MotoHawk Training Agenda

	Day 1	Day 2	Day 3
Morning	Welcome MotoHawk Introduction Check Installation Basics of Simulink and MotoHawk Simulink Model Build and Flash First Model	RTI Triggers and Interrupts Faults and Fault Management Throttle Project with Faults Data Storage Lookup Tables	CAN Based Throttle Project
Afternoon	MotoHawk Blockset Overview Basic I/O Calibration, Probes, and Overrides Throttle Project	Throttle Project with Lookup Tables Anatomy of a CAN message CAN/Packing MotoHawk CAN Blocks	Class Specific Content or Engine I/O Encoder, Spark, Injectors Questions

Software Requirements

Persons attending the training must have a Windows laptop (XP or Windows 7) with the following software installed in order to participate in the hands-on projects.

From Mathworks (www.Mathworks.com)
- Matlab, Simulink, Simulink Coder, Embedded Coder.

From Kvaser (www.Kvaser.com)
- Kvaser CANKing (free CAN trace tool)

From Woodward: (http://www.woodward.com/software.aspx)

- **MotoHawk**
- **MotoServer Runtime**
- **MotoTune**
- **GCC PowerPC eabi 4.6.0**

Downloads are available from the Software page of Woodward.com. Type a key word into the search box (ex. type MotoHawk or MotoTune). Licenses for the Woodward tools will be provided.

Notes:
- ► We will be using the latest SP MotoHawk release, but this version is not required. If you have another version available or installed this will be fine. MotoHawk supports Matlab 2 years back (ex. if you have Matlab 2010a, MotoHawk 2010a-2012a would be compatible)
- ► We will be using the latest MotoTune and MotoServerRuntime , but this version is not required. MotoTune and MotoServer must be the same version. Uninstall older versions using Windows Add/Remove programs before installing a new version of MotoTune or MotoServerRuntime.
- ► For Windows 7, run the installer for MotoTune, MotoServer Runtime, and MotoHawk as Administrator (right click and choose Run as Admin)
- ► Software is not supported on Windows 8, laptop with Windows XP or Windows 7 is required.