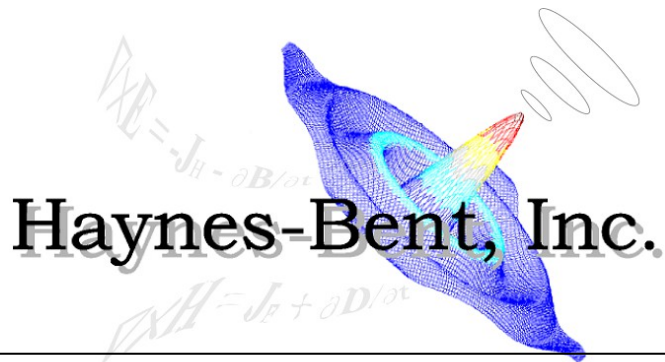


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Capability Statement

- 1) **Electromagnetic (EM) Structure Design** – Structures include but are not specific to antennas, shielding, adjacent structure effects and EMC analysis. Well versed in many of the popular EM simulation tools (HFSS, CST, etc.) and have in-house software.
- 2) **CAD and PCB Layout Capabilities** – We have a multitude of CAD capabilities including general documentation, 3D CAD and format conversions.
- 3) **Data Work** – We have resources for database creation, server setup, data manipulation/analysis and database conversion. [mySQL, Postgres, etc.]
- 4) **Circuit Design** – Anything from digital to analog. Electromagnetics from DC-infinity. We can work with signals on board and over-the-air up to about 8GHz Rx/Tx and up to 26.5GHz Rx. Experience with all RF circuits but also power supplies and high speed data communications.
- 5) **Programming** – We have resources with experience in many different languages and can help with work from GUI development to embedded coding.
- 6) **System Analysis/Design and Project Planning** – We can do the up front work to get your projects going, shorten the development time and/or get you back on track.
- 7) **Automated Testing** – We can consult on direction for testing products especially with respect to RF performance. If needed, we can create a test system either for manufacturing or prototyping. We can work with your manufacturing on setup.
- 8) **Vendor/Manufacturer Evaluation** – We can evaluate components or systems for potential use in your products (i.e. test or manage testing of antennas). We can evaluate a manufacturer from a technical standpoint especially with respect to ability to work with RF.
- 9) **Prototyping:** We have industry contacts for quick turn and medium scale manufacturing.

We can provide services on a project basis and/or staffing type basis. We are a C Corporation and have necessary Federal contractor certifications and/or registrations (SAM, DoD, NASA etc.).