



# News

***For Immediate Release***

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## **Syntonics Delivers FORAX RF-over-Fiber Systems to Pentagon Renovation Project**

COLUMBIA, MD. October 17, 2005 . . . Syntonics LLC, based in Columbia, Md., announced today it recently completed deliveries of a number of FORAX-SC2 systems to General Dynamics Network Systems for the Pentagon Renovation (PenRen) project. A FORAX-LOS4 system was also delivered recently to a foreign military service.

The FORAX<sup>®</sup> RF-over-fiber system connects tactical radios to remote antennas at distance up to 10 km. Instead of using heavy, short, lossy coaxial cables—one per radio—the operator can use a single long, lightweight, and secure fiber optic cable for all the radios. Initially developed for the U.S. military, FORAX<sup>®</sup> applications include fixed-site and transportable command centers, secure compartmented information facilities (SCIFs), and difficult installations. In the case of the PenRen project, various tactical radios are located in national command facilities within the Pentagon and connected using the building's fiber optic network infrastructure.

"Syntonics worked with us by developing some changes to their product to meet specific PenRen requirements, they delivered on time, and their hardware worked as advertised from the moment we powered it up," said Bob Carroll, RF Lead for General Dynamics' PenRen Project. "General Dynamics is installing a modernized telecommunication back-bone infrastructure throughout the Pentagon. FORAX<sup>®</sup> lets us conveniently route RF signals using that infrastructure. It's a real problem-solver for us."

Syntonics designs, develops, and manufactures specialty military RF communications equipment and unusual antennas. For more information on Syntonics and its products, please see the company's website at [www.SyntonicsCorp.com](http://www.SyntonicsCorp.com).