

# The S-400 for formidable air defence



Armed with three types of missiles to create a layered defence, the S-400 Triumf (NATO reporting name: SA-21 *Growler*) is an air defence missile system developed by Almaz Central Design Bureau of Russia. Essentially an upgrade of the S-300 series of Surface-to-Air Missile (SAM) systems, this replaced the S-300P

and S-200 air defence systems of the Russian Army from April 2007 onwards. Likely to enter service of in Indian Air Force, the proposed \$ 5.5 billion deal has been cleared by Defence Acquisition Council (DAC). Capable of simultaneous engagement of 36 targets, the system can engage all types of aerial targets including aircraft, Unmanned

Aerial Vehicles (UAV), and also ballistic and cruise missiles within the range of 400 km, and at an altitude of up to 30 km. The rapidly deployable system again is stand-alone and integrates a multifunction radar, autonomous detection and targeting systems, anti-aircraft missile systems, launchers, and the Command & Control (C&C) centre.

