



**Integrated Air  
& Missile Defence  
Eastern Europe**

**Holdings and Requirements Report 2016**

## Introduction

Air and missile defence programmes and requirements continue to evolve at a rapid pace. The threats posed by Russia in Europe have prompted increased ballistic missile defence initiatives in the region.

Eastern European states are faced with a variety of airborne challenges to the command of their air space, their infrastructure and citizens; these include the return of more traditional ballistic missile threats and hostile aerial reconnaissance, in addition to more general trends in the realm of air defence.

This report is for reference only It is available as a complimentary resource for all those involved within the industry and those attending Integrated Air and Missile Defence Eastern Europe 2016, taking place 26 - 28 July at the National Military Circle in Bucharest, Romania.



### Disclaimer

The information contained in this document is intended for research purposes only. Defence IQ accepts no responsibility for the use of this information or for its continued accuracy. All information is subject to change.

## AIR AND MISSILE DEFENCE EASTERN EUROPE - Country Analysis



### Georgia

Almost \$90 million has been allocated for the purchase of new air defence systems, although the types of weapons to be purchased have yet to be revealed.



### Hungary

The Mistral short-range surface-to-air missile systems of the Hungarian Defence Force (HDF) are to be upgraded by MBDA.



### Latvia

More RBS-70 surface-to-air missiles are to be acquired and either the Polish Grom or U.S. Stinger MANPADS systems will be procured.



### Poland

8 batteries of Patriot missiles are to be acquired, with the first 2 arriving in 2018 and the balance by 2025.

The mid-range air defence (MRAD) batteries will be complemented by two lower tier systems, all linked together in what has been called The Shield of Poland.



### Romania

Romania is looking to upgrade its HAWK batteries.



### Russia

The Verba MANPADS is being delivered to the Russian Airborne Forces.

6 PANTSIR-S short-range air defence systems have been delivered to the Russian Air Defence Forces for defence of Moscow.

The S-500 is under development, for service entry in 2018.

## GROUND BASED AIR DEFENCE HOLDINGS

Country	Current air defence holdings	Future acquisition plans
Albania	HN-5 MANPADS (Army)	
Belarus	SA-3; SA-5; SA-8; SA-11; SA-13; S-300PS/V (Air Defence Forces)	
Bosnia and Herzegovina	SA-13; 6 SA-9; 20 SA-6 ; SA-14; SA-16 (Air Defence Brigade) AA: 9 BOV-3 SPAAG 20MM; 38 M53/116 M-53-59 SP ; 6 ZSU 57/2 SP; 32 M-55A2/4 M38/1 M55A2B1/293 M55 A3/A4/138 M75; 29 ZU-23/9 GSh-23 23MM; 33 M-53 30MM; 7 Type-55 37MM; 31 L60/16 L70, 2 M-12 40MM (Air Defence Brigade)	
Bulgaria	SA-7; 24 SA-8 (Army) AA: 400 – KS-19 100MM; S-60 57MM; ZSU-23-4 SP/ZU-23 23MM (Army) S-300; SA-2; SA-3; SA-5; SA-6 (Air Force)	
Croatia	AA: 9 S-10; 39 BOV-3 SP; 57 M55A4 (Army) S-300; SA-9; SA-14; SA-16 (Air Force)	
Czech Republic	SA-7; RBS-70 (Air Force)	
Estonia	Mistral (Army)	

Country	Current air defence holdings	Future acquisition plans
Georgia	SA-7; SA-13; SA-14; SA-16 (Army) 8 SA-8; 1-2 Battalions SA-11; 6-10 Osa-KM (Air Force)	
Hungary	6 SA-6 (24 Launchers); 45 Atlas Twin Launchers with Mistral 2 (Air Force)	
Latvia	RBS-70 (Air Force) 24 L/70 40MM (Air Force)	
Lithuania	Stinger (Army) RBS-70; Stinger (Air Force)	
Macedonia	8 SA-13; 5 SA-16 (Army) AA: 36 L20 40MM (Army)	3-4 Low Altitude Air Defence Missile Batteries to be procured by 2020 for Air Force Brigade.
Moldova	AA; 28 ZU-23 23MM; 11 S-60 57MM (Army) SA-3 (Air Force)	
Poland	20 SA-6; SA-7; 64 SA-8 (Army) AA: 8 ZSU-23-4 SPAAG 23MM SP; 20 ZSU-23-4MP 23MM SP; 252 ZU-23-2 23MM; 72 ZUR-23-2 KG/PG 23MM (Army) 17 SA-3M GOA Batteries (51 Launchers); 1 SA-5 Battery (6 Launchers) (Air Force)	Ballistic Missile Defence Site with SM-3 IIA Missiles is to be deployed by 2018 in agreement with the U.S.A.

Country	Current air defence holdings	Future acquisition plans
Romania	AA: 24 GDF-203 35MM; 42 Gepard 35MM SPAAG (Army) 6 SA-2; 8 Hawk PIP III (Air Force)	Looking to upgrade its HAWK batteries.
Russia	400 SA-8; 350+ SA-11/17; 400 SA-13; SA-14; 120+ SA-15; SA-16; SA-18; 250+ SA-19; SA-24 (Army) AA: ZSU-23-4 23MM SP; ZU-23-2 23MM; S-60 57MM (Army) 150 S-300PS/PM; 48 S-400 TRIUMF; 24 PANTSIR-S1 (Aerospace Defence Forces) 20 SA-8; 50 SA-9/13; 8 S-300PS; 8 S-400 (Marines) AA: 60 ZSU-23-4 (Marines)	S-500 under development, for service entry in 2018.
Serbia	77 SA-6; SA-7; 12 SA-9; SA-16; 5 SAVA S10M (Army) AA: 36 L70 40MM (Army) 6 SA-3; 9 SA-6; SA-7; SA-16 (Air Force) AA: 24 L70 40MM (Air Force)	
Slovakia	SA-7; SA-13; SA-16 (Army)	
Slovenia	6 Roland II; 36 SA-16; 96 SA-18 (Air Element)	
Ukraine	SA-8; SA-13; (some S-300V in store) (Army) AA: ZU-23-2 23MM SP; 70 2S6 30MM; 400 (EST.) S-60 57MM (Army) 250 S-300P/PS/PT; 72 SA-11 (Air Force)	



# Integrated Air & Missile Defence Eastern Europe

26 - 28 July 2016

National Military Circle, Bucharest, Romania

In association with the official support of Romania Defense Industry Employers' Organization, here is what's new for this year at IAMD EE:

1. What is the future of regional coordination between and integration of Air Defence and Early Warning assets? How far have nations progressed with their national integration efforts?
2. Take part in discussions regarding the upgrade of National radar arrays. How are nations planning to pool these assets and mutually benefit from their early warning capabilities?
3. A specific focus on the countries in the region with the most significant requirements and challenges - how can their neighbours learn from their experience of Air Defence and the value of the current industry solutions to those nations?

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**Email**  
enquire@defenceiq.com

**Telephone**  
+44 (0) 20 7368 9737