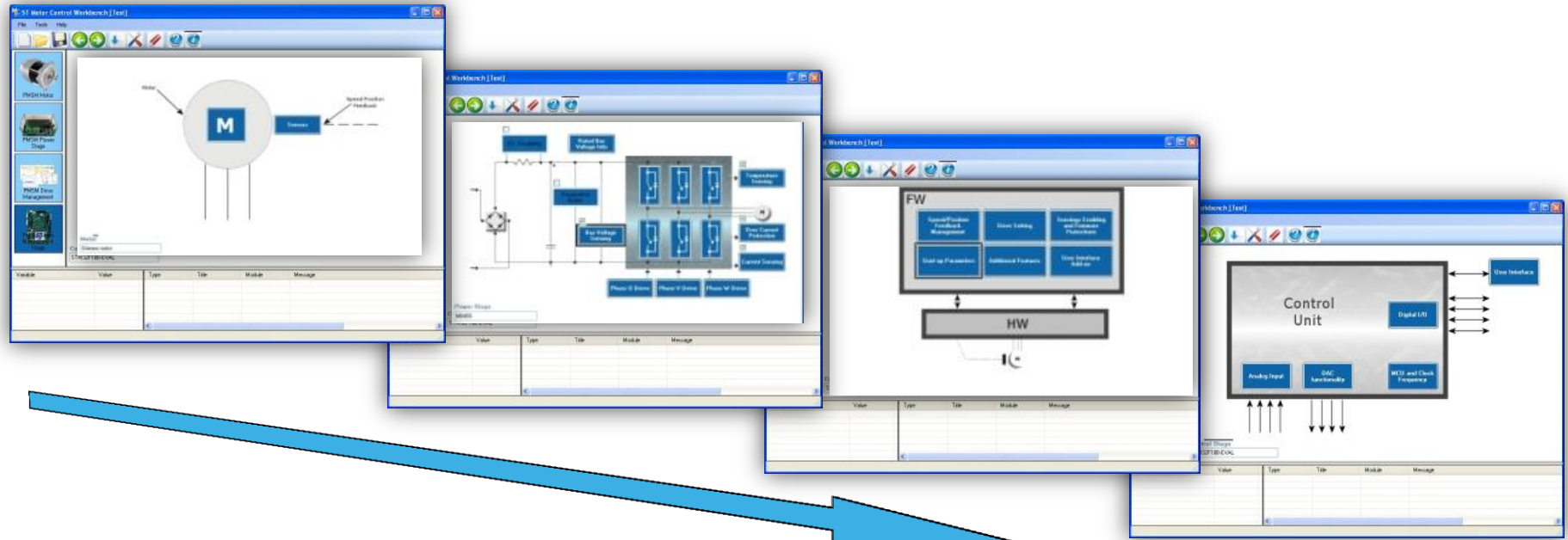# Agenda

- 2nd day – Morning
  - User interface
    - Serial Protocal
    - DAC
    - LCD
    - DAC customization
  - STM32 MC Workbench presentation in detail

- 2nd day – Afternoon
  - Quick Start
    - Config the firmware lib with Workbench
    - LCD User Interface
    - IAR IDE – MC Workspace
  - Practical hints in motor tuning:
    - Draw an arbitrary sensorless start-up waveform
    - Open loop feature
    - Faults generation
    - Motor start-up
  - Demo, Q&A

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ST Motor Control Workbench (STMCWB)

ST Motor Control Workbench, in this version, is a PC code generator tool that reduces the designer effort and time in the firmware development for all the ST Motor control FW library (starting from STM32 PMSM FOC FW library 3.0). The user through a graphical user interface (GUI) generate the parameter header files which configures the library according the application needs.