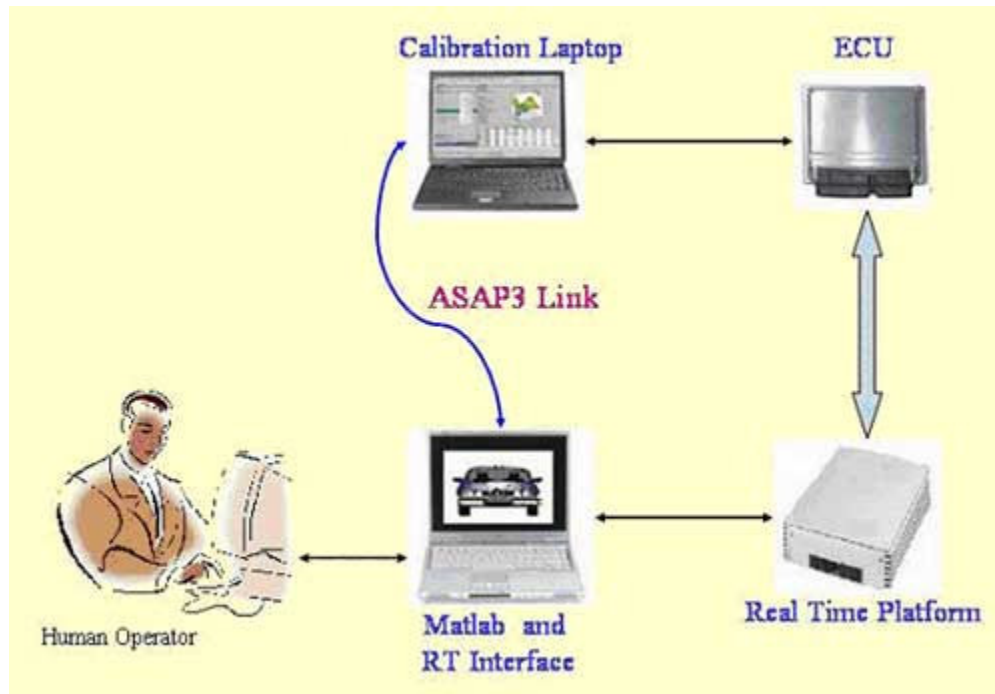


Controller Communication Toolbox (CCTB)

Controller Communication Tool Box provides an easy-to-use interface between Matlab running on an Automation System (AUSY) and a calibration software running on a Measurement and Calibration System through a serial link using the ASAP3 Protocol. This tool box is typically expected to be used in a HIL set-up to communicate and automate calibration or verification and validation of the ECU.



Key Features

- Can easily initialize and close the communication link between the AUSY and the MC without needing to have a knowledge of the ASAP3 protocol.
- Easy to use commands are provided for all the basic command set and most of the extended command set of the ASAP3 protocol.
- User friendly Graphical User Interface (GUI) to directly interface with the controller by making the ASAP3 link transparent to the user.
- Output and errors reported by the MC are interpreted and presented in an easy-to-understand manner.
- Online help.

Convenience Features

- Option to direct the output to either a file or the monitor or both.

System Requirements

- Compute Platform: PC with Microsoft Windows® XP or 2000
- RAM: 128 MB Minimum
- Serial Ports: Minimum 1 (2 for single computer setup)
- Other hardware accessories: Null model (for serial to serial communications)
- MATLAB® Versions: R13, R13.1

- Other software requirement: ECU calibration software with ASAP3 v1.0+ support.

Customer Benefits

Controller Communication Toolbox provides an easy-to-use command line interface from Matlab to communicate with the ECU calibration software using the serial link through ASAP3 protocol without requiring the user to have an understanding or knowledge of ASAP3 protocol.

The tool box provides easy to use mnemonic commands that are translated and formatted as required by the ASAP3 protocol. Similarly data received from the MC are translated back to easily understandable data and can be stored in a file. Online help eliminates ramp-up time to learn and use the commands.

The user friendly GUI eliminates the need to remember even these mnemonic commands and directly interface with the controller thereby making the ASAP3 link itself transparent to the user.

Contact Emmeskay, Inc. for tool box details, licensing and pricing information by sending email to info@emmeskay.com or calling 734-207-5562/5564. In Japan, contact Emmeskay's distributor NEAT Company at www.neat21.co.jp for additional information.