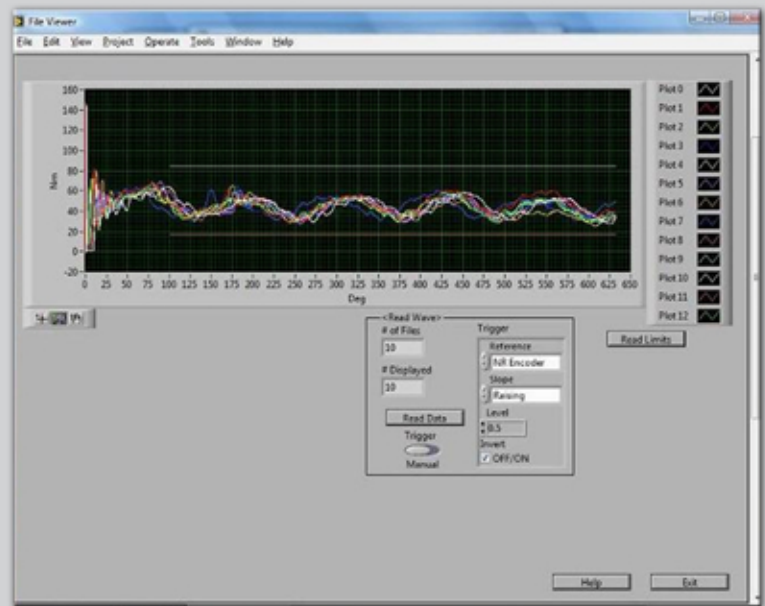
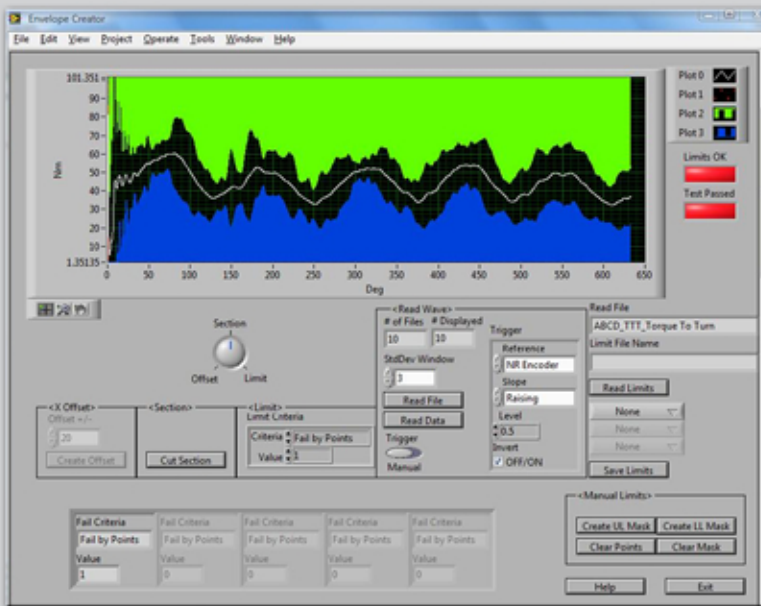




fives cinetic

TRU ANALYSIS™

Diagnostic Analysis Systems



Real-time signature analysis of data increases productivity and optimizes product quality
Complete signature for multiple processes
Innovative software displays information immediately to determine pass/fail status of station

→ Fives Cinetic, at the core of innovation

Signature Analysis. Precise results, NOW!



Cinetic Automation delivers industry leading software
Monitoring manufacturing processes- Providing real-time analysis

TRU ANALYSIS™

■ Features

- Provides results and interface for the operator
- Collects and stores the test data
- Fixed or Mobile System
- Central Control
 - Ability to monitor and configure multiple tests from one central location
- Simple
 - Compact hardware set-up simplifies processes and saves floor space
 - User friendly process configuration
- Flexible Communications
 - EthernetIP
 - Ethernet
 - Serial (Most controllers)

■ Applications

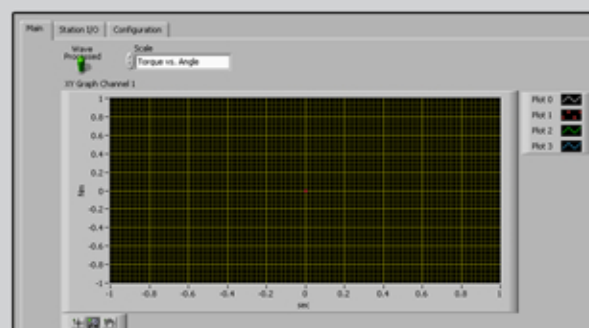
- Pressing
 - Force and distance testing
- Leak Test
 - Optimize cycle time
- Automatic Valve Lash (AVL)
 - Intake valve test
 - Exhaust valve test
- Sound and Vibration (NVH)
- Torque-to-turn

■ Benefits

- Increased confidence in decision making
- Improved quality and productivity
- Streamlined processes



Waveform Analysis



Main Screen Detail

Farmington Hills, MI

• Saltillo, Mexico

• Hericourt, France