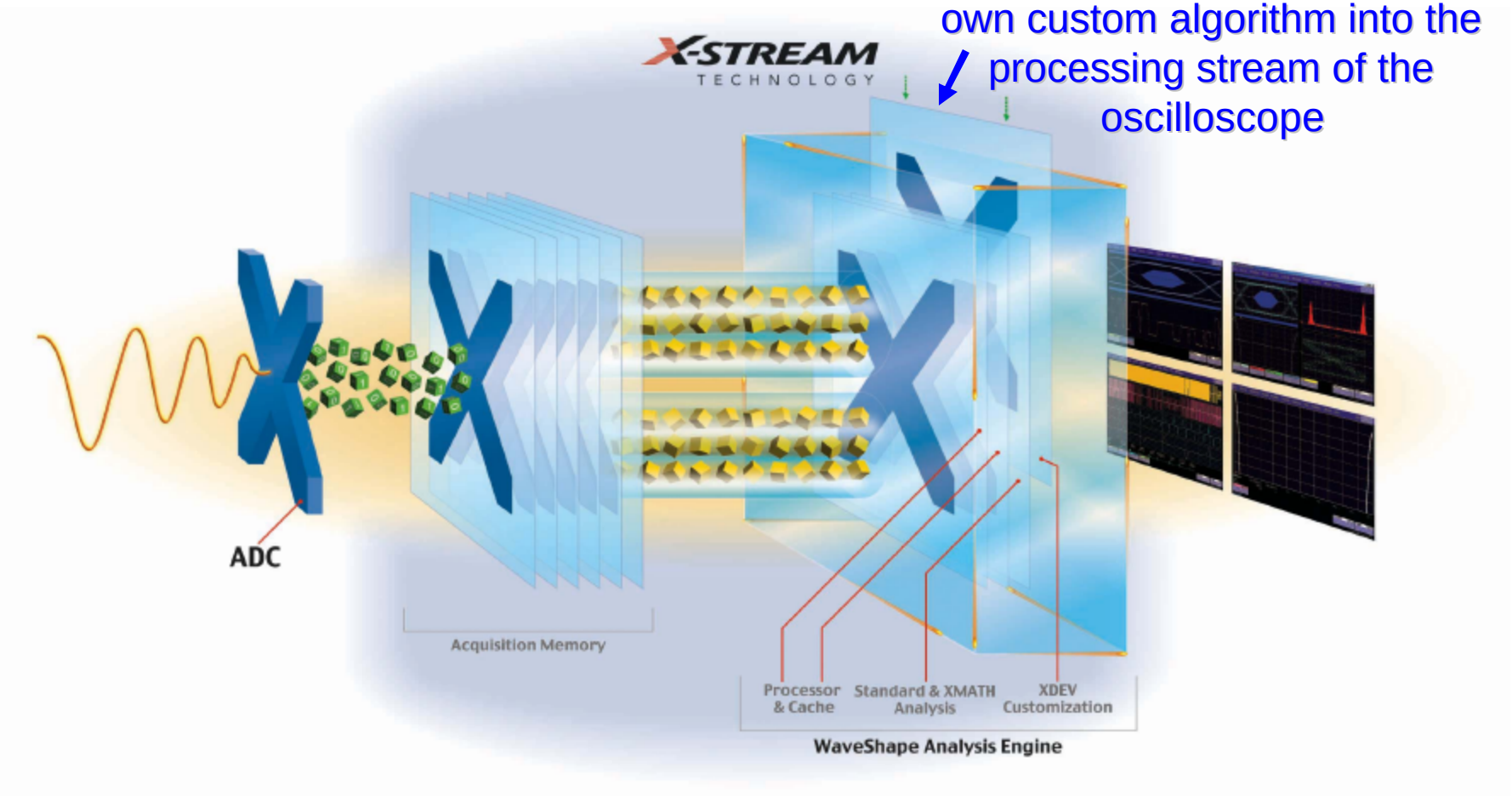
LeCroy

# WaveMaster™ DSO Customization

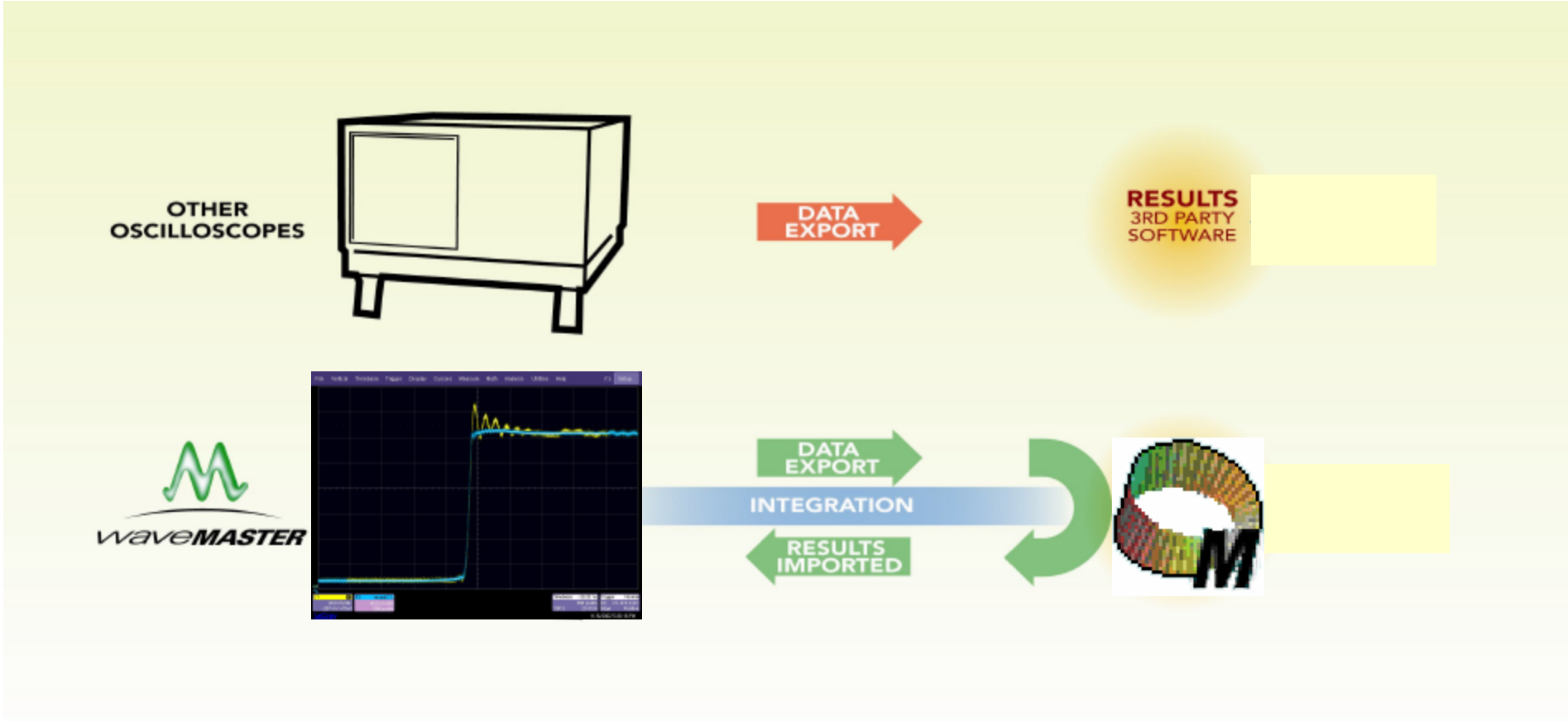
## Using XDEV Advanced Customization (available from LeCroy) and Mathcad (available from Mathsoft Engineering and Education, Inc.)

# X-STREAM Technology Makes XDEV Customization Possible

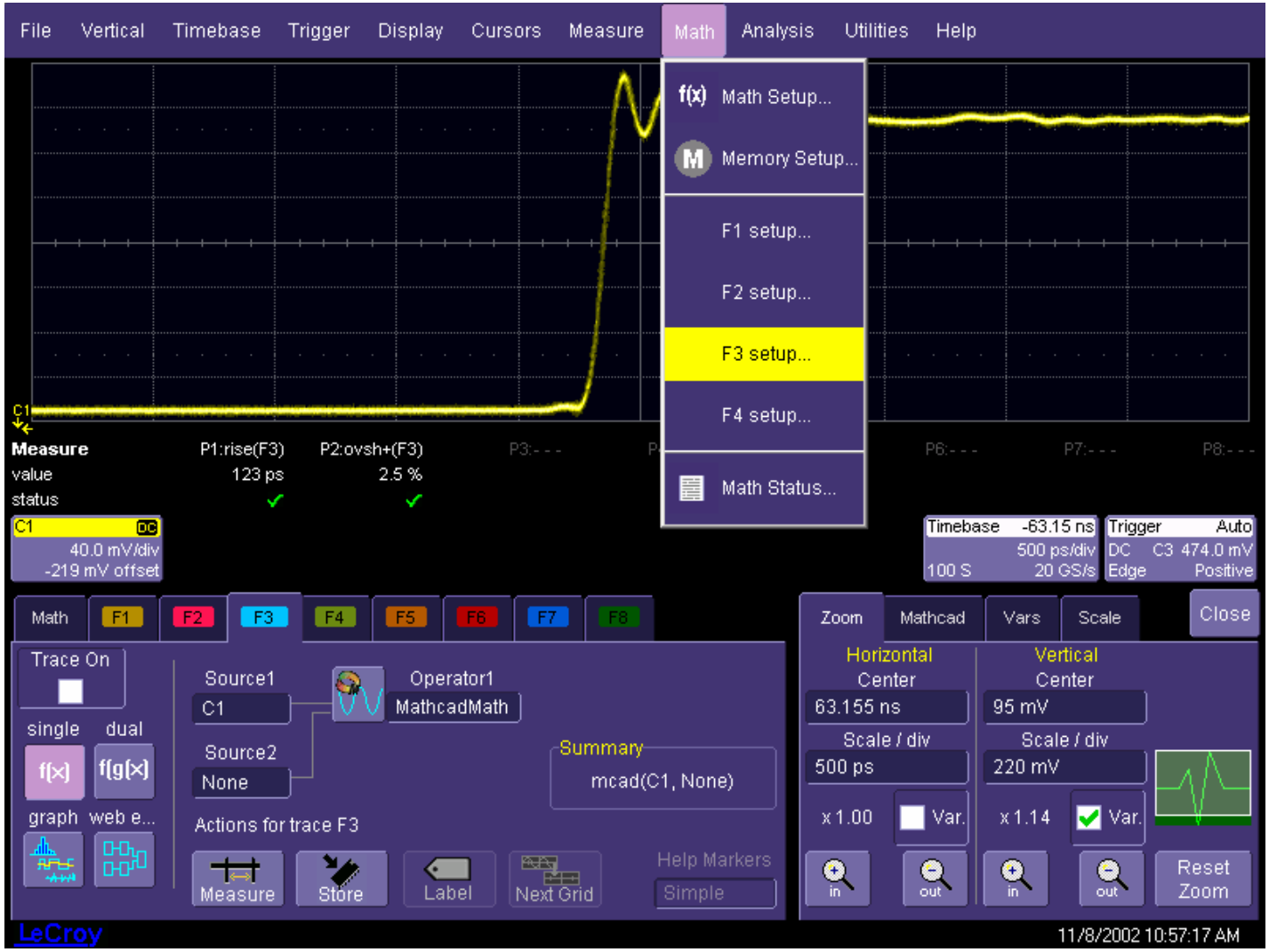
X-Stream's WaveShape Analysis Engine allows you to insert your own custom algorithm into the processing stream of the oscilloscope



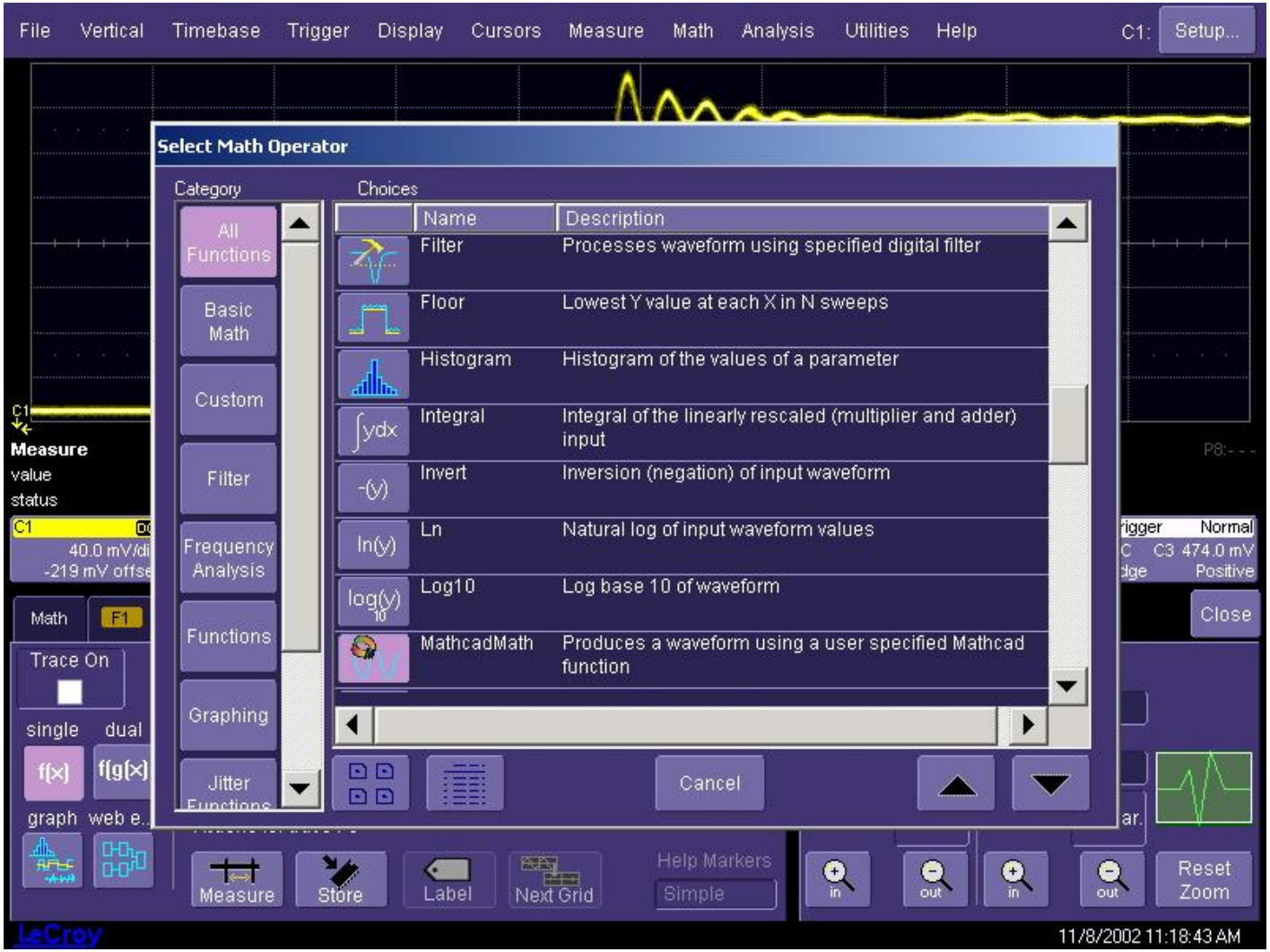
# WaveMaster with LeCroy's XDEV Completely Integrates Mathcad



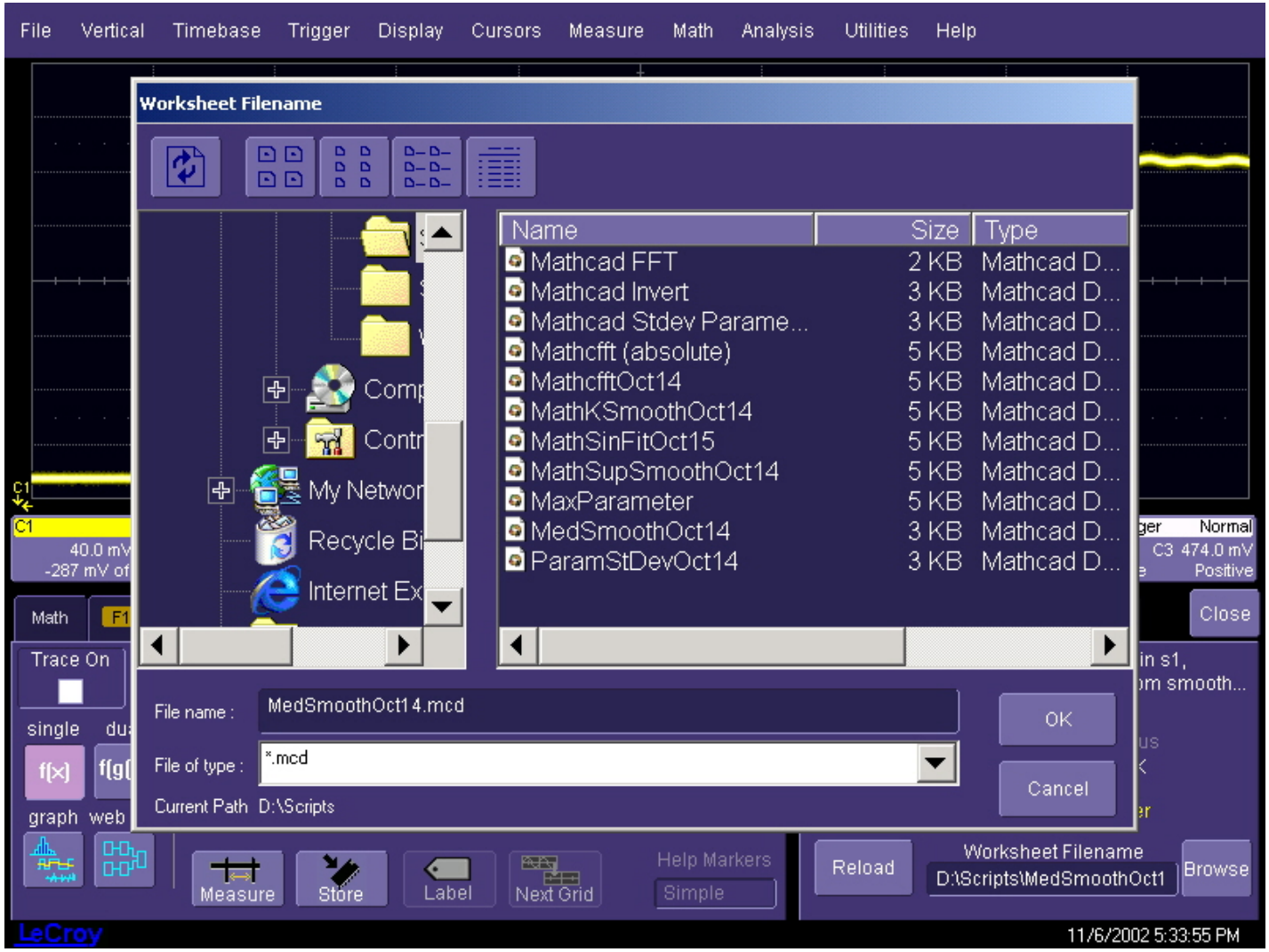
# Step 1 – Select a Math Trace



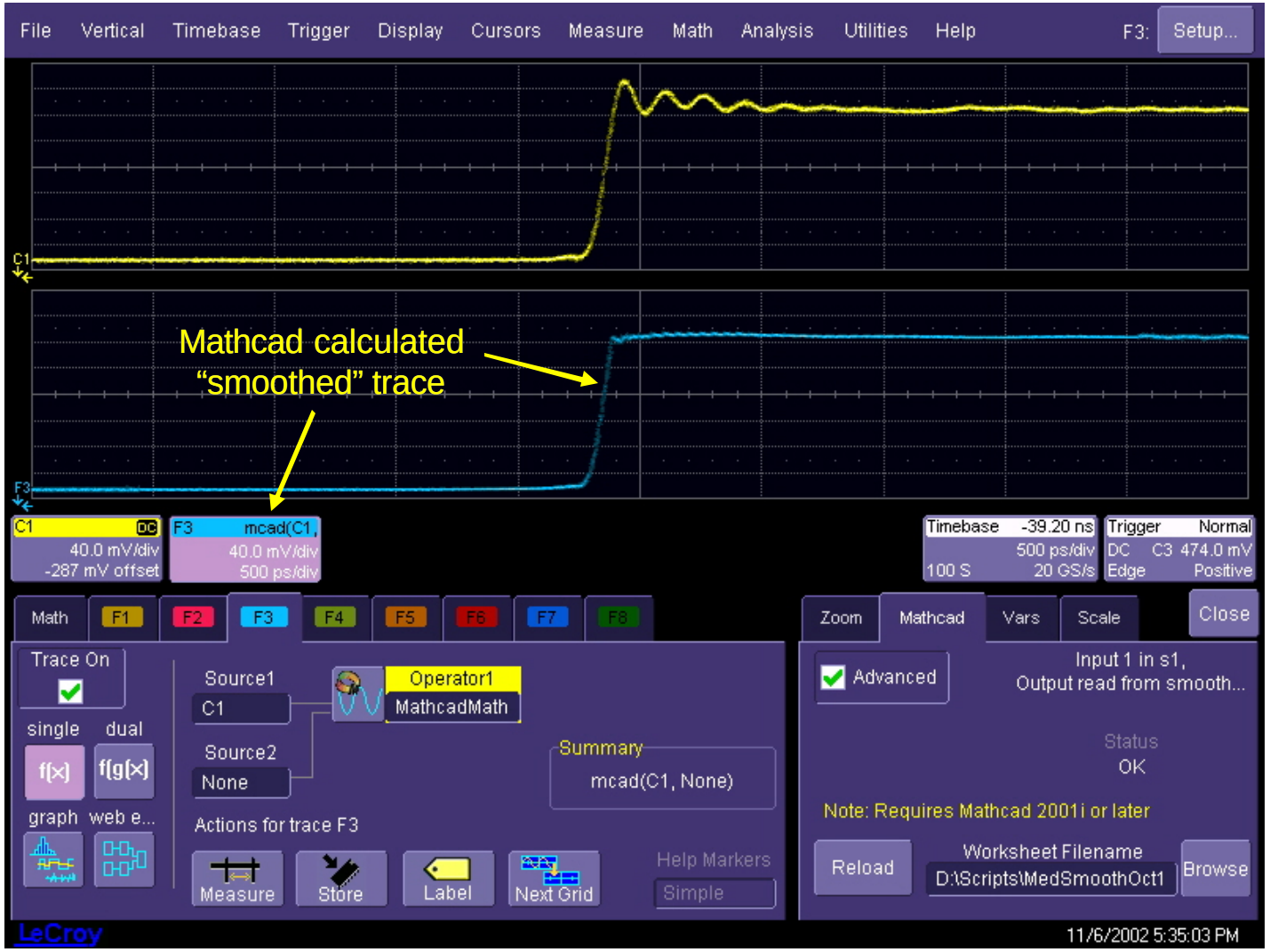
# Step 2 – Select the Mathcad custom function



# Step 3 – Load the Mathcad File in WaveMaster

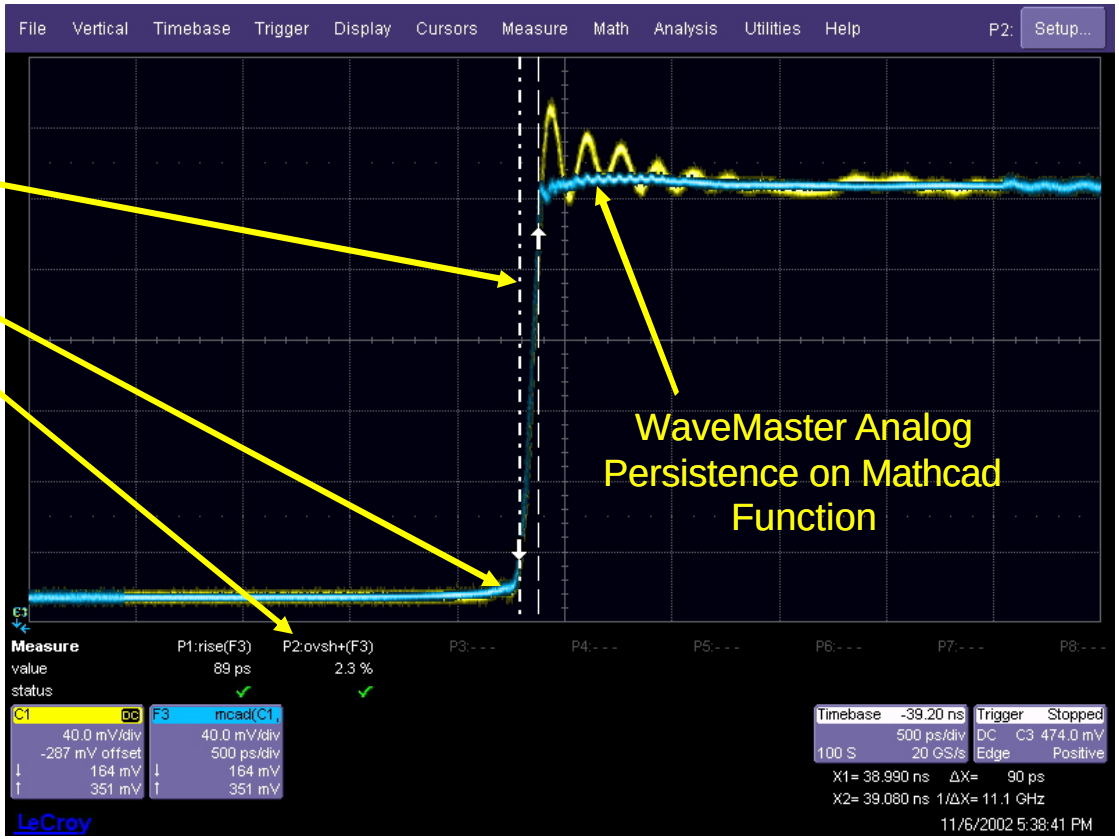


# Step 4 – Turn on the F3 Trace, Result is Displayed in WaveMaster Program



# The *Ultimate* in Flexibility!

- Mathcad processed trace can be measured with WaveMaster
  - Cursors
  - Functions
  - Parameters
- Implement your solution *immediately!*
- Shorten product time to market
- Fast Setup – no difficult remote communication setup
- Real-time trace display and update



# Try This Example on Your WaveMaster

- You will need:
  - A WaveMaster with the XDEV or XMAP software options
  - A copy of Mathcad (Version 2001i or later) installed on your WaveMaster
  - The *MedSmoothOct14* file (available on this web page)
  - Additional demonstration files may also be downloaded and used (www.lecroy.com/mathcad)