

February 2009

## A major Military Contractor selects ALPHI Technology Corp. to Design its new Synchro Resolver System.

ALPHI Technology's experience and expertise in Advanced System Designs, and reputation for top of the line Customer Service, convinced this major supplier of sophisticated Military Defense Systems, to partner to develop a new line of Synchro Resolver utilized in the control and monitoring of Gun Firing application for the US Navy.



Because ALPHI Technology is also a Leader in I/O's and single Board/functions, the Alphi CPCI-6713B-4IP, powerful DSP Based Carrier/Manager board is one of the main components of the Intelligent Gun Director.

### **Some of the Features:**

- Fully compatible with Transmagnetics 3800C Synchro Simulator instructions set.
- Two (2) independent two-speed synchro simulators
- Programmable coarse/fine ratio for each of the Synchro simulators is between 1:1 and 99:1.
- Programmable output Of each channel for static angles, to any desired angle between 0.00 and 359.99
- Any channel can simulate a rotating component
- The resolution for the speed parameter is 0.01 degree/second
- Each channel can be programmed to oscillate about a selected angle.
- Each channel can be programmed to go from a start angle to a stop angle at a set rotational speed (rate).
- IEEE 488 Interface for commands



For more information about ALPHI Products please call Serge Roussel at 480-838-2428 or go to: [www.alphitech.com](http://www.alphitech.com)