

# SCHIEBEL PRESS



## UAV SUCCESS FOR OAO GORIZONT AND SCHIEBEL IN RUSSIA

**Vienna, Rostov-on-Don, 30 June 2011 – OAO Gorizont (Russia) and Schiebel (Austria) have joined forces to deliver an Unmanned Air System (UAS) in Russia based on the famous and proven S-100 unmanned helicopter. One UAS will be soon in operational use for a government customer.**

The focus for the collaboration is the civil UAS market in Russia and the opportunities for this helicopter drone are extensive over the next few years, ranging from agricultural, wildlife and forestry surveillance to the monitoring and inspection of specific structures, such as nuclear power plants, hydroelectric facilities, spaceports and pipelines. On a wider and more federal front, by being able to provide real time and highly accurate information to the user on the ground, it is ideally suited to major applications such as land and maritime border control and enforcement.

A VTOL UAS adds unique flexibility to operations and delivers capability that manned helicopters, airplanes, and even fixed-wing UAVs cannot offer. Its long endurance, small logistic footprint and very low operating costs, as well as the ability to hover for extended periods of time, whilst providing operators with extensive fields of view by both day and night, make it the ideal platform for a wide range of operations.

“We have been working in the area surveillance and security for many years and are very pleased to now include and use the proven S-100 to the benefit of our customers. Applications for the drone are many – in both the military and civilian fields. This venture offers new opportunities for the benefit of both our companies.” said Igor Khokhlov, JSC Gorizont General Director.

As Hans Georg Schiebel, Chairman of the Schiebel Group commented “I am excited by this unified approach; both companies share a vision for creating and supporting the latest and most versatile technology and products to ensure that our customers get the best capability available on the market today.”

Visitors can see for themselves the highly versatile and fully autonomous helicopter drone at the International Maritime Defence Show IMDS 2011 in St. Petersburg, Russia, from 29 June to 3 July 2011 at booth number 7, showcase Nr.732.

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## **About Schiebel:**

Founded in 1951, the Vienna-based Schiebel Group of companies focuses on the development, testing and production of state-of-the-art mine detection equipment and the revolutionary CAMCOPTER® S-100 Unmanned Air System (UAS). Schiebel has built an international reputation for producing quality defense and humanitarian products, which are backed by exceptional after-sales service and support. Since 2010 Schiebel offers the new division composite and is able to supply high-tech customers with this high-quality carbon fiber technology. All products are quality-controlled to meet ISO 9001 standards. With headquarters in Vienna (Austria), Schiebel now maintains production facilities in Wiener Neustadt (Austria), and Abu Dhabi (UAE), as well as offices in Washington DC (USA), and Phnom Penh (Cambodia).

## **About Gorizont:**

Over a period of 50 years, the Gorizont open joint-stock company has held a firm place in the Russian market among manufacturers of shipboard navigational radar stations and coastal radar surveillance complexes. The radars produced at Gorizont ensure safety for ship motion and benefit to the guard borders of Russia. During last 10 years, the company has been developing the international market, where the goods of JCS Gorizont have been evaluated to meet the international standards for technical level, quality, user-friendliness and design. For the last 3 years, the product line has been completely renewed and branched out into new types of products, such as control systems for shipboard use, integrated bridge systems, industrial LCD displays, multifunctional panels with sensor control or NRS for airfields.

## **About the Unmanned Air System:**

Schiebel's and Gorizont's Unmanned Air System (UAS) is a proven capability for military and civilian applications. The Vertical Takeoff and Landing (VTOL) UAS needs no prepared area, supporting launch or recovery equipment. It operates day and night, under adverse weather conditions, with a beyond line-of-sight capability out to 200 km, both on land and at sea. The helicopter navigates via pre-programmed GPS waypoints or is operated with a Pilot Control Unit. Missions are planned and controlled via simple point-and-click graphical user interface and high definition payload imagery is transmitted to the control station in real-time. Using "fly-by-wire" technology controlled by a triple-redundant flight computer, the AV can complete its mission automatically. Its carbon fiber and titanium fuselage provides capacity for a wide range of payload/endurance combinations up to a service ceiling of 18,000 ft and, in the standard configuration, carries a 75 lbs / 34kg payload for over 6 hours.

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