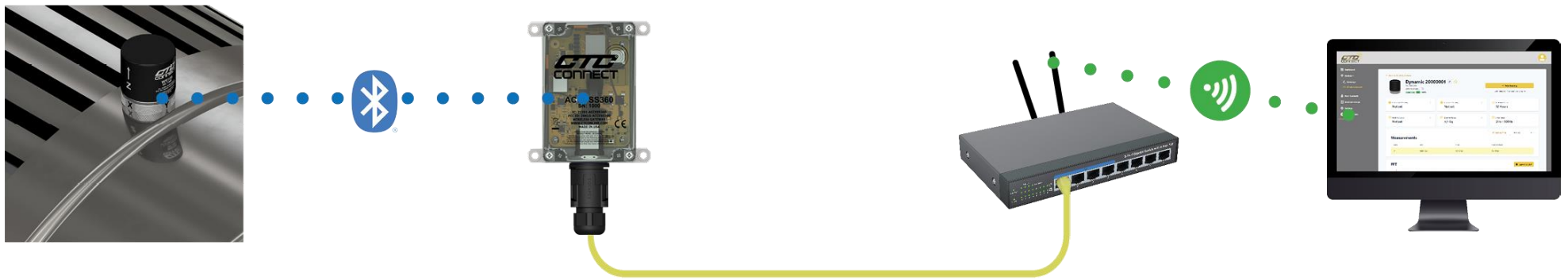
CTC
2025
YEAR IN REVIEW
A YEAR OF INNOVATION

Launches and Updates

New
Connect Line Wireless Solutions



ConnectSens™
Wireless Sensor

ConnectBridge™
Wireless Gateway

Your
Network Switch

ConnectView™
Web App
or Your Own
OEM Software

New ConnectSens™ Wireless Sensors

With the industry's best Bluetooth® line-of-sight range and a money-saving user-replaceable battery

WS100 Series
Wireless triaxial overall vibration signal sensor and temperature output, 2,100 ft. (640 m) line-of-sight range

WS200 Series
Wireless single-axis sensor with dynamic vibration signal capture and temperature output, 1,200 ft. (366 m) line-of-sight range

WS300 Series
Wireless triaxial sensor with dynamic vibration signal capture and temperature output, 1,200 ft. (366 m) line-of-sight range

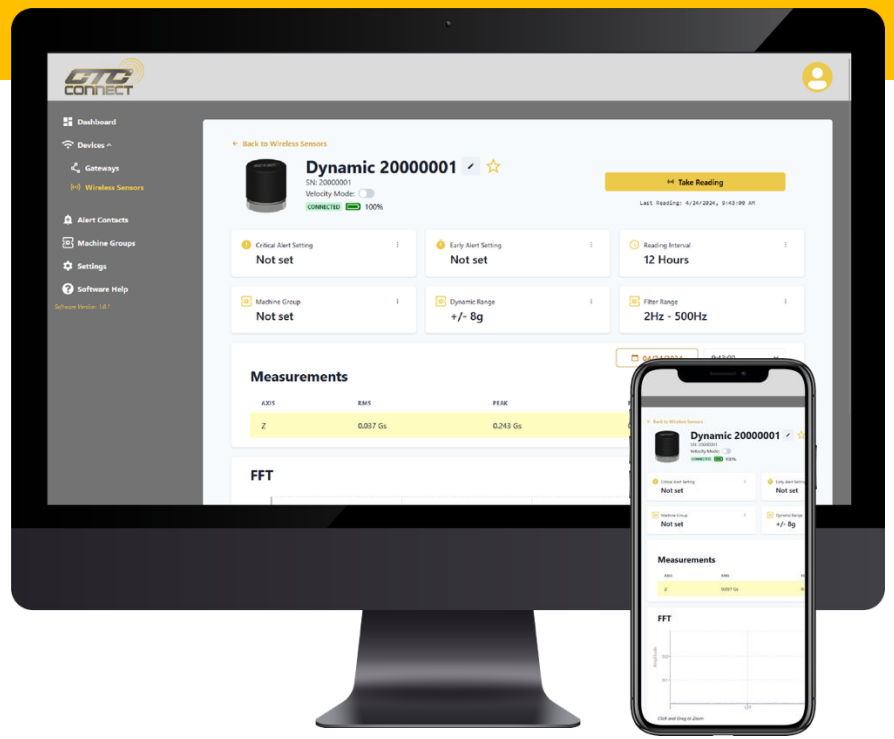
ACCESS360

Wireless gateway and network controller with expandable onboard storage, preloaded with ConnectView™ Web App for basic vibration monitoring management tools and device management

New ConnectBridge™ Wireless Gateway

Supports unlimited sensor inputs – mix and match any quantity of WS Series sensors
(please note, more than 20 concurrent sensor inputs may lead to decreased data acquisition time)

New ConnectView™ Web App Features



WebSocket Protocol

MQTT Protocol

Modbus Protocol

Velocity Mode

VE801
Top exit CSA North America Class 1, Division 2 and IECEx/ATEX Zone 2 approved sensor, 100 mV/in/sec, ±10% sensitivity tolerance

VE802
Side exit CSA North America Class 1, Division 2 and IECEx/ATEX Zone 2 approved sensor, 100 mV/in/sec, ±10% sensitivity tolerance

VE901
Top exit CSA North America Class 1, Division 1 and IECEx/ATEX Zone 0,1 approved sensor, 100 mV/in/sec, ±10% sensitivity tolerance

VE902
Side exit CSA North America Class 1, Division 1 and IECEx/ATEX Zone 0,1 approved sensor, 100 mV/in/sec, ±10% sensitivity tolerance

New Hazardous Rated Piezo Velocity Sensors

New Negative Voltage Accelerometer

- With cost-effective ±15% sensitivity tolerance
- Comparable to Bently Nevada 330400

AC162-1A
Top exit, 100 mV/g, ±15% sensitivity tolerance

ATEX

IECEx

CSA
North America

Hazardous Ratings Updated to Latest Standards

ATEX, IECEx, and CSA North America certificates have all been updated to ensure compliance with the latest standards and requirements for Intrinsically Safe and Zone 2 / C1, D2 applications

Added Dust Protections

For all existing IECEx, ATEX, and North America Intrinsically Safe and Zone 2 / C1, D2 accelerometers

Intrinsically Safe
Ex ib IIIC T135°C…T143°C Db

Zone 2 / C1, D2
Ex tc IIIC T135°C Dc

IECEx CSA 240015X
Ex ec IIC T* C °Gc
Ex tc IIIC T135 °C Dc

New IECEx Zone 2 Certificate

For all existing IECEx, ATEX, and CSA North America Intrinsically Safe and Zone 2 / C1, D2 accelerometers

New EB Connector

Designed for low cost, permanent installations

Shown without cap cover attached

Shown with cap cover attached

EB Connector

BNC ”E” style jack flange mount connector fastened to bracket for low-cost installations; includes cap cover and chain for protection when not in use

MH107-5A
Quick disconnect receptacle with M6 adjustable orientation integral stud mounting bolt

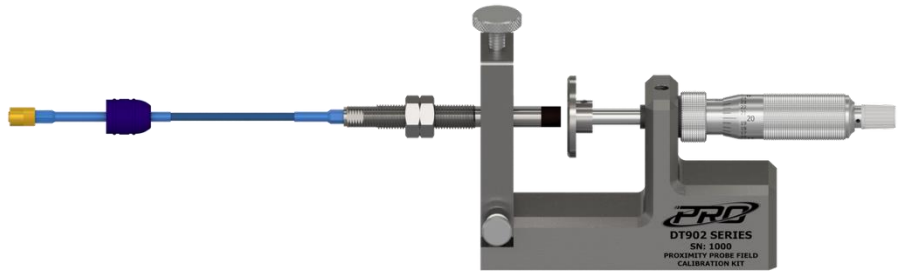
New M6 Quick Disconnect

Designed for use with M6 Wireless Sensors; not compatible with Standard CTC Wired or Wireless Triaxial Accelerometers

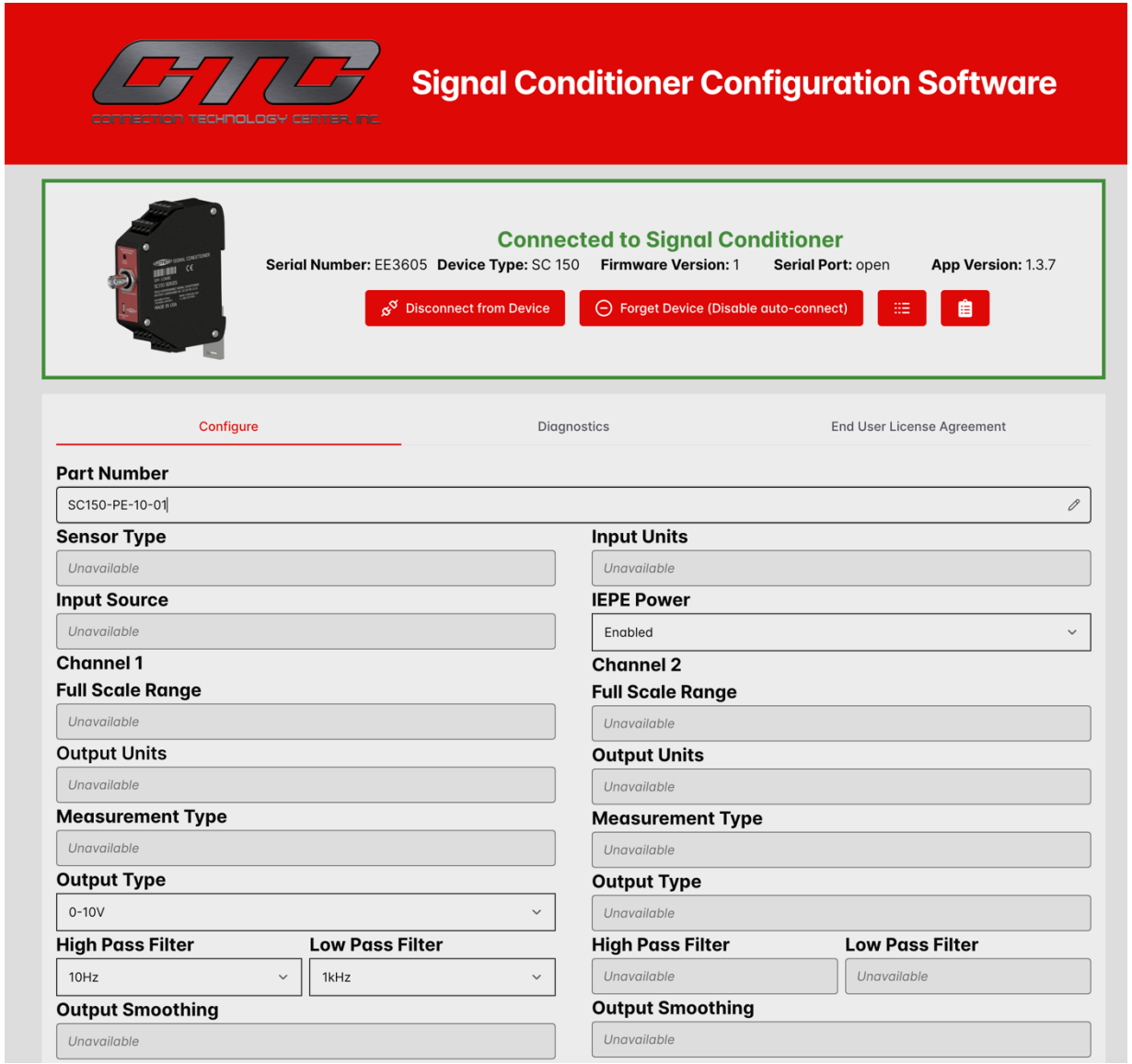
Popularly used with Sensoteq sensors

New Low Cost Proximity Probe Field Calibration Kit

Portable calibration kit designed for use with standard probe sizes including FFV, 8 mm, or 11 mm casings



DT902
Includes your choice of calibration material target; comes in a protective carrying case

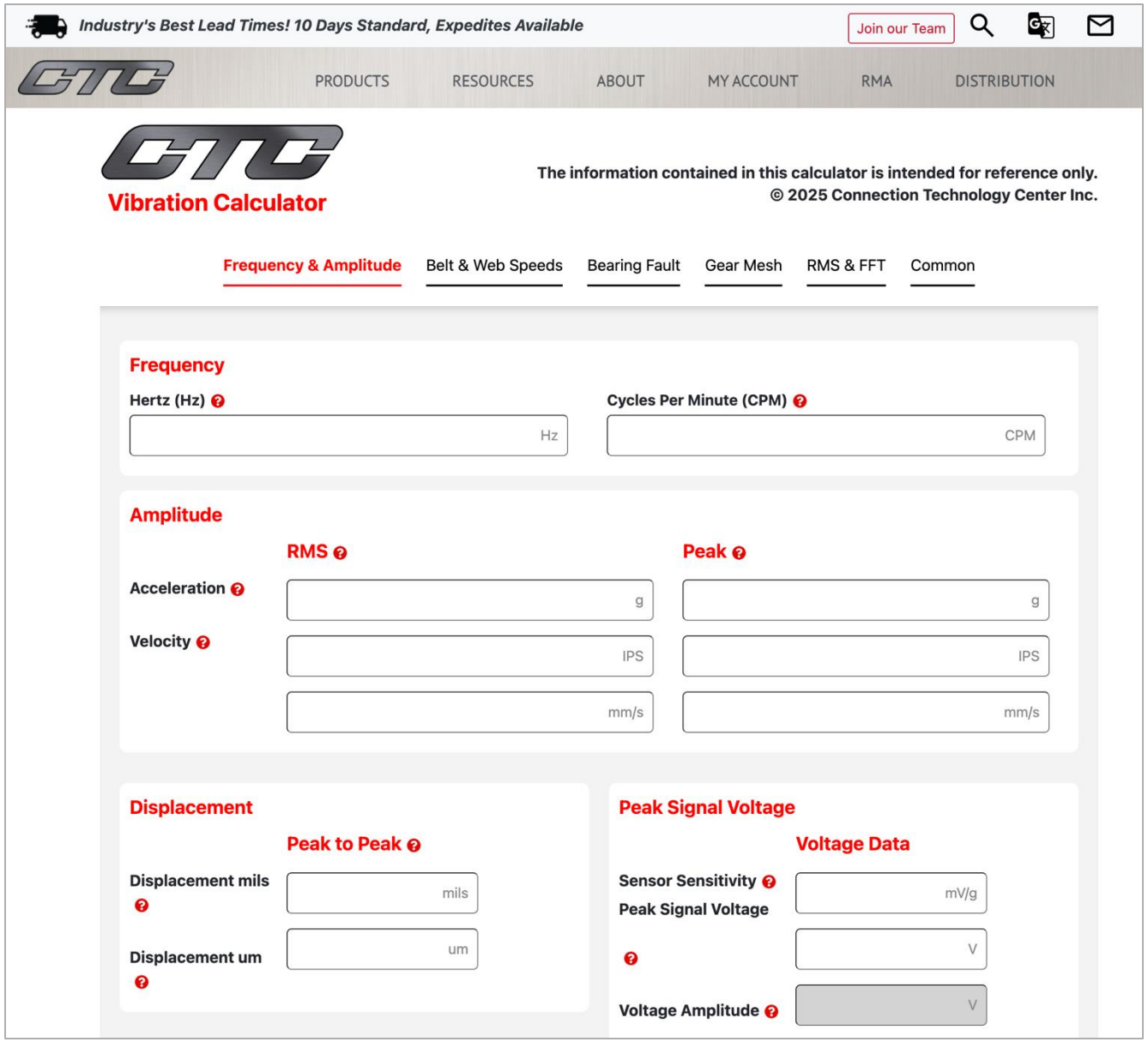


Improved Signal Conditioner Software

- Updated user-friendly UI
- Convenient auto-prompt to update to the latest firmware version
- New factory reset functionality – allows you to reset your signal conditioner from “bricked” error state

Improved Vibration Calculator

- Updated user-friendly UI
- Now available as a web-based application – no download required

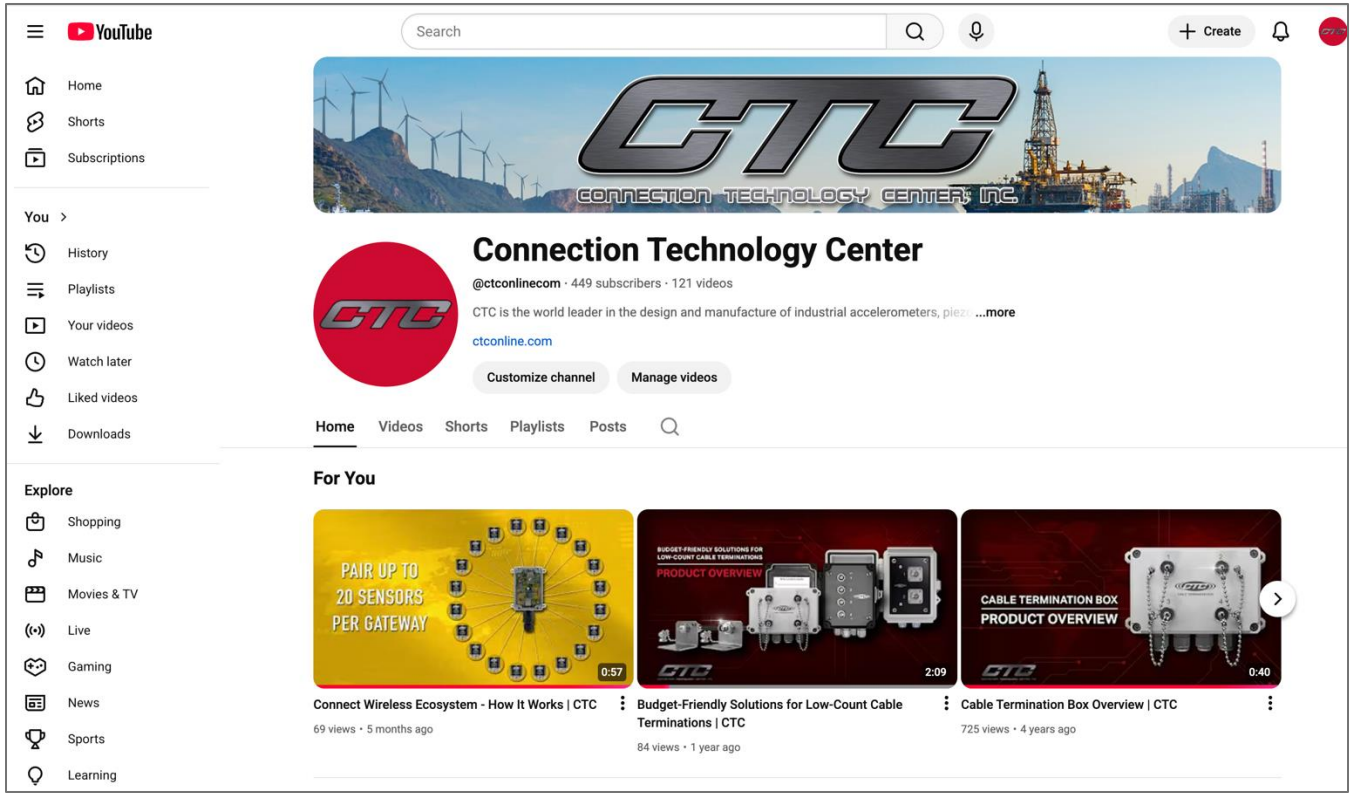


Other Resources

New Videos Regularly Posted On Our YouTube Channel

Visit our YouTube Channel for the latest video content including tech tips, product overviews, tutorials, and much more

YouTube @ctconlinecom



Connect with CTC

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Connection Technology Center