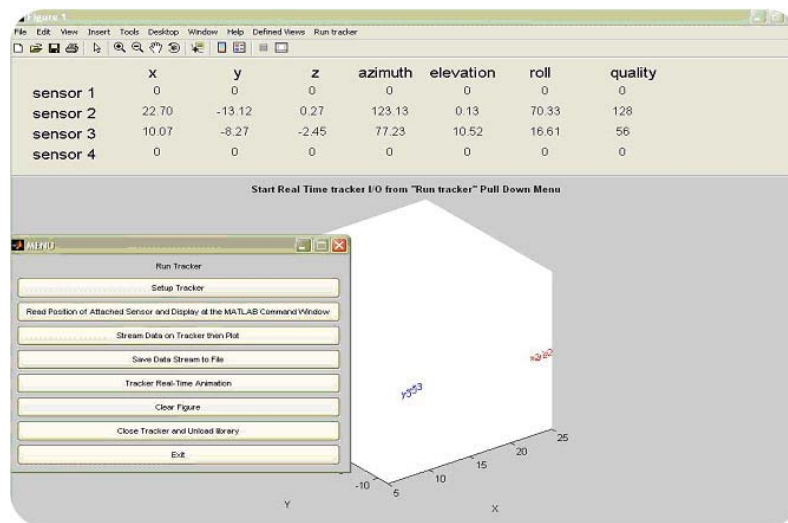




ATC Announces MATLAB Toolset For 3D Guidance Trackers

BURLINGTON, VERMONT; May 20, 2010: Ascension Technology Corporation (ATC) is pleased to announce the development of a **MATLAB Toolset** for its product line of 3D Guidance trackers – driveBAY, and trakSTAR. The **Toolset** will help researchers easily measure and manipulate ATC tracker systems in the MATLAB environment. MATLAB is a popular PC-based numerical computing environment available from The MathWorks Corporation.

MATLAB (MATrix LABoratory) was first developed in the late 1970s, then rewritten and refined with the founding of MathWorks in 1984. Today more than one million people in academic and industry research use MATLAB. It uniquely enables complex data manipulations while interfacing with computer programs written in other languages.



Sensor data visualization functions initiated from Ascension's MATLAB resident GUI.

The **Toolset** is a collection of m-file functions, callable from the MATLAB command line and other user-written functions. The Toolset functions can be initiated from a supplied MATLAB resident Graphical User Interface (GUI). The **Toolset** m-file functions also serve as code examples for users wishing to directly interface with tracker hardware via calls to Ascension's well-documented Application Programming Interface (ATC3DG.DLL API).

For example, the **Toolset** enables visualization of sensor positions with a real-time update of multiple sensors' position and orientation, and/or streaming a moving sensor's time-stamped position and orientation to a text file for subsequent analysis.

Emmett Hughlett, Ascension's Director of New Product Development states, "We are very pleased to offer customers the MATLAB Toolset. It is the result of cooperative development with universities and research labs. Even a novice MATLAB user will be up and running a tracker in a matter of minutes. If the user can write a simple m-file, he or she can create custom data manipulation and graphics immediately."

According to Andrea Bajo at Columbia University, Ascension's new Toolset has already made a difference in her work. "It cut down my coding process time terrifically" since "all routines can be run in a real-time applications" mode. Interfacing trakSTAR to "such powerful engineering software makes registration, calibration, and visualization of data extremely easy."

Ascension Technology Corporation, based in Burlington, Vermont (USA), makes magnetic and optical tracking devices for real-time measurement, navigation, and control purposes. Its trackers are popularly used worldwide in simulation, animation, virtual reality, biomechanics, and medical applications. More information is available at www.ascension-tech.com.

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