

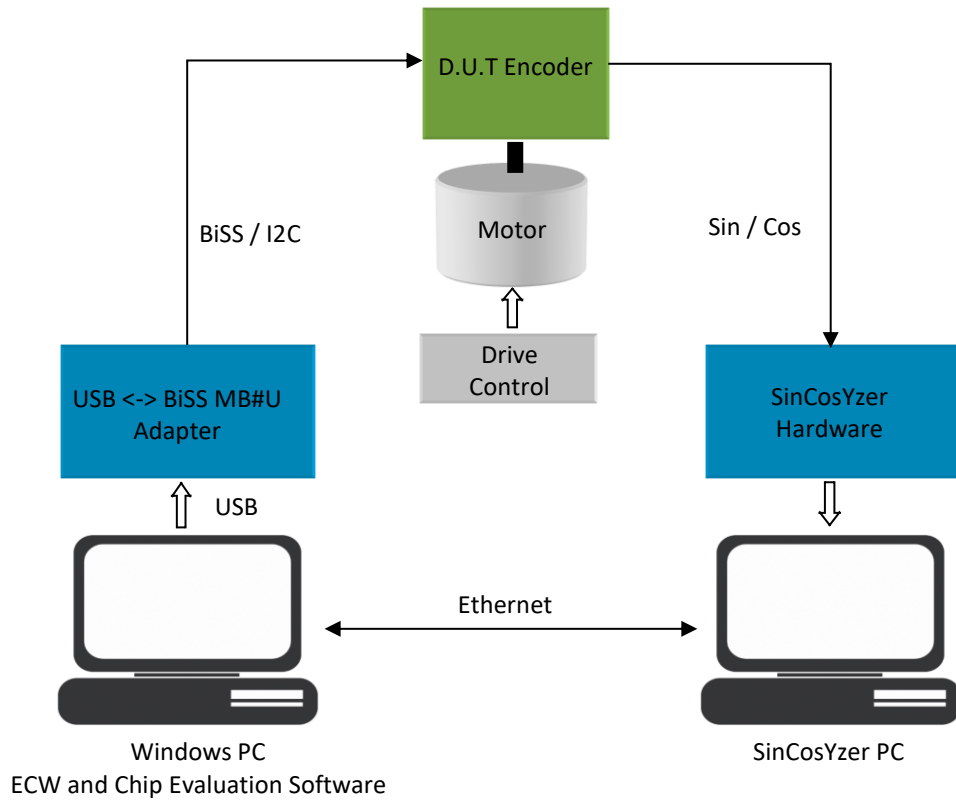
ECW

ENCODER PRODUCTION UTILITY

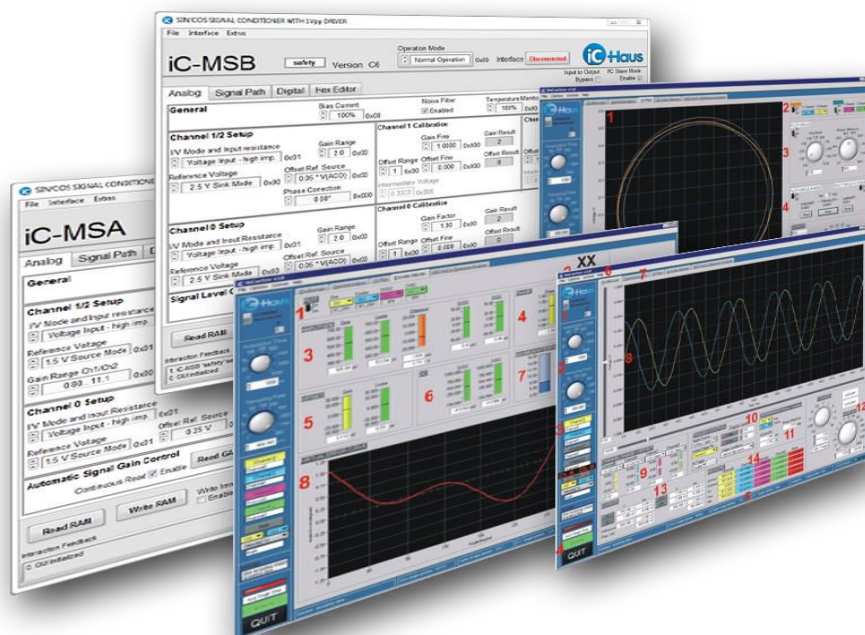
Automatic calibration and test of signal-conditioning ICs in encoder production



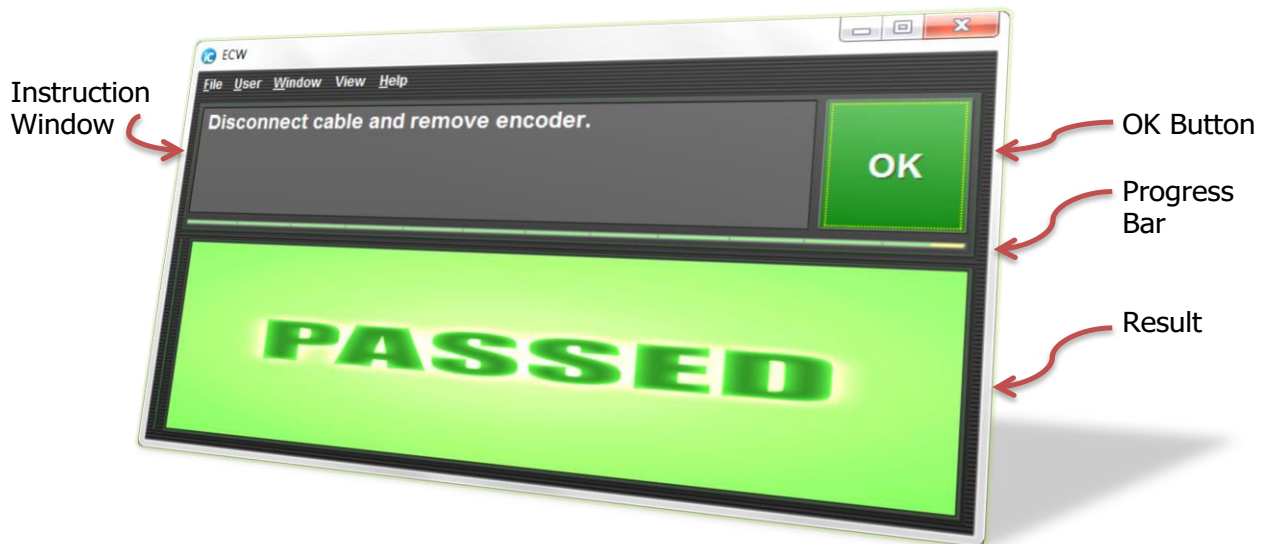
Typical System Setup



Using Engineering GUIs in Production?



ECW Offers a Simple Workflow by Instructions



Principle of Operation

- Instructs the user to operate switches and drive
- Starts with a default configuration
- Remote-controlled signal analysis by SinCosYzer¹
- Computes best settings and programs the encoder's EEPROM
- Encoder test with specified limits and classification (passed, failed)
- Database support, statistical analysis and user management included

¹ The iC-MU Series module uses position data based analysis only.

Engineering Configuration



Features

- Software solution using a remote-controlled SinCosYzer for signal measurements
- Automatic encoder chip parameter adjustment
- Support for iC-MNF, iC-MN, iC-MU Series, iC-MH, iC-MSB, iC-MSA, iC-PI, iC-MQ
- Continuous testing against specified limits
- Passed / failed classification
- Built for use in production environments
- User guidance through the entire procedure
- Freely configurable user interface
- User account management
- MySQL database for all measurement results and configuration history
- Statistical evaluations
- Graphical signal analysis tools
- Limit and configuration editor
- Automatic or manual DUT switch and drive controlling
- Network interface provides event reporting, remote control and customization options

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