system allows soldiers to react quickly and effectively in any tactical situation.

We have used our *thinking edge* to develop a weapon system with innovation at its core – helping troops to remain agile and ensuring operational success.

➤ VISIT US AT **HALL 8, E1-E8, F1-F8**

www.saab.com/defenseandsecurity

สร้างแนวคิด **ร่วมกัน**

Carl-Gustaf M4 ใหม่แสดงให้เห็นวิวัฒนาการด้านความสามารถของทหารราบ ระบบอาวุธหลายบทบาทซึ่งมีความยาวน้อยกว่ารุ่นก่อนและมีน้ำหนักน้อยกว่าเจ็ดกิโลกรัมนี้ช่วยให้ทหารสามารถตอบสนองได้อย่างรวดเร็วและมีประสิทธิภาพในสถานการณ์ทางยุทธวิธีทุกรูปแบบ

เราใช้แนวความคิดที่ล้ำหน้าในการพัฒนาระบบอาวุธที่มีหัวใจสำคัญอยู่ที่นวัตกรรม ช่วยให้กองกำลังทหารมีความคล่องตัวเสมอและมั่นใจว่าจะประสบความสำเร็จในการปฏิบัติการ

➤ เยี่ยมชมเราได้ที่ **HALL 8, E1-E8, F1-F8**



SAAB

Nexter Mecar



In 1938, following the nationalisation of his armaments factories in France, Edgar Brandt founded Mecar in Brussels, where the original offices were located, and bought some land at Petit-Roeulx-Lez-Nivelles, 25 km to the south of the Belgian capital. In 2013, Mecar celebrated its 75th anniversary and a year later, Mecar became French again when it was taken over by Nexter.

The two companies offer a complementary product range, with

Nexter providing artillery and 120mm tank ammunition while Mecar provides ammunition for 25, 30, 76, 90, 105 and 115mm LAVs and tanks, together with 81 + 120mm mortar, 84mm + 106mm recoilless rifle ammunition, rifle grenades and hand grenades.

High-tech Ammunitions

Mecar designs and manufacture ammunition for land armies, mainly for armoured vehicles, medium and heavy

tanks, in particular from the 25mm to 120mm calibres.

The company have forged a strong reputation for the high performances of armour-piercing and HESH ammunition for the new MOUT combat environment (Military Operations on Urbanised Terrain). They also invented the bullet trap for rifle grenades, the latest model of which is fitted with a double-security electromechanical fuse and is currently in competition at the French DGA.

Today, the Belgian-French ammunition manufacturer has developed 30mm armour - piercing ammunition for both NATO and Russian cannons. They are developing HESH ammunition for 120mm tanks, programmable fusing for 90mm, 105mm and 84mm ammunition and new non-toxic fumigant compositions.

Mecar is finalising the IM materials load tests for the casting and press loads, and are introducing their range of ammunition for the 84mm Carl Gustav onto the NATO market. Their R&D department is developing combustible cartridge cases for the 90mm and 105mm tank guns.

Mecar exports more than 95% of its products, mainly to the Middle East, the United States, Europe and Southeast Asia. They have been shipping the products to NATO and non-NATO countries, including former members of the Warsaw Pact, since 1938. Their totally flexible production lines can manufacture and assemble all types of standard ammunition for NATO tanks and mortars. The production lead time is about 12 to 16 months after order, depending on the models to be produced. ●

British Keen on Industrial Coalition

By Kelvin Fong

The UK Trade & Investment (UKTI) gave an insight to ADJ Today on UK current and future involvement in the Southeast Asian region, namely Thailand. According to Rob Clark, Head of Defence and Security, as in other countries, Thailand has mandated technology transfer in weapons procurement. Among others, the transfer of technology will create many job opportunities.

As such, the UKTI is looking for opportunity to work with Thai industry to meet the technology transfer requirement. Therefore, UKTI was matching the right technology and capabilities to Thai companies for better collaboration.

Currently, UK companies' involvement in Thailand is mostly in the maritime and land-based sectors.

The Royal Thai Navy is already operating the HTMS Krabi, an OPV designed by

BAE Systems and built locally by Mahidol Naval dockyard. The navy is also looking to procure another OPV of the same design.

Clark also said that the navy is looking to build larger vessels either corvettes or frigates for its future needs. BAE Systems is offering a larger design to meet the requirement.

Apart from this, Thailand has also developed an 8x8 armoured fighting vehicle prototype and UKTI is looking for opportunities to work with DTI to fully develop the vehicle.

Clark also said Thai military was still using legacy equipment and in the near future, they will need replacement such the towed howitzer.

Clark said like Thailand, Malaysia is also looking for long term industrial partners with British companies. There were already Malaysian companies working with UK companies with some working

on system integration on naval vessels. He said some countries are working on their own platform but still waiting to procure sub-systems for their vessels. UK is waiting for that opportunity and is ready to assist in integrating such systems.

Clark also said the UK government is willing to work with countries in the region to overcome budget difficulties due to current economic situation. "The UK is in the region for the long term," he added.

Air Vice Marshall Nigel Maddox, Senior Military Advisor, in the meantime spoke about the maritime and border issues which affected all the countries in the region.

He said that though piracy may be down, human and contraband smuggling is still very active. Human smuggling must be solved with the utmost haste but it must be handled very carefully by all parties concern. ●



RECOGNIZING 35 YEARS OF SERVING THE ROYAL THAI ARMED FORCES.

AT LOCKHEED MARTIN,
WE'RE ENGINEERING A BETTER TOMORROW.

The legendary C-130H Hercules has served the Kingdom of Thailand since 1980, performing routine missions that are anything but routine. Now the C-130H has a worthy successor, the new C-130J Super Hercules. From resupply and combat delivery to maritime surveillance and reconnaissance, search and rescue, and nearly anything else the job calls for, no aircraft in history comes close to matching the versatility, flexibility and reliability of the C-130J. The Super Hercules carries cargo and personnel to places other aircraft can't go. And with more than 1.3 million proven flight hours, there's a reason operators around the world still say, "The question isn't what can a Herc do; it's what can't a Herc do." The new C-130J: The best choice for the Royal Thai Armed Forces.

Learn more at lockheedmartin.com/c130j



NIMR Unveils New Integrated Operations Centre in Abu Dhabi



NIMR, the military vehicle manufacturer based in the UAE announced the commissioning of a major new operations centre in Abu Dhabi.

The 37,000 square metre complex, which houses a new office building and showroom, as well as manufacturing, warehouse and testing facilities, will enable NIMR to grow production capacity to four vehicles per day, single shift, with additional multi-shift availability.

“This new facility, the first of its kind in the region, marks the start of a new era for NIMR as we grow our volumes, capabilities and range of products to meet the requirements of our other clients around the world,” said Dr Fahad Said Harhara, CEO

of NIMR.

The new complex, located 60 km north east of Abu Dhabi city at Tawazun Industrial Park was developed by Arabtec Construction.

The production lines at the new facility, which is scheduled for commissioning in 2016, are modular in design to allow for flexibility in terms of production volumes and model variants. Integral to the new facility is NIMR’s newly-built vehicle performance and durability track for testing, validation and demonstrations.

“This new state-of-the-art facility will help NIMR to enhance operational efficiency because design and engineering, development, prototyping, testing and serial

production will be integrated into a single complex,” said Dr Harhara.

“It will help us to advance our engineering innovation, comprehensive testing, implementation of the highest standards in design and manufacturing so we can continue to supply reliable vehicles and best-in-class desert performance,” he added.

NIMR is a subsidiary of Emirates Defence Industries Company (EDIC), UAE’s integrated defence manufacturing and services platform.

NIMR produces three classes of highly capable military vehicle, the AJBAN, HAFEET, and N35, which are suited to a diverse range of payloads and mission requirements. The climate-proven 4x4 and 6x6 variants are available in armoured on non-armoured configurations, with modular configurable crew capacity and payload, where protection and mobility is the focus of the design.

NIMR also provides full lifecycle management including Integrated Logistic Support (ILS), maintenance, repair, technical support and spares capability to manage the entire fleet and variants deployed.

Dr Harhara said the new headquarters would also support NIMR’s production activities in Algeria which were established in 2012 through a bilateral government agreement.●



KOREA-THAILAND

Defense Industrial Cooperation

กลาโหม อุตสาหกรรม ความร่วมมือ



Visit us at M1

Product

Product	Company	Booth
• Submarine, Destroyer, Frigate, Missile Corvette, LSV, ETC	DSME	K1
• FA-50 Light Combat Aircraft, KUH-1 Korean Utility Helicopter	KAI	J1
• 40mm Ammunition	Hanwha	L7
• Long Range Thermal Observation Device	Hanwha Thales	L8
• 155mm Self-propelled Howitzer Ammo.	POONGSAN	L1
• 105mm Towed Howitzer	HYUNDAI-WIA	L7
• 5.56mm Carbine	S&T Motiv	J7
• Intercommunication Set	Yeonhab Precision	K8
• Gun Barrel Automatic Inspection Robot	SDI	K7
• UAV, GPS Navigation Device	UCONSYSTEM	M1
• Helicopter MRO Service	UI Helicopter	
• Laser Aiming Device, Dot Sight, Thermal Sight	UTECH	

Company Booth

Product

Product	Company	Booth
• Thermal Imaging Camera, Thermal Weapon Sight, Night Vision	EO System	M1
• Long Range Day / Night Integrated Surveillance System	SKY Global Networks	
• Optical Sights for Artillery	Woo Kyung Optics	
• Tactical Sniper Scope, Night Vision Device	Focus Optech	
• NBC Gas Mask	SanCheong	
• Gun Barrel Automatic Cleaner	Bolyung Engineering	
• Reconfigurable Tactical Training Platform for Flight Simulator	Naviworks	
• Digital Surge Protection Solution	GROUND	
• NVIS Lighting Panel for Aircraft	KOMACO	
• Total Ground Support Equipment, Avionics and MRO for Aircrafts	ERAP KOREA	

Company Booth



Ministry of National Defense
Republic of Korea



Defense Acquisition Program Administration



Korea Defense Industry Association

SPIKE—Family of Multi-Purpose, Tactical Missiles

The Rafael's SPIKE family consists of missiles suited for land, air and naval platforms, multiple ranges and a variety of targets. The missiles in this family have a tandem warhead and sophisticated electro-optic CCD and IIR sensors for day/night all-weather operation. The missiles' lofted trajectories enable the warhead to strike the target at its most vulnerable location with pinpoint precision. The SPIKE Family members have a low life-cycle cost due to their high reliability, operational and logistic support and production commonality between members.

SPIKE NLOS—A Non-Line-Of-Sight, High-Impact tactical Missile

SPIKE NLOS is an electro-optically guided multipurpose missile for ranges of up to 25 km with pinpoint accuracy and midcourse navigation. The weapon system can be launched from land, air and naval platforms. Spike NLOS provides the gunner with the unique ability to attack targets at stand-off range with no line of sight. The Spike NLOS weapon system can be operated in either direct attack or mid-course navigation based on target coordinates only. These modes allow the force to defeat long-range hidden targets with pinpoint precision, damage assessment and to obtain real-time intelligence. The Spike NLOS electro-optical (EO) seeker incorporates a dual sensor capable of effectively engaging targets day and night, and in adverse weather conditions.

SPIKE-ER—Multi-Purpose Missile System for Combat Vehicles, Helicopters and Naval Vessels

The SPIKE-ER is an extended-range, multi-purpose anti-armor missile system designed for operation from various platforms, including helicopters, fast boats and combat vehicles. It can also be mounted on a tripod for ground operation. SPIKE-ER is capable of defeating targets at a range of up to 8 kilometers.

SPIKE-ER features a day and night seeker, tandem warhead, and retains the dual operation modes of SPIKE - Fire and Forget, as well as Fire and Observe and Update. This enables the gunner to switch between targets after launch, avoid friendly fire, conduct surveillance/damage assessment and attack hidden targets. SPIKE-ER additionally features a Fire and Steer mode, in which the gunner can launch the missile without pre-locking onto the target and manually steer it to the target (LOAL). SPIKE-ER can be equipped with a variety of warheads for a broad range of combat scenarios including, urban settings, anti-terror missions and low-intensity conflicts.

SPIKE-MR and SPIKE-LR—Precision Missile Systems for Infantry, Special Forces and Combat Vehicles

SPIKE-MR and SPIKE-LR are lightweight, 4th generation, man-portable missile systems that share many of the same features that combine to meet the

challenges presented by enemy forces. High hit probability against stationary and moving targets is provided by a state-of-the-art CCD / IIR seeker, for operation during day and night and in adverse weather conditions, and an advanced tracker and precision guidance system. Their lofted trajectories for top attack enable the warhead to strike the target at its most vulnerable location with pinpoint precision. SPIKE-MR and SPIKE-LR deliver maximum performance for urban combat, traditional battlefields, ground support and special missions.

SPIKE-MR operates in Fire and Forget mode with autonomous medium-range target engagement up to 2500m. SPIKE-LR has Fire and Forget and Fire and Update capability, and can engage targets at up to 5000m. Both missiles can be fired from an enclosure.

SPIKE-MR and SPIKE-LR feature a fiber optic data communication link that provides the gunner with the unique ability to attack hidden targets, update or switch to a more valuable target after launch, achieve pinpoint precision, avoid friendly fire, conduct surveillance/damage assessment, and obtain real-time tactical intelligence. SPIKE-MR and SPIKE-LR share the same command launch unit (CLU), thermal sight (TS) and identical missile technology. Both systems offer many of the same benefits, including high survivability, pinpoint accuracy and low life-cycle costs. ●



Looking at submarines - Deputy Permanent Secretary (1) for Defence, Admiral Anuthai Rattarangsi accompanied by defence ministry officials at the DSME booth.



nexTER
SYSTEMS

CREATING NEW REFERENCES IN DEFENCE | WWW.NEXTER-GROUP.COM

ASEAN Defence Industrial Collaboration: The Way Forward

By Adlinna Abdul Alim

Industrial collaboration has taken great importance since the end of World War II. The key economic driver that is facing countries in realising this, is affordability. Dwelling on the importance of this matter, the Thai Ministry of Defence, together with GML Exhibition (Thailand) Co Ltd organised a seminar entitled "Defence Industry Collaboration" against the backdrop of Defense & Security 2015.

The event brought together government officials from the region, as well as subject matter experts, in the knowledge and experience-sharing platform. Thailand's Deputy Permanent Secretary (1) Ministry of Defence, Admiral Anuthai Rattarangsi, opened the seminar, which also saw the attendance of the Chief of Defence Forces Gen Sommai Kaotira, the Royal Thai Armed Forces and Managing Director, GML Exhibition (Thailand) Co Ltd, M Gandhi.

The overarching concern addressed during the seminar was the trends in the defence industry across Asia-Pacific. For this matter, collaborative defence projects across the region were discussed,

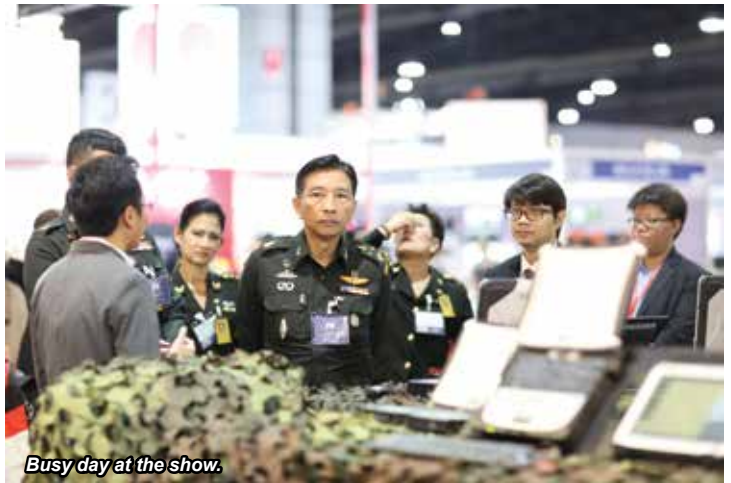


examining both collaboration with non-regional players, as well as bilateral and multilateral regional initiatives. Aside, subject matter experts who spoke at the seminar gave their viewpoints on the costs and benefits of defence collaboration from the European and United States standpoints, and how it could fit into Southeast Asian context. The seminar was separated in three consecutive presentations, which encompassed the success factors for defence industrial collaboration, and a closer look at defence R&D industry collaboration in Thailand. ●

Malaysian Deputy Defence Minister Johari Baharom smiling as he gets comfortable in the Deftech/First Win 4X4 armoured vehicle at Thailand's Chaiseri pavillion.



Guns galore at Defense & Security 2015



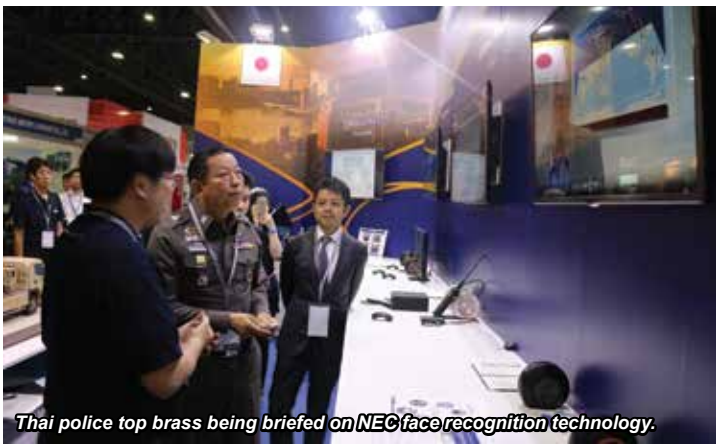
Busy day at the show.



Pistols galore at CZ arms booth.



Madam Noparath Koolhiran (centre) with foreign military brass at the Chaiseri pavilion.



Thai police top brass being briefed on NEC face recognition technology.



Thai armed forces officials being briefed on the latest systems at the show.



Oto Melara 76mm Strales gun at the Finmeccanica stand.



CZ P-09—Perfect Fit for Any Mission

šovka (CZ) utilises a new, extremely hard-wearing surface finish of the metal parts, markedly increasing their resistance to corrosion and abrasion. And it is not applied to the slide and barrel only, but also to some of the internal components that are made of metal. The new polymer pistols are - thanks to this feature- not only historically the most wear-resistant short firearms of the CZ brand, but also among the best surface-protected weapons on the current market.

The general shaping of the CZ P-09 model is optimised to the combat shooting. The “P zero niner” especially excels in the accurate rapid fire—despite its relatively low weight and the relatively rearward position of the centre of gravity, the muzzle rise (lift) when firing the 9x19 Luger and .40 S&W is small and return to the line of sight is rapid.

Hogue Inc produces for the CZ P-09 pistol (as well as for the smaller CZ P-07) some good concealed carry holsters made of plastic, alternatively a “paddle” and belt eye, as well as the service types. Especially for the armed forces a version of holster with thigh suspension and safety (level 2).

Also, an adapter for firing the Simunition and CQT marker ammunition has been developed for the armed forces, and the longer barrel allowing installation of a suppressor (silencer) will not be missing in the range of CZ products.

For the CZ P-09 and the CZ P-07, the popular conversion - the RONI of the second generation is being prepared. This still more and more popular “hood” allows an easy and rapid conversion of short handguns to “long” ones with appropriate improvement in accuracy, rapidity and comfort of firing. •

Model CZ P-09 is a modern pistol of standard size, serving the primary idea behind its conception, ie to create a short (spare) handgun for a member of a combat unit. The “P zero niner”, however, is fully utilisable as a personal defence or sports weapon of a civilian shooter. In 2013 it was even officially approved for use in the Production Division of sports shooting according to the IPSC regulations.

CZ P-09 enters the market in the calibres 9x19 (9mm Luger), .40 S&W and 9x21 IMI. For the “niner” version, the magazine of 19 round capacity is available. The magazine for the “forty” takes 15 rounds, with the same overall height of the gun—147mm. The breech of the pistol is locked by prismatic end of the barrel into a sizable ejection port. The drop (linkdown) of the rear of the barrel is controlled by an open link in the shape of two lugs at the bottom of the barrel. The controlling element is the traditional breech lock pin, doubling as the joiner of the breech assembly with the frame (body, receiver). The frame of the pistol is made of heavy-duty glass fibre-reinforced polymer. Its edges at the exposed places are rounded, while the size of the ergonomically-shaped grip can be adjusted by using three exchangeable back strips (S, M and L), part of the standard kit. The grip is factory-fitted with the narrowest backstrip, the S, as experience shows most of the shooters are happy with this fit.

The front of the frame has the MIL-STD-1913 (Picatinny) rail with five cross-wise grooves. Two steel containers in the plastic body have in their upper part the internal guides of the slide and carry the components of the OMEGA SA/DA mechanism, where the user may choose between the safety and decocking arrangement. The plastic safety or decocking levers are ambidextrous, while the slide release is only on the left hand side of the frame. The magazine release of metal, located at the trigger guard base, could be changed from being right-handed to left-handed. The external hammer is shaped to allow easy and safe handling. The straight trigger ensures positive reach of the index finger during the DA shooting. The automatic firing pin block adds to the drop safety. To speed up reloading, the magazine-well bottom is fitted with a funnel.

The CZ P-09 pistol has the steel sights as a standard fit; they are visually enhanced with three white luminous dots; the sights with optical fibres or tritium enhancement could be bought extra. Due to the fact that the gun is a service one, the striking spring support base has an eyelet for a suspension sling.

On the CZ P-09 (and on its smaller sister, the CZ P-07) Česká zbro-



Pictorial Highlights

Top brass, VIPs, and delegates during the Defence & Security 2015 opening ceremony.



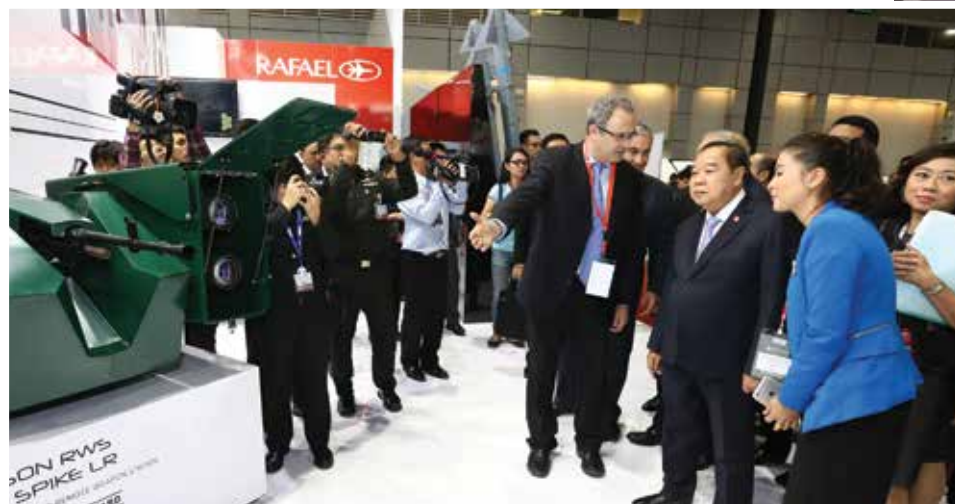
First Win-Infantry Fighting Vehicle (left) and Reconnaissance Vehicle (right) on display at Chaiseri.



Among the products being displayed at China's NORINCO.



Rockets and shells by OFB at the Indian Pavilion.



Rafael's representative briefing Gen Prawit on Rafael's Samson RWS with Spike LR.

Pictorial Highlights



Welcome, sir! Thailand Deputy Prime Minister and Defence Minister, Gen Prawit Wongsuwan arriving at Defence & Security 2015 exhibition.



Air Vice Marshal Nigel Maddox, Senior Military Advisor with Royal Brunei Air Force's Commander, Col Shahril Anwar at the UK Trade & Investment Pavilion.

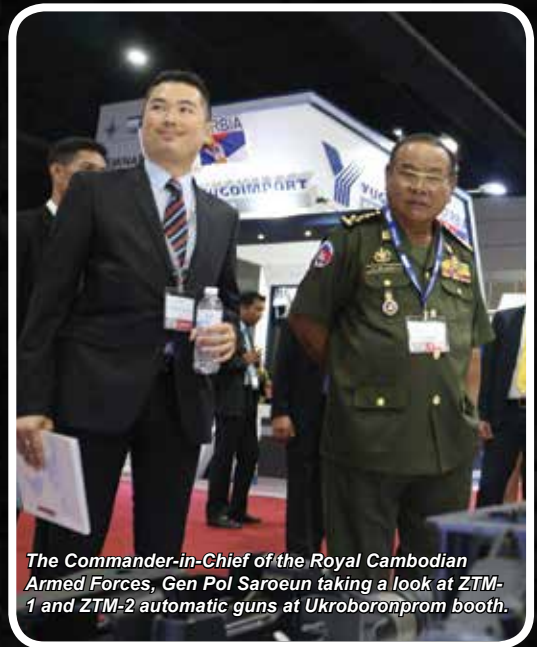


Royal Malaysian Air Force Deputy Chief, Lt Gen Affandi being briefed about the ERAP UAV at the Korean Pavilion.





The Decod X'plorer RV300 UGV catches Gen Prawit Wongsuwon's attention during his visits to the exhibition.



The Commander-in-Chief of the Royal Cambodian Armed Forces, Gen Pol Saroeun taking a look at ZTM-1 and ZTM-2 automatic guns at Ukroboronprom booth.



Lockheed Martin official briefing Indonesian Air Force officers on the C-130J Hercules.



C-RICH Co Ltd

C-RICH specialises in anti-riot ammunition and anti-riot gun for more than ten years to worldwide customers. This arms manufacturer also specialises in:

Anti-riot ammo ranges including 38/40mm CS tear gas grenade, 38/40mm rubber ball grenade, and CS hand grenade.

Stun (sound) grenade, coloured smoke grenade, CS liquid solution, and 40mm foam impact grenade, among others.

Anti-riot gun ranges including 38/40mm single shot launcher, 38/40mm with six rounds multiple shot launcher.

The company also supply various kinds of anti-riot equipment such as anti-riot suit, helmet, shield, and baton.



COLT

US based Colt provides weapon systems for every role of the modern warfighter, from the basic infantryman to elite Special Forces. Introducing the CM902-CSS, a modular monolithic sniper rifle, which will propel the modern long-range marksman and sniper into the future at the same time, providing the durability and versatility that today's security environment demands. Complementing this innovative rifle, Colt also introduces the R0950 family of modular, monolithic carbines chambered in 5.56x45mm NATO and .300 Blackout with 26.67cm, 29.21cm and 36.83cm.



Crown Industries Co Ltd

Thailand's Crown Industries Co Ltd is the authority distributor/agent/representative for various principals overseas for supplying the following items to the Royal Thai Armed Forces and many other government agencies:

- Weapons, ammunitions, components, loading machines for ammunitions;
- CBRN/CBRNE projection suit and masks;
- CBRN detoxification decontamination products;
- EOD/IEDD equipment and devices equipment;
- Body protection equipment and body armour vest.
- Aircraft protective system (chaff & flares);
- Signalling and search and rescue equipment;
- Pyrotechnic items and explosive devices;
- Aviation gun and ammunitions; and
- Training and simulation equipment.

Forjas Taurus SA

Forjas Taurus SA is a Brazilian public company based in Porto Alegre, Rio Grande do Sul. Widely known as Taurus, the company was founded in 1939, it currently has seven industrial plants: six in Brazil and one in Miami, US.

Taurus is consolidated as one of largest Brazilian companies and one of the main representatives in the global defence and security market, exporting products to over 70 countries. Its prominence in the America reflects its commercial success.

Taurus is offering larger framed models handguns such as the Raging Bull (.454 Casull) and Raging Hornet (.22 Hornet) revolvers as well as the The Judge 5-shot revolvers (.410 bore and .45 Colt).



GLOCK

"The best product for the best value" is the tagline for one of Austria's top gun makers. With this commitment to uncompromising quality, GLOCK is able to grasp the leading position in the world market for defence products. GLOCK uses advanced manufacturing methods, as well as high-tech concepts to design revolutionary products like the new GLOCK slimline Pistols (GLOCK 43) or the GLOCK pistols in MOS configuration.

Kalashnikov Group

Kalashnikov Group is Russia's largest manufacturer of combat automatic, assault and sniper rifles, artillery guided projectiles, precision weapon and a wide range of commercial products including hunting rifles and shotguns, sporting rifles, machines and tools. Kalashnikov has acquired 51% of shares of "Euroyachting Rybinskaya Shipyard", which produces the best Russian military and civilian boats, and Zala Aero, Russian only drone manufacturer, to accomplish its mission of developing new segments of the market.

The Russian company is widely known for its AK-47 assault rifles.





MAKİNA VE KİMYA İENDÜSTRİSİ KURUMU

MKE, with its experience rooting back to the 15th century, is one of the leading companies in the Turkish defence industry, keeping modern and high technology in priority. The company, having a large range of products, not only serves the Turkish Armed Forces but also takes share in the international defence industry market by exporting to more than 70 countries.

MKE with its ten modern factories and 5,600 experienced personnel keeps its range of production in four main groups as follows:

- Ammunition Group;
- Rocket Group;
- Weapon Group; and
- Explosives/Powders and Pyrotechnic Products.

Poongsan Corp

Poongsan Corp is one of the world-famous Korean-made ammunition manufacturer and supplier. They are well-known as domestic and international supplier of almost

every kind of ammunitions currently used in the military. Since its establishment in 1968, Poongsan has also grown into one of the world's largest suppliers of copper and copper-based alloy products. The Korean government designated Poongsan as a general ammunition manufacturer in the early 1970s and, since then, the company has been contributing in making national defence a self-reliant and dependable institution.

"Come and experience the wonderful new world of defence and technology we unfold for you."

Sarsilmaz Silah Sanayi

Sarsilmaz Silah Sanayi, with its 135 years of production experience in the light firearms sector, is not only one of the biggest producers in Europe, but also the sole pistol supplier of the Turkish Armed Forces. Sarsilmaz also manufactures most of its products for export to 75 countries, and have been attending all defence shows all around the world. Their product group includes pistols, revolvers, shotguns, assault rifles and submachine guns among other assault weapons.

TISAS

Turkey's TISAS is a leading producer institution in the field of gun industry since 1993 and has an annual capacity of 45,000 guns with its developing technology. TISAS produces approximately 30 different models and different calibres. In addition, TISAS uses cold forging technology for producing its own barrel. TISAS has Security and Production Licence from the Turkish Ministry of National Defence since 1998 and ISO 9001 Quality System. TISAS export its products to 30 different countries in the world.



Verney-Carron

Verney-Carron, the oldest French gun maker based in Saint-Etienne, which has been making firearms under that name since 1820. The company manufactures less lethal solution globally, especially to law enforcement agencies dealing with protestors and demonstrators. The company's product range comprises the famous Flash-Ball, a 40 mm launcher, pump action semi-automatic shotguns and hand grenades. ●



CZ SCORPION EVO 3 A1

THE SUBMACHINE GUN IN 9X19 MM CAL., MODERN,
SIMPLE AND RELIABLE UNDER ALL CONDITIONS WITH
EXTREMELY FRIENDLY ERGONOMICS

VISIT US AT
DEFENCE & SECURITY
THAILAND 2015
AT BOOTH NO. M18

- THE FASTEST RELOADING EVER
- THE FASTEST DISASSEMBLING AND ASSEMBLING
- DESIGNED FOR RELIABILITY AND PERFECT MAINTAINABILITY
- TRADITIONAL CZ ERGONOMICS AND SHOOTING COMFORT
- EXTREMELY TOLERANT FOR AMMUNITION QUALITY



WWW.CZUB.CZ

INFO@CZUB.CZ

FACEBOOK.COM/CESKAZBROJOVKA.CZ