INSITE™ Overview

Electronic Service Tools

2018 Version

Public Information





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Curninins

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Getting Started



- Windows-based PC obtained that meets or exceeds system requirements
- Latest version of INSITE installed
 - Includes License Configuration Tool
- Latest version of Update Manager installed
- RP1210 adapter (such as INLINE 7) with connection cables available for use
- Appropriate licensing purchased through authorized distributor
- If any of these steps are not done, please contact your local distributor for further assistance.

System Requirements (as of Jan 2018)



Component	Recommended	Minimum Requirements to Install
Platform:	INTEL i5 Processor & AMD K10 Core (32bit or 64bit)	INTEL i3 Processor & AMD K10 Core (32bit or 64bit)
Operating System:	*Windows 8.X (32bit or 64bit)	Windows® 7 (32bit or 64bit) Note: Windows 7 Starter Edition or Basic Edition, Virtual PC and XP Mode are not supported
Processor:	2.1 GHz or greater Quad-Core	2 GHz or greater Quad-Core
RAM:	12 GB or greater	Windows 7 - 8GB
Hard Drive:	2 GB or greater available disk space	2 GB available disk space
Media device (needed for installation in most cases and INCAL):	Dual Layer - Double Density DVD-ROM	DVD-ROM (may be internal or external as needed for installation)
Display:	**Minimum Resolution 1024 x 768	**Minimum Resolution 1024 x 768
Keyboard:	101-Key Enhanced	101-Key Enhanced
		Windows Compatible Device
Multimedia:	PCs that will be used for Virtual College training will require multimedia and sound capability	Any Windows Compatible Sound Device
Other Sottware:		Acrobat Reader 9.0 or higher Microsoft .NET Framework v4.5.2
Printer (optional):	Windows Compatible Device	Windows Compatible Device
Internet connection:	DSL / Broadband high-speed	DSL / Broadband high-speed
Available Ports:	2x USB 2.0	See datalink adapter manufacturer for port specifications.

^{**} Dual Monitor Displays are not supported

Minimum installations will limit performance. For optimal performance use the recommended hardware or better.

All Software section defines the level of PC Hardware required to run all of these applications.

Licensing Information



Product Based

MR/HD Automotive provides access to the EPA 2007 and above on highway engines in North America and the Euro VI engines for Europe which are listed below.

ISM - CM876	ISL9 CM2250
ISX - CM871	ISX12/11.9/15 CM2250
ISB - CM2150	ISX12 G CM2180 EJ
ISC - CM2150	ISB4.5 CM2350 B104
ISL - CM2150D	ISB6.7 CM2350 B101
ISL G - CM218	ISL9 CM2350 L1010
ISB6.7 CM2250	ISX12/15 CM2350 X102/X101

Turbo Actuator Controller

Aftertreatment Diesel Exhaust Fluid Controller

ISC8.3 CM2250

- MR/HD Plus provides access to all applications and engines except High Horsepower (HHP) engines.
- **Service Plus** provides access to all engines and applications that INSITE supports.

Functionality Levels

- **Pro** is the highest level of functionality that INSITE provides, which includes calibration download.
 - NOTE: Requires certification by Cummins distributor to obtain this type of license.
- Lite provides all of the functionality of Pro except for calibration download capability.
- RSGR/Industrial Pro functionality limits the access to Road Speed Governor parameters and Industrial Pro provide calibration download to Industrial products only.
- Basic functionality is read only and does not have adjustment or calibration download capability.

RP1210 Device Compatibility



Supported

- INLINE 7
 - NOTE: INLINE 5 & INLINE 6 do work with INSITE, but are no longer supported
- Any RP1210 Compliant Datalink Adapters
- Additional information available on insite.cummins.com



Launching & Licensing

Launching INSITE



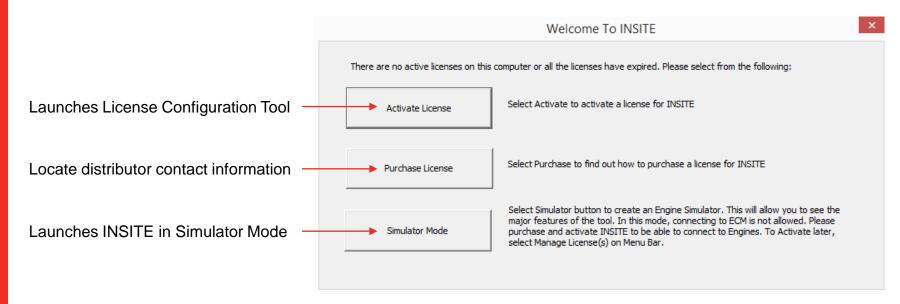
- After INSITE has been installed, you should have a shortcut icon on your desktop that looks like
- Double-click INSITE shortcut.
- An INSITE splash screen should be displayed as shown to the right.



Launching INSITE

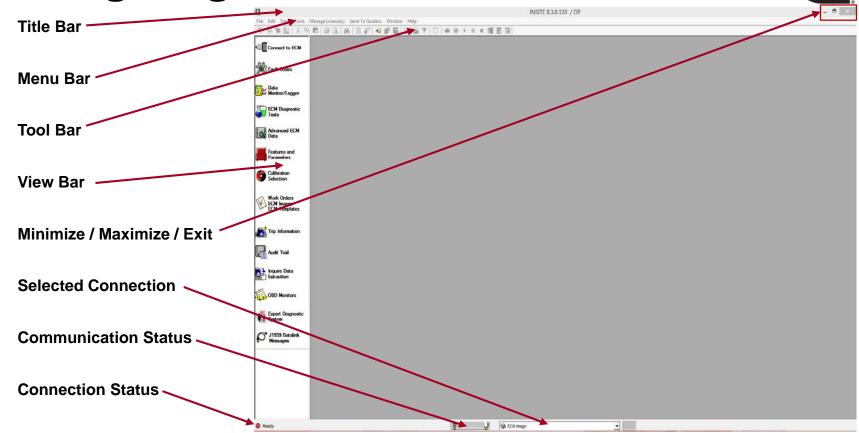


- If no licenses have been activated, a "Welcome to INSITE" window will appear
- If licenses have already been activated, INSITE will launch



NOTE: This window must be closed if "Activate Licenses" is selected to allow licenses to activate properly.

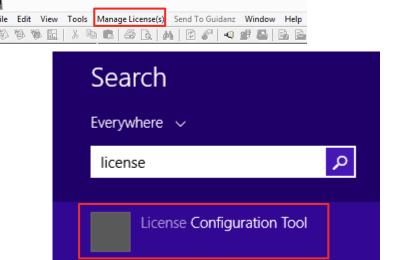
Navigating INSITE™

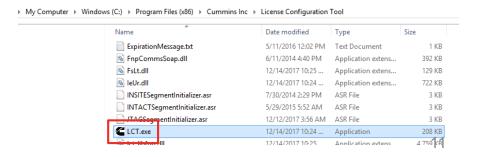


Launching License Configuration Tool (LCT)

Cururning

- Standalone utility to manage licenses and counts for INSITE™ and can be found several ways
- Click "Manage Licenses" from the menu bar in INSITE
- From the Windows Start Screen or Start Menu
 - Varies by operating system
 - For Windows 7 or 10 users, Type "license" into search bar of Start menu.
 - For Windows 8 users, type "license" while Start screen is open.
 - Click on result "License Configuration Tool" to start launching.
- Through File Explorer
 - 32-bit OS: C:\Program Files\Cummins Inc\License Configuration Tool
 - 64-bit OS: C:\Program Files (x86)\Cummins Inc\License Configuration Tool

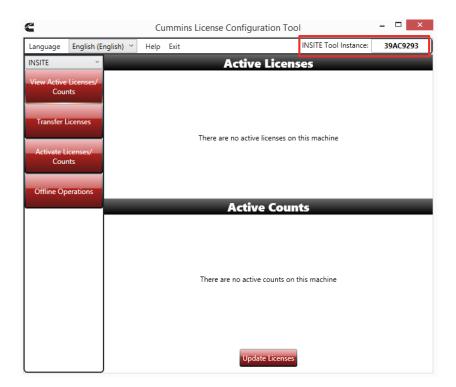




Tool Instance



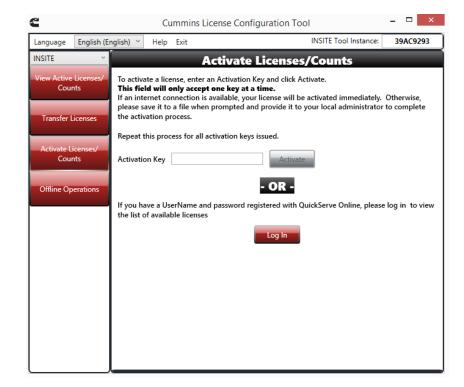
- Once LCT is launched, you should obtain a tool instance in the upper-right corner.
 - Tool instances should be unique to each system.
 - Very important to document the tool instance in the event of a system crash or sudden replacement.
 - If a tool instance is not obtained (N/A), it is recommended to contact your I.T. or network administrator to ensure there are no issues with communication being blocked.
 - If a tool instance is obtained, you should have communication and ability to activate licenses properly.



Activating Licenses



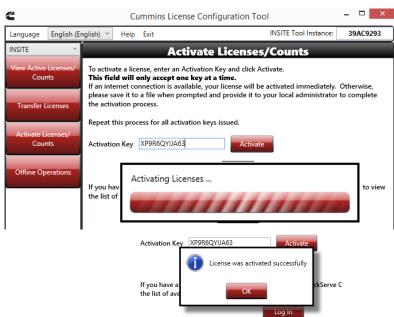
- Click on Activate Licenses/Counts tab at left of LCT.
- There are 2 different methods
 - Enter activation keys manually
 - Activate available licenses using QSOL Log In



Activating Licenses using Activation Keys



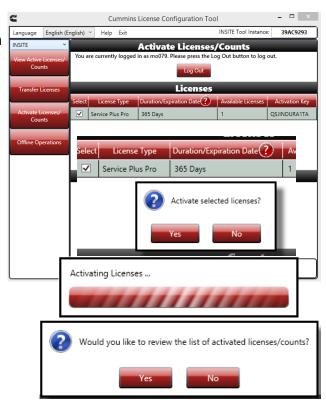
- Enter license activation keys manually, one at a time
- After activation key has been entered, click "Activate" button
- A window will appear showing "Activating Licenses..."
- Once license is activated successfully, you will see a prompt.
- Repeat this process as needed to activate all licenses issued.
 - A Basic & Functional license key is required for full functionality



Activating Licenses using QSOL Log In



- If you have a Quickserve (QSOL) account and the licenses have been registered to your QSOL ID, you can click on "Log In" button to start activation.
- Once logged in, any licenses available for activation, will be displayed.
 - Any licenses already activated will not appear when logged in.
- Select the desired licenses, then click "Activate" to continue.
- You will then be prompted to confirm activation of selected items.
- Once selection is confirmed, licenses will begin to activate and prompt to review after activation is successful.

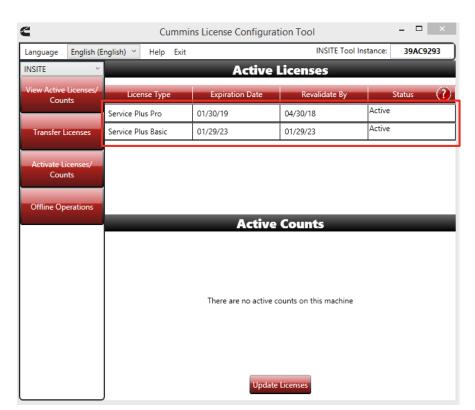


Viewing Active Licenses & Counts



 Once licenses are activated, you can click on "View Active Licenses/Counts" tab and licenses should display as shown.

 After licenses are initially activated, INSITE can be launched again.



Additional Resources



For additional information on other functions of LCT, please view the tutorial videos using the links provided below.

How to Activate Licenses and Counts

How to Transfer Licenses and Counts

How to Repair and Revalidate your Licenses

Offline License Operations

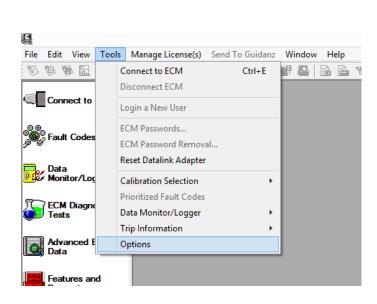


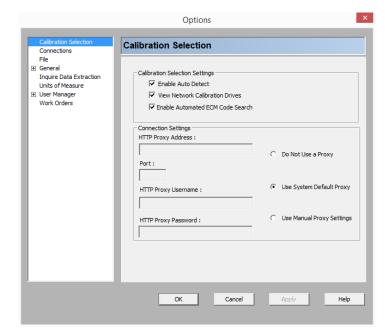
Configuring Options

How to Configure Options in INSITE™



- In the menu bar, navigate to Tools > Options
- The Options dialog screen should appear

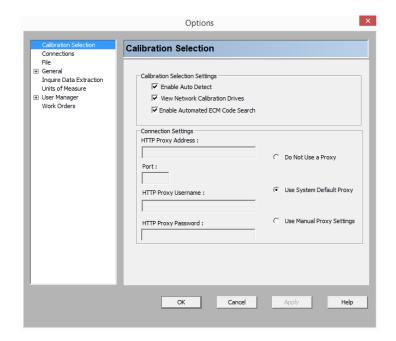




Calibration Selection Options



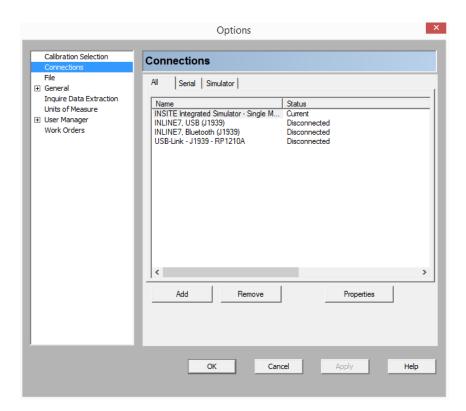
- Calibration Selection Settings
 - Enable/Disable Auto Detect
 - View Network Calibration
 Drives
 - Enable/Disable Automated
 ECM Code Search
- Modify network proxy settings



Connections Options



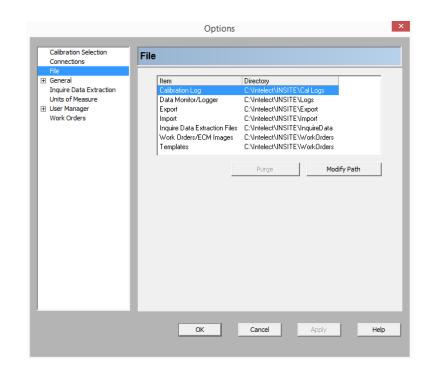
- Allows user to add and remove datalink adapters and simulators used for connections.
- Existing connections can be renamed through Properties.



File Options



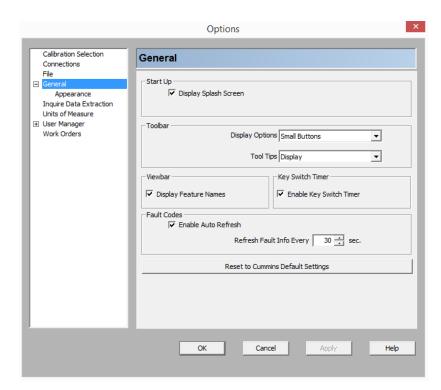
- Allows user to modify location paths for saved items such as...
 - Calibration Logs
 - Data Monitor/Logger Logs
 - Exported images, templates and logs
 - Imported images, templates and logs
 - Inquire Data Extraction files
 - Work Orders & ECM Images
 - Templates
- Default settings are recommended



General Options



- Start Up
 - Display/Hide Splash Screen at launch
- Toolbar
 - Set display button size
 - Display/Hide Tool Tips
- Viewbar
 - Display/Hide feature names
- Key Switch Timer
 - Enable/Disable
- Fault Codes
 - Set Auto Refresh rate
- Reset INSITE to Cummins Default Settings

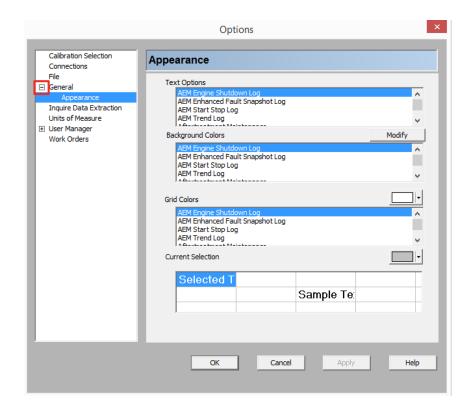


Appearance Options



- Allows user to customize appearance of...
 - text size, font, and color
 - background colors
 - grid colors

 Appearance options are available when General category is expanded.



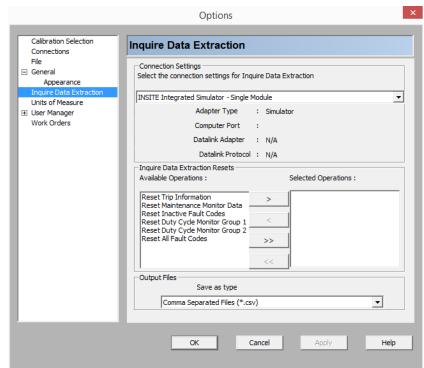
Inquire Data Extraction Options



Select options for connection settings

 Select operations for Inquire Data Extraction resets

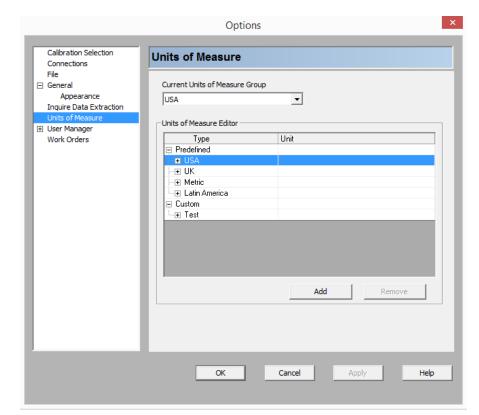
 Modify output file to save as either .csv or .txt







 Allows user to modify units of measure to predefined or custom settings.



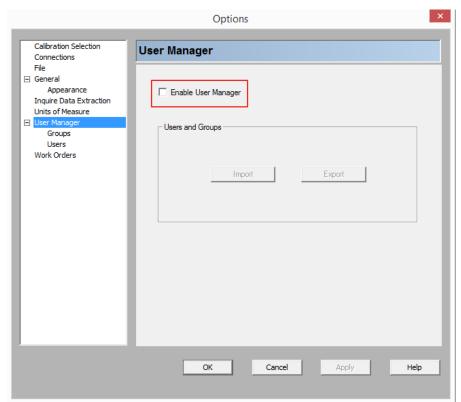




 Enables a system administrator to assign specific access rights to individual users and groups

 When enabled, a login is required to open INSITE™

 Multiple users and groups can be created

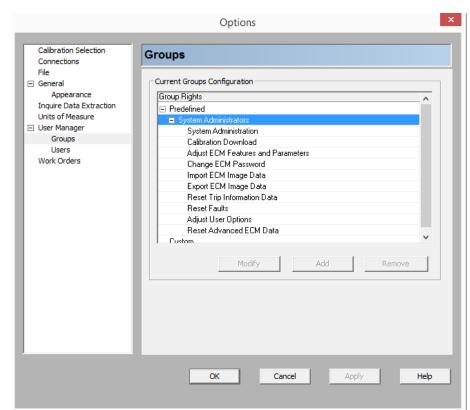






Add, remove or modify group rights

Create custom group rights



Users Options

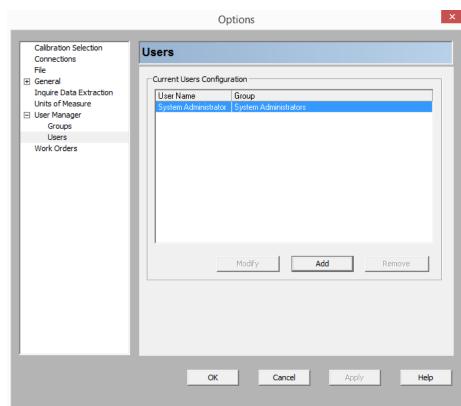
Add and remove users

Modify user accounts

Assign new users to group



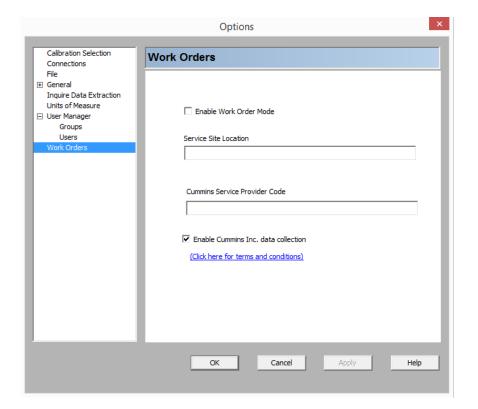




Work Orders Options



- Enable/Disable Work Order Mode
 - Enabled is recommended
- Predefine Site Location & Cummins Service Provider Code
- Enable/Disable Cummins Inc. data collection
- When Work Order Mode is enabled and no compatible Work Orders exist, a New Work Order dialog will be displayed after connection to the ECM is established.



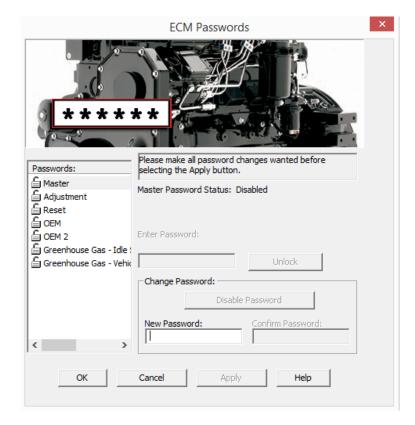


ECM Multi-Level Security

ECM Passwords



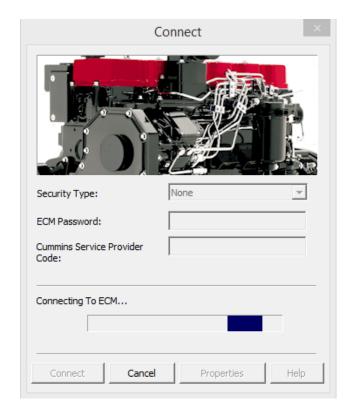
- Most Cummins ECMs have 5 levels of password capability
 - Master
 - · Master password allows all writes, adjustments and resets
 - If Master password is set, but not entered
 - No Changes to ECM allowed
 - Adjustment
 - · Master password must also be set
 - Only allows changing ECM adjustments
 - Features and parameters
 - Reset
 - Master password must also be set
 - Only allows ECM resets
 - Fault Codes & Trip Information
 - OEM & OEM 2
 - Master password does not need to be set
 - Protects OEM specific parameters from adjustment
 - Greenhouse Gas
 - Do not use unless directed by Cummins Inc.



ECM Passwords



- Used to protect the ECM from users attempting to make unauthorized adjustments
- Different levels can be set to allow for:
 - Resets only (Reset Password)
 - Feature Adjustments (Adjustment Password)
 - Full functionality (Master Password)
- Master password must be set when using ECM security
- INSITE will operate in read-only mode if appropriate password is not provided during ECM connection.



ECM Password Removal (Zap-IT)



- To remove ECM and OEM passwords:
 - Select Tools> ECM Password Removal... on the menu bar. The ECM Password Removal window will appear. This window is also called the ZAP-IT window.
 - Select the type of ECM Passwords to be removed.
 - Select ZAP-IT. The ECM Password Removal Confirmation window will appear.
 - Select Yes and follow the prompts to remove the ECM passwords.
 - The ECM Password Removal window will display the number of counts remaining, if any.
 - Select Cancel to close the ECM Password Removal screen.
 - Zap-IT passwords are entered using the Cummins License Configuration Tool (LCT)
 - Zap-IT Counts can be obtained from local Distributors





ECM Connections

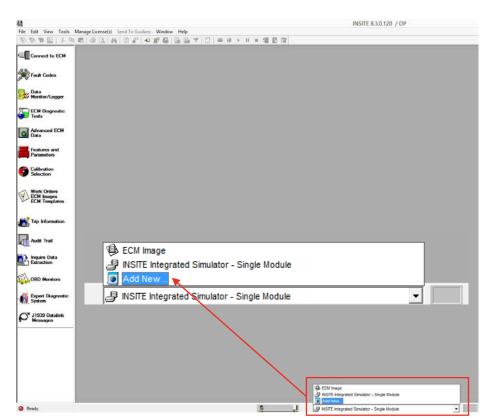
Adding New Connection



- Click on connection
- Select "Add New..."
- Dialog box for ECM Connection
 Wizard should appear as shown.



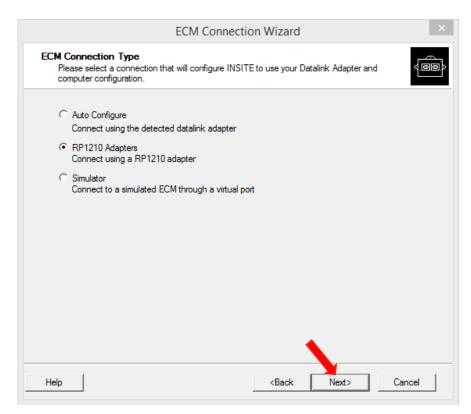
Click "Next" to continue.



Adding New Connection



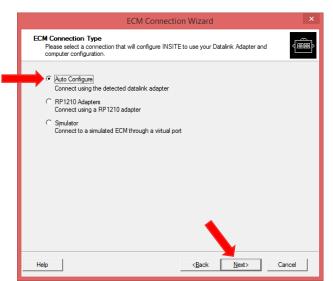
- Select appropriate connection.
 - Auto Configure
 - Automatically detects installed datalink adapters
 - RP1210 Adapters
 - Manually configure the datalink adapter connection
 - Simulator
 - Creates simulated ECM environment using virtual port
- Click "Next" to continue.

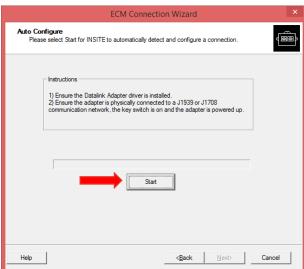


Auto Configure



- Auto Configure will automatically detect and connect to an RP1210A compliant
 adapter that is installed on the PC
- Select Auto
 Configure and click
 the Next button
- Ensure that the steps listed in the Instructions have been completed
- Click the Start button

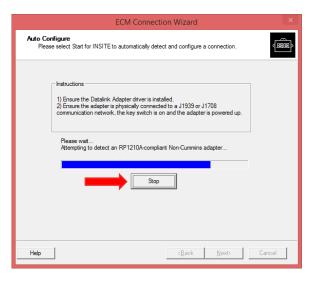


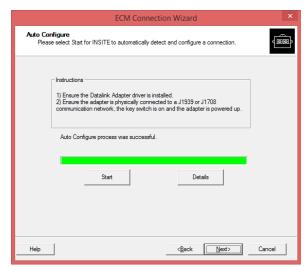


Auto Configure



- Auto Configure will attempt to detect and connect to an RP1210A compliant adapter
- This can take <u>several minutes</u> to complete
- To cancel the process, click the Stop button, otherwise let it run until it completes

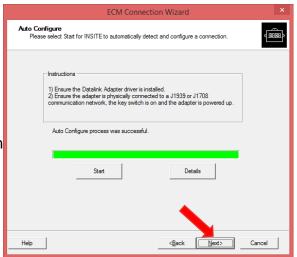


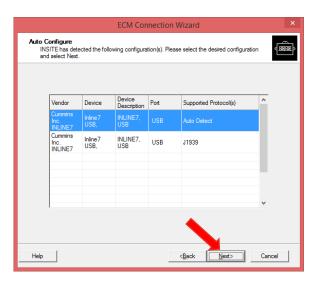


Auto Configure



- Auto Configure process was successful
- Click on the Next button to continue
- Select the desired adapter configuration
- Click on the Next button to continue

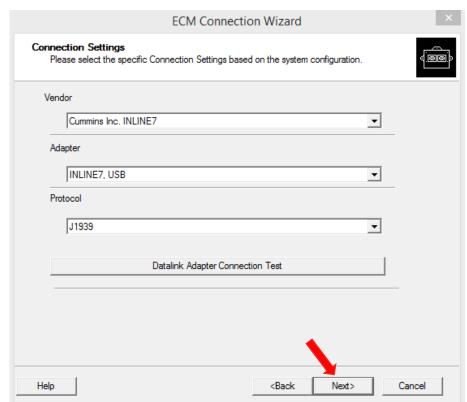




RP1210 Adapters

Curprins

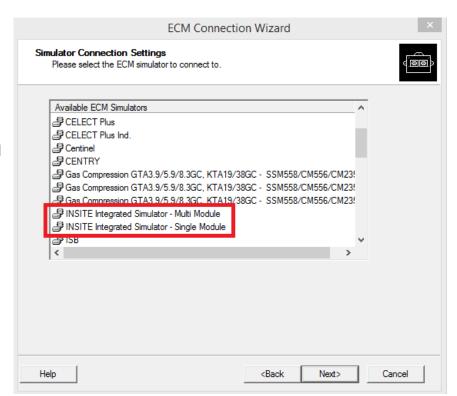
- Select desired vendor
- Select desired adapter
 - Ensure correct connection type is selected (such as USB, Bluetooth, Wireless, or COM port)
- Select protocol
 - Auto Detect, J1939 or J1708
- If desired, you may click "Datalink Adapter Connection Test" to validate driver installation
- Once successful, click on "Next" to continue



Simulator



- Simulates connections to all supported engines
 - Almost full simulated tool functionality
 - Can be used for training or exploring Engine
 Features without being connected to an Engine
 - Data is simulated and does not represent actual engine data
- Classic simulator options available for pre-EPA 2007 engines
- Integrated simulator options available for EPA 2007 and newer engines.
 - INSITE Integrated Simulator Multi Module
 - Simulates multi-module set up
 - INSITE Integrated Simulator Single Module
 - Simulates single module set up

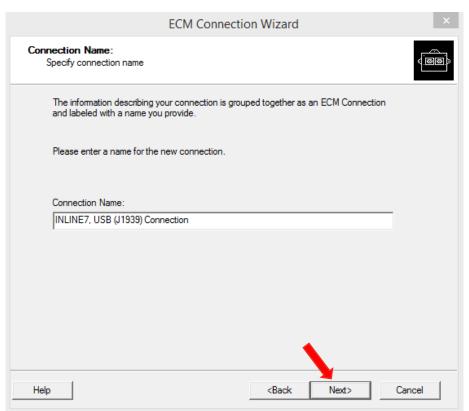


Adding New Connection



 Enter a desired name for the new connection.

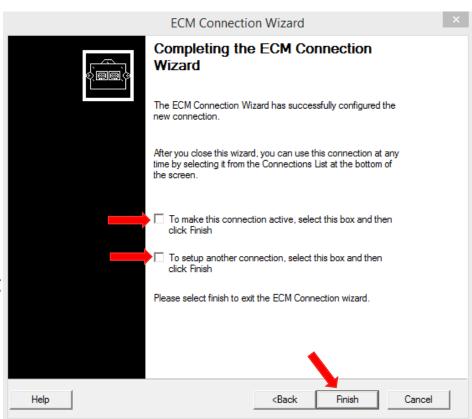
Click "Next" to continue.



Adding New Connection



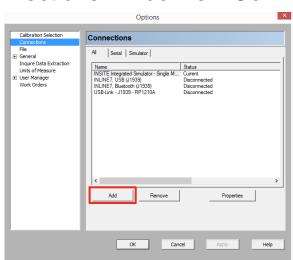
- If desired, select corresponding checkbox to make connection active.
- If desired, select corresponding checkbox to setup/add another connection.
- Click "Finish"
- NOTE: If another connection is not being created and connection is made active, the Connect to ECM dialog box will appear after finish.

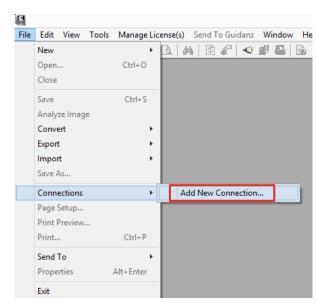


Adding New Connections



- Additional connections or simulators can be added by navigating the Menu Bar
 - Tools > Options > Connections
 - File > Connections > Add New Connection...





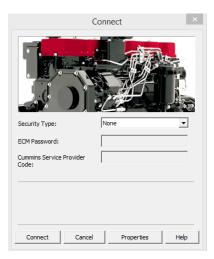
Selecting Connections

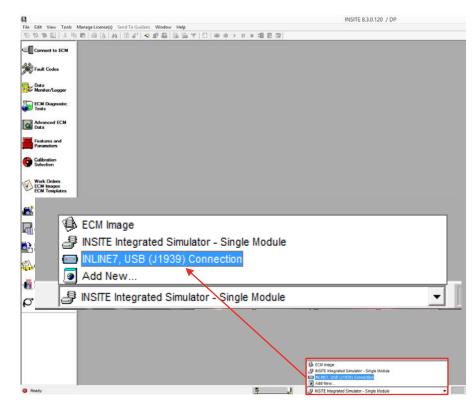


Select connection from dropdown.

 Connect dialog box should appear after selecting desired

connection.





Connecting to ECM

Curnining

Ctrl+E

Tools Manage License(s) Send To Guidanz

Connect to ECM

Disconnect ECM

Login a New User

ECM Passwords...

ECM Password Removal... Reset Datalink Adapter

Calibration Selection

Data Monitor/Logger Trip Information

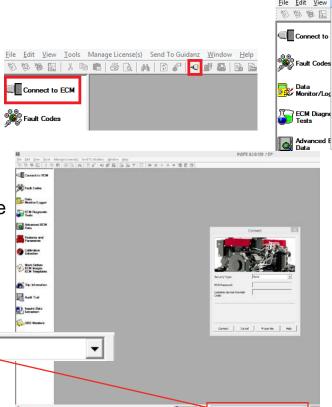
Options

Prioritized Fault Codes

- Use the left View Bar "Connect to ECM" icon
- Click on Tool Bar icon
- From Menu Bar, click on Tools → Connect to ECM
- Use keyboard key shortcut Ctrl+E

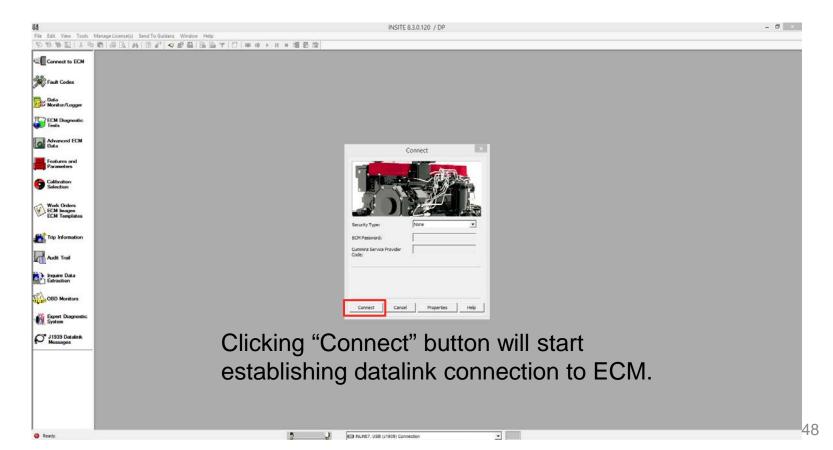
INLINE7, USB (J1939) Connection

 IMPORTANT NOTE: Always ensure the desired adapter is selected before attempting to connect to the ECM



Connecting to ECM







Fault Codes

Fault Information Systems

Fault Codes



- Fault Codes window displays an engine's fault data
- Each fault is represented by a Cummins fault code
 - Indicates a specific malfunction or abnormal condition within the controller, subsystem, or engine

Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
Fault Parameters	First	Last	Units		3.		10-	
ECM Time (Key On Time)	003083:20:35		ННННН:MM:SS					
Engine Hours	000399:16:25		НННННН:MM:SS					
Keyoffs	0							
Active	1	None	Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect		251	2	2	3597
Active	1	Amber	EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source	27		4	4	27
Active	1	None	Engine Injector Bank 1 Barcodes - Out of Calibration		392	13	13	2797
Active	1	Amber	Intake Temperature Sensor Circuit - Voltage			3	3	4765
Active	1	Amber	Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source			3	3	3242
	Fault Parameters ECM Time (Key On Time) Engine Hours Keyoffs Active Active Active Active	Fault Parameters First ECM Time (Key On Time) 003083:20:35 Engine Hours 000399:16:25 Keyoffs 0 Active 1 Active 1 Active 1 Active 1	Fault Parameters First Last ECM Time (Key On Time) 003083:20:35 Last Engine Hours 000399:16:25 None Active 1 None Active 1 Amber Active 1 None Active 1 Amber	Fault Parameters First Last Units ECM Time (Key On Time) 003083:20:35 HHHHHHH:MM:SS Engine Hours 000399:16:25 HHHHHHH:MM:SS Keyoffs 0 Active 1 None Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source Active 1 None Engine Injector Bank 1 Barcodes - Out of Calibration Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source Active 1 Amber Intake Temperature Sensor Circuit - Voltage Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage	Fault Parameters First Last Units ECM Time (Key On Time) 003083:20:35 HHHHHHH:MM:SS Engine Hours 000399:16:25 HHHHHHH:MM:SS Keyoffs 0 Active 1 None Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source Active 1 None Engine Injector Bank 1 Barcodes - Out of Calibration Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source Active 1 Amber Intake Temperature Sensor Circuit - Voltage Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage	Fault Parameters First Last Units ECM Time (Key On Time) 003083:20:35 HHHHHHH:MM:SS Engine Hours 000399:16:25 HHHHHHH:MM:SS Keyoffs 0 Active 1 None Power Supply Lost With Ignition On - Data Erratic. Intermittent, or Incorrect EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source Active 1 None Engine Injector Bank 1 Barcodes - Out of Calibration Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source Active 1 Amber Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage	Fault Parameters First Last Units ECM Time (Key On Time) 003083:20:35 HHHHHHH:MM:SS Engine Hours 000399:16:25 HHHHHHH:MM:SS Keyoffs 0 Active 1 None Power Supply Lost With Ignition On - Data Erratic. Intermittent, or Incorrect 251 2 Active 1 Amber EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source 27 4 Active 1 None Engine Injector Bank 1 Barcodes - Out of Calibration 392 13 Active 1 Amber Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage 3	Fault Parameters First Last Units ECM Time (Key On Time) 003083:20:35 HHHHHHH:MM:SS Engine Hours 000399:16:25 HHHHHHH:MM:SS Keyoffs 0 Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect 251 2 2 Active 1 Amber SegR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source 27 4 4 Active 1 None Engine Injector Bank 1 Barcodes - Out of Calibration Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source Aftertreatment 1 Diesel Particulate Filter Intake Temperature Sensor Circuit - Voltage 3 3

Fault Codes



Additional data can be viewed for each fault code by clicking to expand the fault

Fault Code	Status	Count	Lamp	Description	PID	SID	J1587 FMI	J1939 FMI	SPN
	Fault Parameters	First	Last	Units					
⊞ 1117	Active	1	None	Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect		251	2	2	3597
⊕ 2272	Active	1	Amber	EGR Valve Position Circuit - Voltage Below Normal or Shorted to Low Source	27		4	4	27
<u>□</u> 2765	Active	1	None	Engine Injector Bank 1 Barcodes - Out of Calibration		392	13	13	2797
	ECM Time (Key On Time)	003083:18:53	003083: 18:53	нннннн:мм:ss					
	Accelerator Pedal or Lever Indicator	Primary Accelerator Pedal or Lever	Primary Accelerator Pedal or Lever						
	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	-40.0	-40.0	°F					
	Aftertreatment Diesel Particulate Filter Intake Temperature	-40.0	-40.0	°F					

Fault Information System



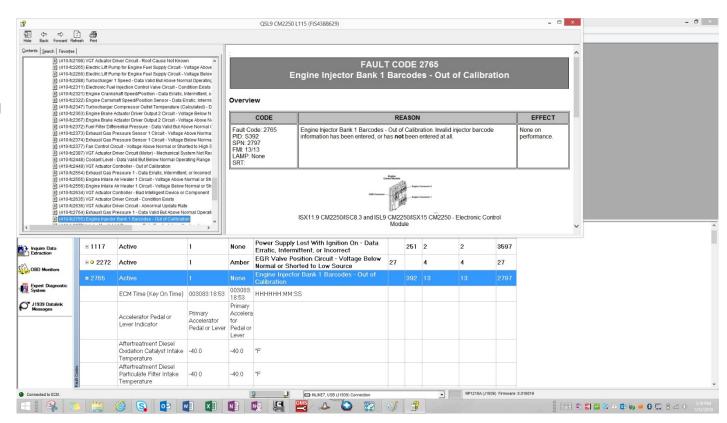
- Fault Codes window provides link to troubleshooting information
- Accessed by right-clicking on a displayed fault and selecting "Fault Trees Troubleshooting Steps"
- Right-click menu also allows sorting and printing fault codes

Fault Code	Status	6	Count		Lamp	Descri
	Fault F	arameters	First		Last	Units
€ 1117	Active		1		None	Power Erration
₽ 2272	Active		1		Amber	EGR \
= 2765	Active		1		None	Engine Calibra
	ECM	Expand Collapse			003083: 18:53	нннн
	Acce Leve	Reset Inactive Faults Reset All Faults Refresh All Sort			Primary Accelera tor Pedal or Lever	
	Afte Oxid	Print			-40.0	°F
	Tem	Fault Trees Overv				
	Afte Parti	Fault Trees Troub Fault Trees Index SAE J1939 Multipl			-40.0	°F

Fault Information System



 Follow steps accordingly in troubleshooting information.



Clearing Fault Codes



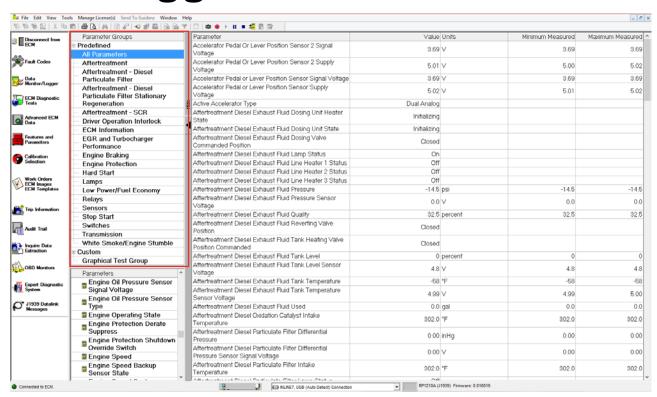
- Fault codes can be cleared by right-clicking in the fault code window, selecting Refresh All Faults, then clicking All as shown.
- A key cycle will be required after clearing fault codes
- Only fault codes marked "Inactive" will be cleared.
- Any fault codes marked "Active" will re-display in fault code window after key cycle. (If the fault is still present.)

Fault Code	Status		Count	Lamp	Des	scription			
	Fault Parameters			1	pi	ts			
□ CM2250	ECM Time (Key (Expand			Н	HHHH:MM:SS			
	Engine Hours	Collapse All				HHHHH:MM:SS			
	Keyoffs	Reset	nactive Faults						
- 1117	4 -4:	Reset /	All Faults		•	All	ith I		
⊞ 1117	Active	Refresh All				Selected ECM	or Ir		
⊕ ○ 2272	Active	Sort				GR Valve Position Circu ormal or Shorted to Lov			
	A -45	Print Fault Trees Overview				ngine Injector Bank 1 B alibration			
⊞ 2765	Active								
⊞ ○ 3314	Active	Fault 1	Trees Troublesho Trees Index 939 Multiplexed		ta	ertreatment 1 ake Temperatu ove Normal or :	re Sen		
⊞ 3317	Active		1	Amber	Inta	ertreatment 1 ake Temperatu ove Normal or :	re Sens		



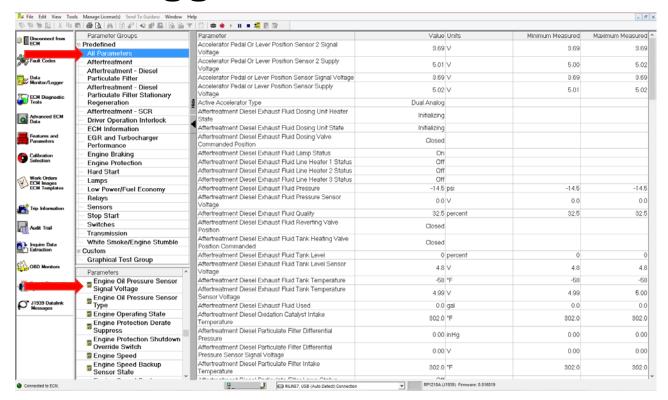
Cummins

 Predefined and Custom
 Parameter
 Groups available to allow common monitors to be selected quickly



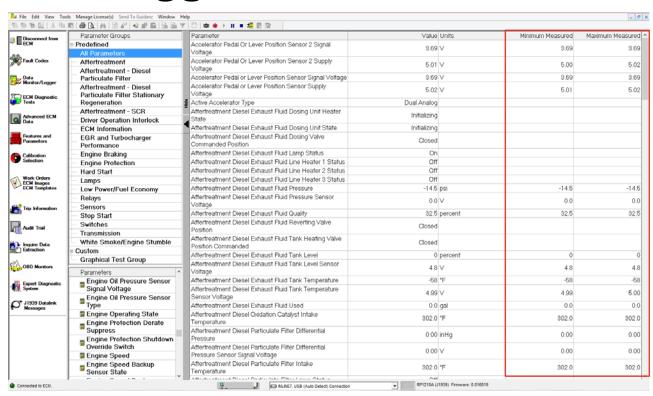
Cummins

 Ability to select all monitor parameters available or select monitor parameters individually



Cummins

 Ability to view minimum and maximum measured values of values read by INSITE while the parameters are being monitored





- Method to view or log live engine data at a user defined sample rate.
 - Monitor data:
 - View selected parameters to display
 - Start\Resume
 - Pause II
 - Stop •
 - Log data:
 - Continuous logged data for each parameter selected and saved to a file for analysis
 - - Single data point logged for each parameter selected and saved to a file for analysis
 - Start Graphical Monitoring ±
 - Graphical Monitoring for up to six (6) parameters
 - Set Sampling Rate
 - User settings for parameter sample rate
 - Setup Event Marker
 - Used to setup event markers to mark events in log files

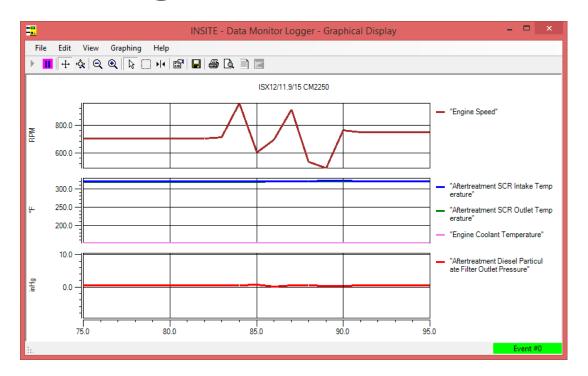


- An event can be marked while logging in the main Data Monitor / Logger screen, or when in Graphical Monitoring, by pressing the spacebar
- This provides the option to enable or disable the Event Marker as well as providing the option to create comments for event markers
- The Log file contains the Event Marker Description.
- Data Monitor/Logger provides a means to View, Log or Snapshot live engine data
- Log and Snapshot files can be saved as a CSV or Tab delimited (.txt) files for analysis in Excel
- The Data Monitor/Logger appearance can be modified through Tools → Options to display data in a larger font

Graphical Monitoring



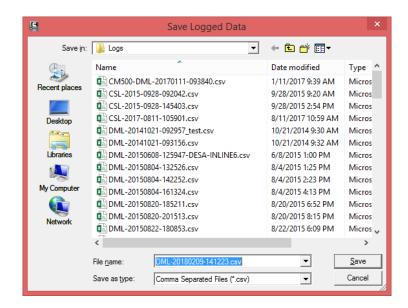
- Graphical Monitoring is a way to display, log, print, and save data for up to six parameters in a graph
- Graphical Monitoring visually monitors and plots multiple parameters into a graphical display
- Graphical Monitoring also supports importing graphical logs and playback of the log





Converting a Log file for external use:

- Generate a Log File
- Save the Log File
 - INSITE prompts to save once Stop has been selected in Data Monitor/Logger
 - The log files or the snapshot files are saved as Comma Separated Value (CSV) files
 - This file is saved to the hard drive in the C:\Intelect\Insite\Logs Directory or to the drive INSITE is installed
 - User Comments can be added to the Log File





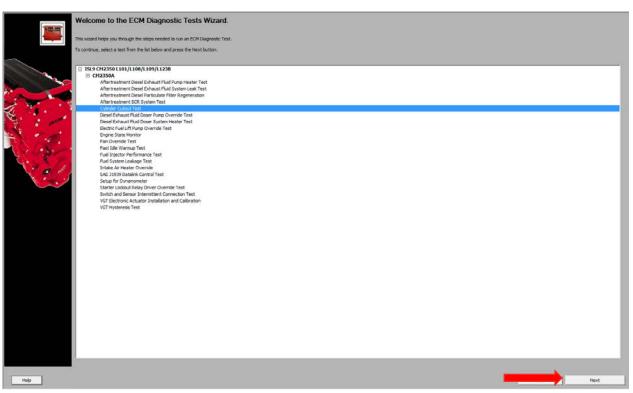
Diagnostic Tests

Advanced ECM Data

Diagnostic Tests

Curninins

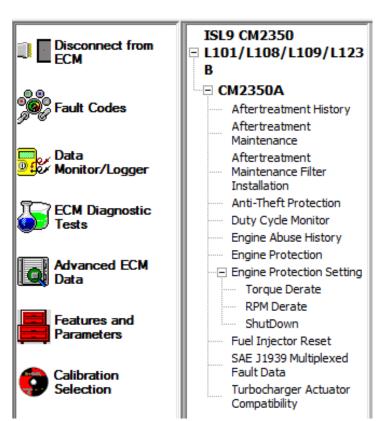
- Displays tests available for the connected engine
- Each engine supports different diagnostic tests
- Select the desired test and click the "Next" button
- Always follow the directions of each test carefully



Advanced ECM Data



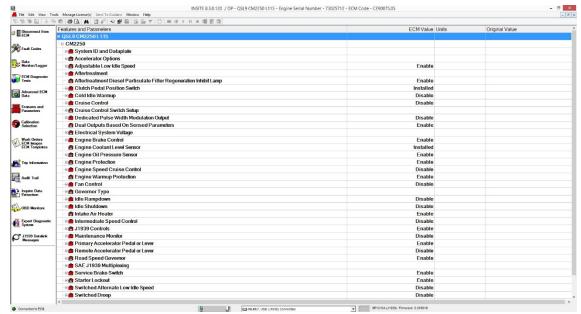
- Displays the special features available for the connected engine
- Each engine supports different special features
- Select the desired special feature
- Always follow the directions of each feature carefully







- Allows licensed user to make changes to ECM settings
- Multiple adjustments can be done at one time
- Tool Tips are available that help in adjusting parameters and viewing limits
- Feature group categories can be expanded or collapsed to adjust parameters



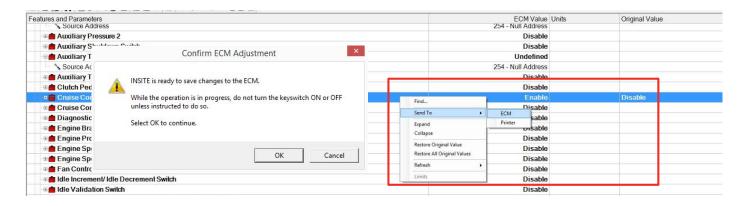


- Available features and parameters displayed are calibration based and will vary by engine family
 - Parameters are a subset of features
- Adjustable features and parameters will be displayed with or icons
- Selected features and parameters will be displayed with the parameters or parameters will
- Some features and parameters may be locked and are indicated by icons

a	System ID and Dataplate
⊕ 👩	Accelerator Options
•	Adjustable Low Idle Speed
a	Aftertreatment
. 6	Aftertreatment Diesel Particulate Filter Regeneration Inhibit Lamp
	Clutch Pedal Position Switch
•	Cold Idle Warmup
	Cruise Control
a 6	Cruise Control Switch Setup
⊕ 🚅	Dedicated Pulse Width Modulation Output
	Dual Outputs Based On Sensed Parameters
•	Electrical System Voltage
4	Engine Brake Control
e	Engine Coolant Level Sensor
±	Engine Oil Pressure Sensor
• 6	Engine Protection
•	Engine Speed Cruise Control
e d	Engine Warmup Protection
⊕ 🚅	Fan Control
•	Governor Type
•	Idle Rampdown
0 🚅	Idle Shutdown
· d	Intake Air Heater
4	Intermediate Speed Control
•	J1939 Controls
4	Maintenance Monitor
±	Primary Accelerator Pedal or Lever
⊕ 🚅	Remote Accelerator Pedal or Lever
1	Road Speed Governor
±	SAE J1939 Multiplexing
0	Service Brake Switch
±	Starter Lockout
a	Switched Alternate Low Idle Speed



- To change a parameter, navigate to the desired feature
- In the ECM Value column, enter or select the desired value
 - -The new value should be displayed in the ECM Value column and previous value will be displayed in the Original Value column.
- Once all changes are made, right click in the Features and Parameters window and select Send To > ECM or click the "Send to ECM" button in the menu bar
- Select OK in the Confirm ECM Adjustment window to confirm saving changes.
 - Key cycle will be required after changes are saved to ECM



Features and Parameters for Multi-Module ECM(s)

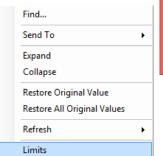


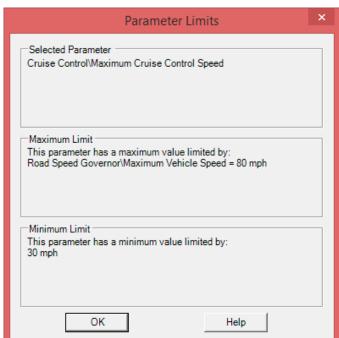
 When connecting to a multimodule ECM you will see the primary and secondary ECM(s) in Features and Parameters.

Features and Parameters	ECM Value Units	Original Value
QSK50/60 CM2350 MCRS K108/K116/K117		
© CM2350A[0][Primary]		
🚎 🖺 System ID and Dataplate		
Accelerator Options	Enable	
≝ ≜ Adjustable Low Idle Speed	Enable	
≇ ≜ AEM Trend Log		
₫ a Aftertrealment		
⊞ fi Air Shut Off Valve	Enable	
- 📋 Dual Oulputs Based On Sensed Parameters	Enable	
- ∰ Electrical System Voltage		
■ Engine Energy Produced	Enable	
→ ★ Engine Oil Pressure Sensor	Enable	
∉ ≜ Engine Protection	Enable	
📑 Engine Warmup Protection	Enable	
− ≜ Ether injection	Disable	
- a de ldle Shuldown	Disable	
📑 Inducement Override Switch	Enable	
a 🗂 Intermediate Speed Control	Enable	
≝ ≜ Load Management	Enable	
⊕ Primary Accelerator Pedal or Lever	Enable	
≆ 🖹 SAE J1939 Multiplexong		
☐ Trip Information	Enable	
♠ Water In Fuel Sensor	Installed	
© CM2350A[1][Secondary 1]		
☐ System ID and Dataplate		
≡ ≜ Trip Information	Enable	
© CM2350A[144][Secondary 2]		
Affortroalment		



- Limits can be viewed by selecting "Limits" from the right-click menu within the Features and Parameters window.
- Limits will display the name as well as both minimum and maximum limits for the selected parameter.







Calibration Selection

ECM/PDD Code Search

Calibration Selection



■ Provides ability to update the configuration or change the rating of an engine

Automotive
Industrial
HHP/PowerGen

ɨ -- 🍋 Programmable Datalink Device

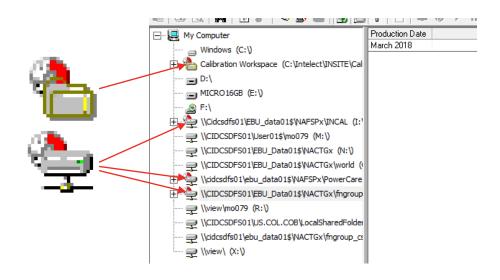
Requires Pro functionality license

- Products are sorted into groups
 - Automotive
 - Industrial
 - HHP/PowerGen
 - Programmable Datalink Device (PDD)





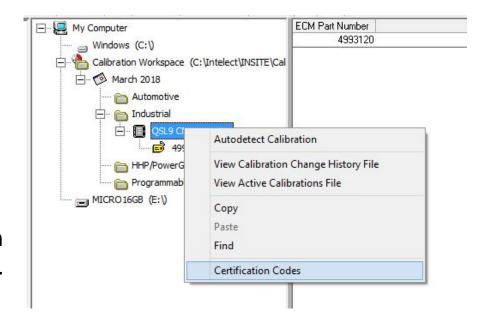
 Calibrations are detected in INSITE when INCAL DVD icon is displayed next to folder or drive



Adding Certification Codes



- Certification Codes will need to be selected prior to calibration download being performed initially.
 - Right-click the engine name
 - Select "Certification Codes"
- Certification Codes can also be selected from Tools>Calibration Selection>Certification Codes...

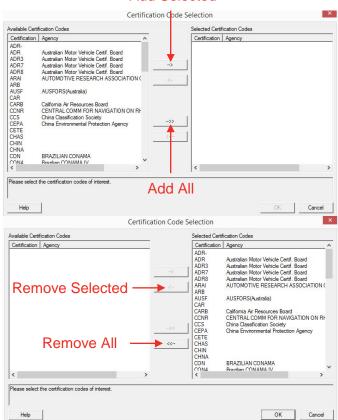


Add/Remove Certification Codes



Add Selected

- Adding/Removing Certification Codes can be done in several ways
 - Select desired certification codes from the list, then click the "Add/Remove Selected" button
 - Click the "Add/Remove All" button



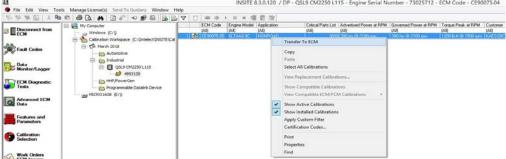
Fleet Counts



- A Fleet Count is not required when:
 - Calibrating an ECM to a new ECM Code revision
 - Superseding ECM Codes
 - A Fleet Count is required when:
 - Calibrating a ROM booted ECM
 - Calibrating a New or RECON ECM
 - Changing to a different ECM Code
 - Fleet Count passwords are entered using the Cummins License Configuration Tool (LCT)
 - Fleet Counts can be obtained from local Distributors

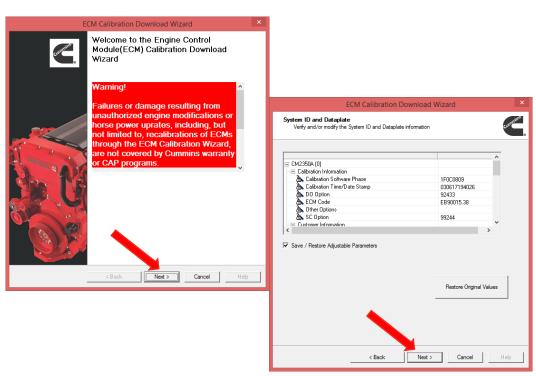


- Connect to ECM
- Open Calibration Selection and select ECM\PDD button
- If Auto-Detect is enabled, INSITE will automatically detect the calibration code currently in the ECM.
- If Auto-Detect is not enabled, locate desired calibration in Calibration Workspace or other location (such as INCAL DVD or network drive)
 - Requires downloading calibration from ECM Code Search in INSITE or through Quickserve
- Select calibration
- Right-click on calibration and select "Transfer to ECM"





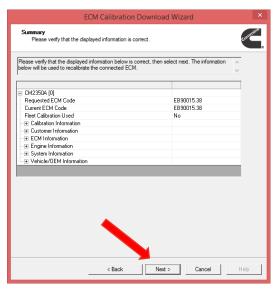
- Click the Next button on the Calibration Download Wizard window
- Review the System ID and Dataplate information
 - Dataplate information can be edited in this window
 - The Restore Original Values button will undo all edits made
 - The Save/Restore Adjustable Parameters box is checked by default. (Recommended)
- Click the Next button





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- Verify the information in the Summary window
- Click the Next button to continue
- Review the Adjustment Confirmation window
 - Anytime, up to this point, you can cancel the download and go back
- Click on the OK button to continue

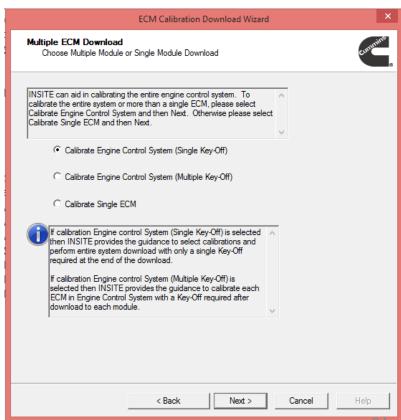




Performing a Multi-Module Calibration Download



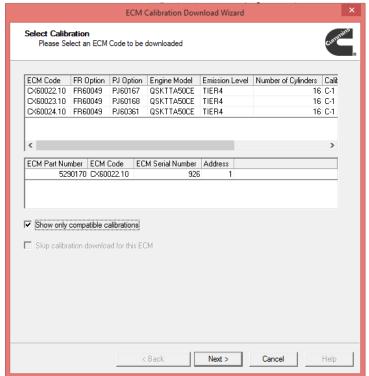
- When connected to a primary and one or more secondary ECM(s), you will be prompted to select one of the following options:
 - Calibrate Engine Control System (Single Key-Off)
 - Calibrate Engine Control System (Multiple Key-Off)
 - Calibrate Single ECM



Performing a Multi-Module Calibration Download

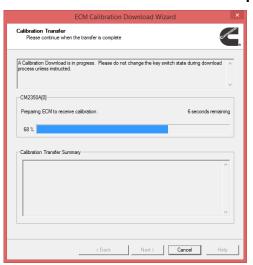


When using either the Calibrate Engine Control System (Single Key-Off) or the Calibrate Engine Control System (Multiple Key-Off) options, INSITE will display compatible secondary calibrations to select during the Select Calibration process.



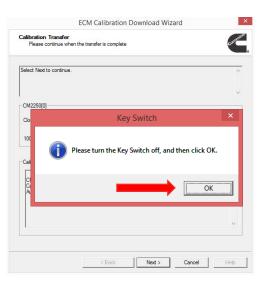


Calibration Transfer progress windows





 Turn off the key switch and click on the OK button to continue

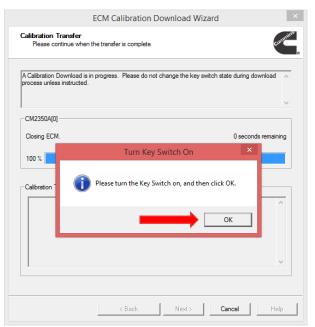






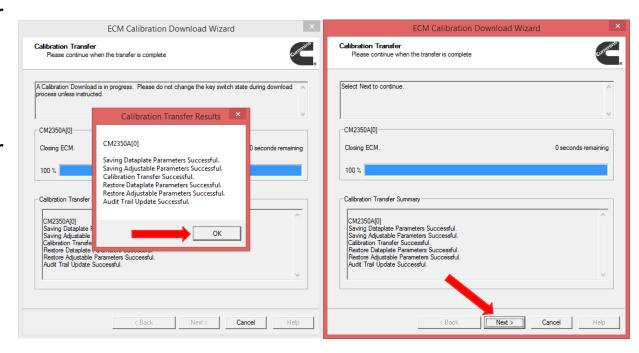
- Calibration Transfer Key
 Switch progress message
- Turn on the key switch and click on the OK button to continue





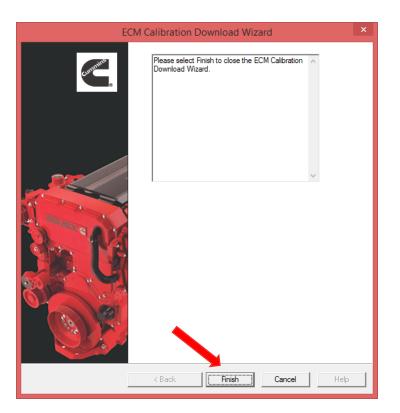


- Calibration Transfer Results window
- Click the OK button to continue
- Calibration Transfer Complete window
- Click on the Next button to continue



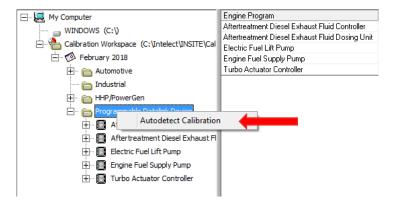


 Click on the Finish button to close the ECM Calibration Download Wizard





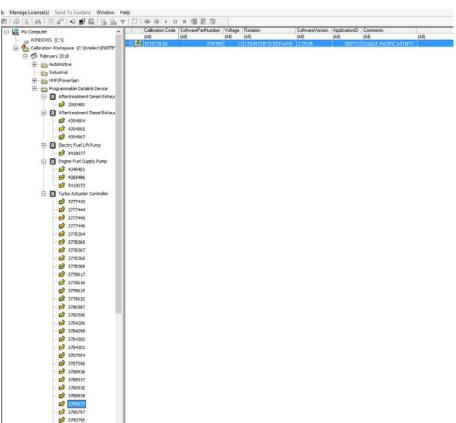
- Connect to ECM
- Open Calibration Selection and select ECM\PDD button
- Right click on Programmable Datalink Device (PDD) and select Autodetect Calibration
- Or locate desired calibration
 - In Calibration Workspace
 - Requires downloading calibration from ECM Code Search in INSITE or through Quickserve
 - INCAL DVD
 - Network Drive







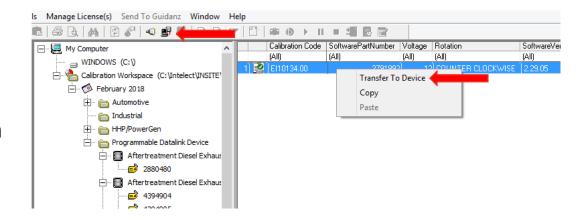
 Autodetect will find and select the appropriate calibration code for the connected PDD







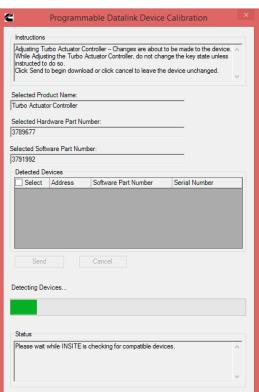
 Right click the desired calibration code and select "Transfer To Device" or select the "Transfer to ECM" button from the toolbar





 On the Calibration Download Wizard click on the Next button

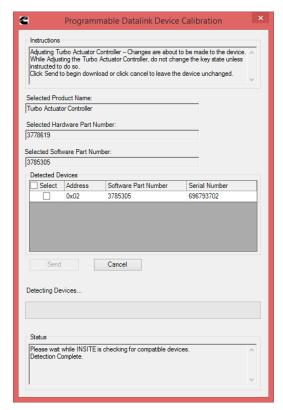


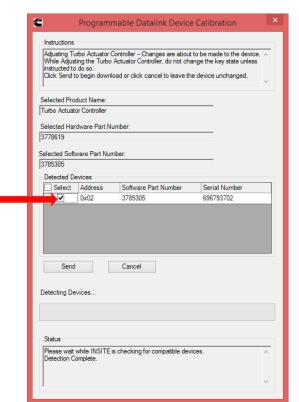






On the PDD
 Calibration window select the device to be calibrated by checking the box

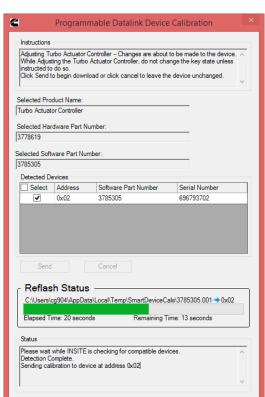


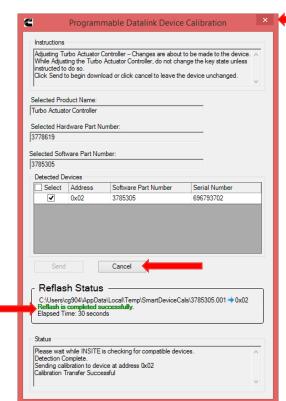






- On the PDD
 Calibration window,
 when the "Reflash is
 completed
 successfully"
 message appears,
 click on the Cancel
 button Red X
 button to close
 the window and
 continue
- The ECM will reconnect automatically

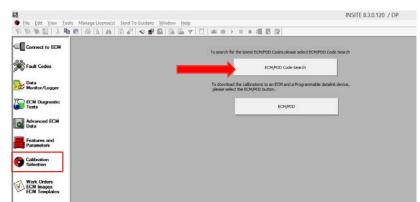




ECM/PDD Code Search



- ECM Code Search allows checking for calibration updates and reviewing calibration history regardless of ECM connectivity
 - When not connected to ECM, the search box will appear to search for calibration updates by manually entering ECM or PDD Code
 - When connected to ECM, you can only check for calibration updates or review calibration history of the connected ECM

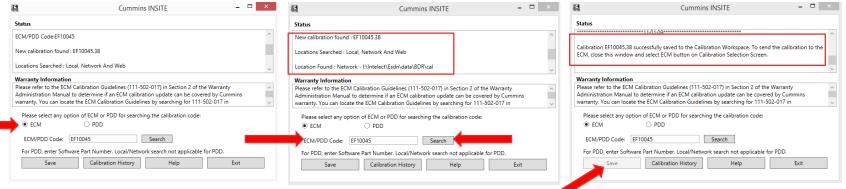


<u>a</u>	Cummins INSITE ×
Status	
Warranty Information	n
	f an ECM calibration update can be covered by Cummins warranty. You can locate uidelines by searching for 111-502-017 in quickserve.cummins.com.
Please select any op	blion of ECM of PDD for searching the calibration code:
Please select any op © ECM	PDD PD Searching the Calibration code:
	_
● ECM ECM/PDD Code:	○ PDD
ECM ECM/PDD Code:	○ PDD Search

Using ECM/PDD Code Search



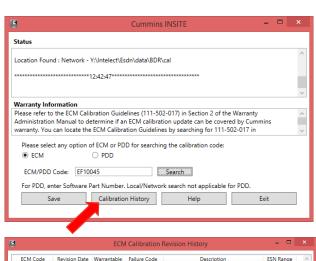
- Select desired option of ECM or PDD for searching for the calibration code
 - ECM (Engine Control Module) or PDD (DEF Controller, Turbocharger Actuator, etc.)
- Enter desired ECM/PDD code without revision number
 - (For example EF10045)
- Click on the Search button.
- Save button will appear as selectable when a calibration is found
 - Search status window displays locations searched, location found and save status (if applicable).

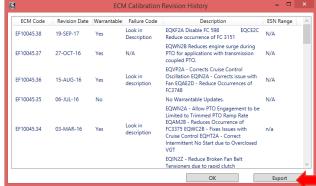


ECM/PDD Code Calibration History



- On the ECM/PDD Code Search window click on the Calibration History button
- Review the ECM Calibration Revision History
- Click on the Export button to export the information to a .csv file format









- On the Export window, click the Save button to export the Calibration History
- On the Export window, click the Cancel button to cancel and close the window
- Click on the OK button to return to the ECM Calibration History window

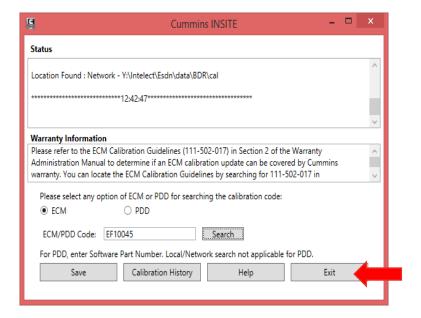




ECM/PDD Code Search



 On ECM/PDD Code Search window, click on the Exit button to close the window





ECM Images

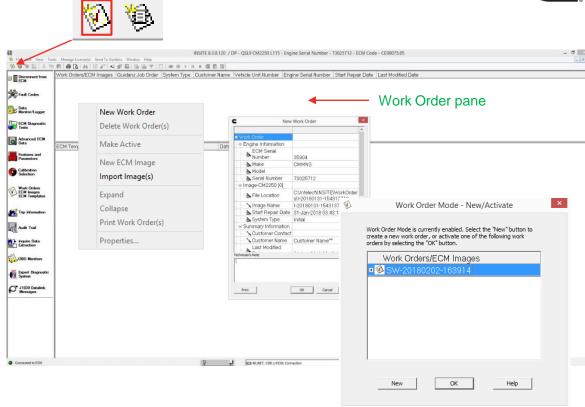
Templates



- A Work Order is the top level identifier that contains the ECM image(s).
 - An image is a copy of the ECM data
 - May contain multiple images
- Work Orders can be used to...
 - Identify a specific customer, vehicle or equipment
 - Help track vehicle and equipment repair history
- If Work Order Mode is enabled...
 - Prompted to create "Initial" image when connecting to an ECM
 - Prompted to create "Final" image when disconnecting from an ECM
- "User" images can be manually created under the Work Order while connected to an ECM

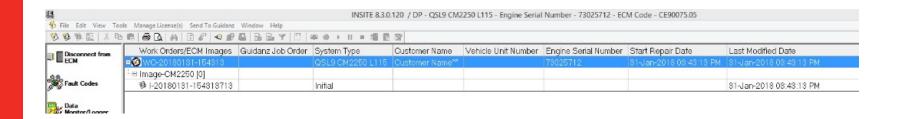
Curprins

- Work Orders can be created manually by right-clicking in the Work Order pane and selecting "New Work Order" or clicking "New Work Order" in tool bar
- If Work Order Mode is enabled and an existing compatible Work Order is detected, INSITE will prompt to select an existing Work Order to use or create a new Work Order
 - If a Work Order is not detected, INSITE will only prompt to create new Work Order



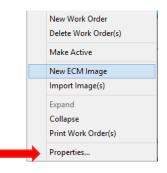


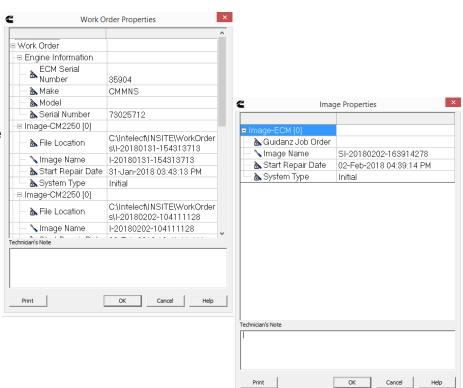
- Can be created manually by the user or automatically when Work Order Mode is enabled
- When a Work Order is created, an "Initial" ECM image is also created by default
- When connected to an ECM, only Work Orders compatible with that Engine Serial Number will be displayed
- All Work Orders can be viewed when not connected to an ECM
- Recommended to always create a Work Order, preferably with Work Order Mode enabled





- Work Order and ECM Image names are defaulted to a Date – Time format
 - WO-20180131-145950 = 01/31/2018-2:59:50pm
- Image Name and Notes can be edited at the time of creation
- Image Name and Notes can be also edited in the right click Properties menu

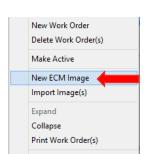




ECM Images







Properties...



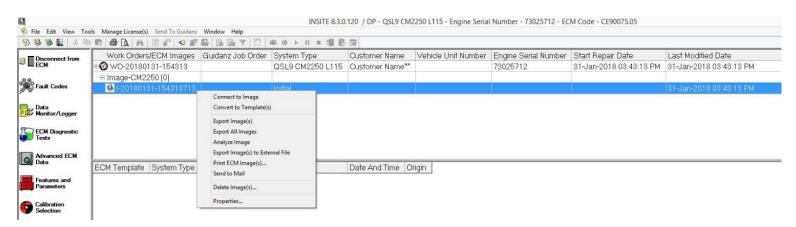
- "Initial" images are created with new Work Order
- "User" images can be created at any time when connected to an ECM
- "Final" images are created when disconnecting from ECM and Work
 Order Mode is enabled
- New Images can be created by clicking the "New ECM Image" button in the tool bar or by selecting "New ECM Image" in right-click menu of selected Work Order

Work Orders/ECM Images	System Type	Customer Name	Vehicle Unit Number	Engine Serial Number	Start Repair Date	Last Modified Date
🕫 🅯 WO-20180131-154313	QSL9 CM2250 L115	Customer Name**		73025712	31-Jan-2018 03:43:13 PM	02-Feb-2018 10:41:11 AM
- Image-CM2250 [0]						
	User					02-Feb-2018 10:41:11 AM
🥦 I-20180131-154313713	Initial					31-Jan-2018 03:43:13 PM

ECM Images



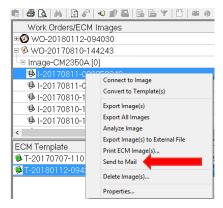
- Right-clicking on an existing image also allows you to...
 - Export
 - Analyze
 - Print
 - Delete
 - Send to Mail

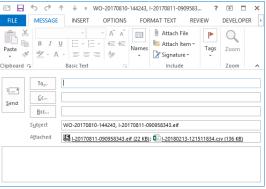




Cummins

- Right click on the desired ECM Image
- Select Send to Mail option
- INSITE will open the default email program and attach the files

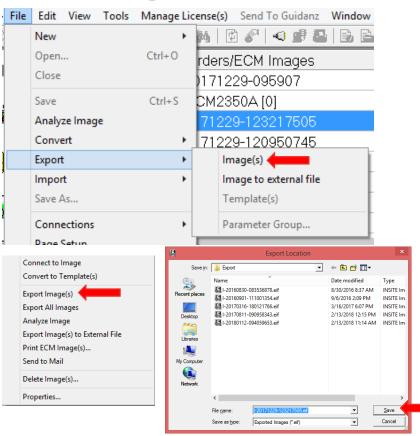




Exporting Images & Templates

Curninins

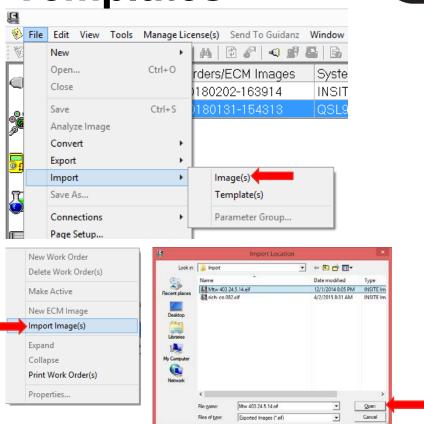
- Select desired Image or Template file
- File > Export > Image(s) or Template(s) or Select Export Image(s) or Export Template(s) from right-click menu of image or template
- Click Save button to export
- INSITE images can be exported as the following file formats
 - EIF
 - If exported image or template is intended for use on another INSITE
 - CSV
 - If wanting to view ECM image in Excel
 - TXT.
 - If wanting to view in plain text
- INSITE templates can only be exported as .ETF file format



Importing Images & Templates

Curninins

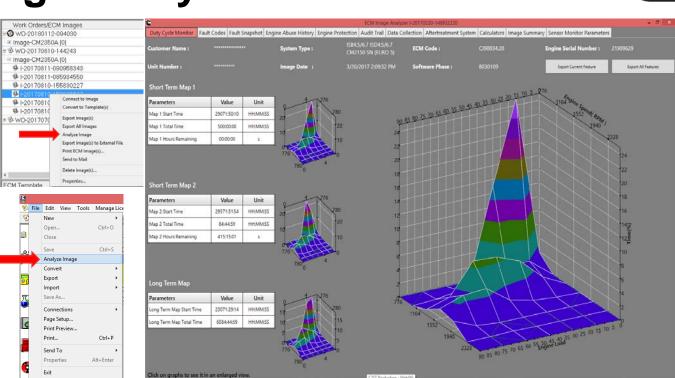
- File > Import > Image(s) or Template(s)
- Right click on a Work Order and select Import Image(s) or Import Template(s)
- Browse to and select desired image or template file
 - Images must be in .EIF file format
 - Templates must be in .ETF file format
- Click the Open button to import







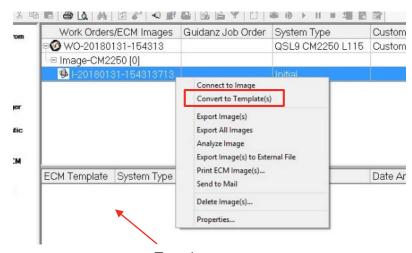
- ECM Imager Analyzer is a tool to view all information in an ECM Image in one convenient location
- Open Work Orders then right click on an ECM Image and select Analyze Image or select an ECM Image then select File>Analyze Image
- The information is displayed in separate tabs





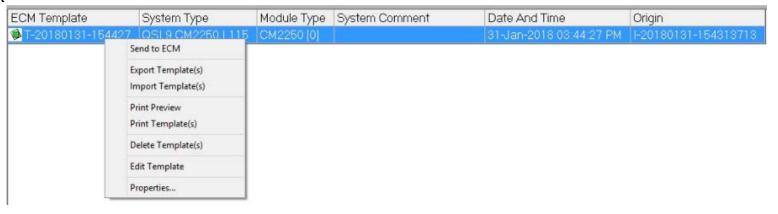
- ECM Images also can be converted into a template
 - Either select the "Convert to Template(s)" button in menu bar or in right-click menu when desired ECM image is selected
- Allows transferring of the same Feature and Parameter setup from a given ECM image to multiple ECMs







- After a template has been created, right-click on the selected template to...
 - Send to ECM
 - Export
 - Print and Print Preview
 - Delete
 - Edit



31-Ja

Customer Name Vehicle Unit Number | Engine Serial Number | Start

73025712

Template name and comments can be customized at time of creation or by going to Properties in right-click menu of selected template

A System Type

Module Type

A Date and Time

Serial Number

♠ File Location

a Origin

System Comments

Print

▲ Customer Name

□ Image-CM2250 [0] New ECM Template ► ECM Template Name T-20180131-154427 System Type QSL9 CM2250 L115 ECM Template System Type Module Type System Comment Module Type CM2250 [0] A Date and Time 31-Jan-2018 03:44:27 PM A Customer Name Customer Name** Serial Number 73025712 Origin I-20180131-154313713 **ECM Template Properties** C:\Intelect\INSITE\WorkOrders\ ♠ File Location T-20180131-154427 ► ECM Template Name T-20180131-154427 QSL9 CM2250 L115 CM2250 [0] 31-Jan-2018 03:44:27 PM Customer Name** 73025712 I-20180131-154313713 C:\Intelect\INSITE\WorkOrders\ T-20180131-154427 System Comments Print

QSL9 CM2250 L115 Customer Name**

Work Orders/ECM Images | Guidanz Job Order | System Type

WO-20180131-154313

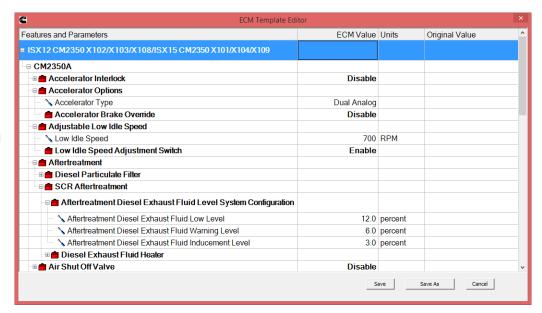
Cancel

111

Cancel

Curprins

- ECM Template Editor
 - Allows users to edit
 Features and Parameters
 that can be modified in an
 ECM Template





- Report provided after sending to ECM
 - Advises which parameters were not able to be written to ECM
 - User can use this to setup the vehicle accordingly

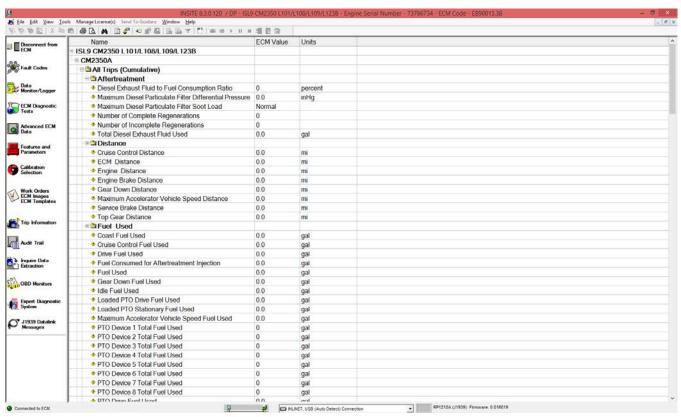




Trip Information







Trip Information

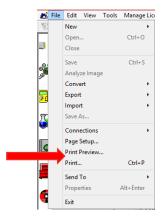


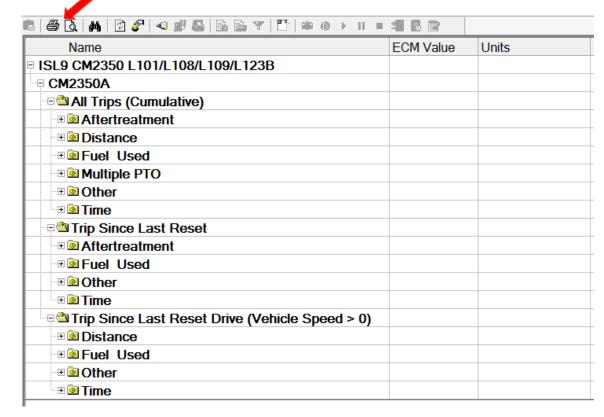
- Trip Information continuously monitors and records engine operating data that tracks engine and driver performance
- Stored data can be viewed using INSITE™
 - Live module
 - Exported ECM Image
- Parameters are grouped differently, according to the ECM
- Not all ECMs list the same parameters
- Allows the user to view ECM Values for multiple time periods
 - Lifetime of the ECM
 - Since the Trip Information was last reset
- Trip Fuel Report will display all fuel related parameters for the above time periods
- INSITE™ allows the user to print these screens

Trip Information

Cururning

- Trip Information may be printed or print previewed when connected to the ECM or Image
 - Tool Bar Printer Icon
 - File → Print

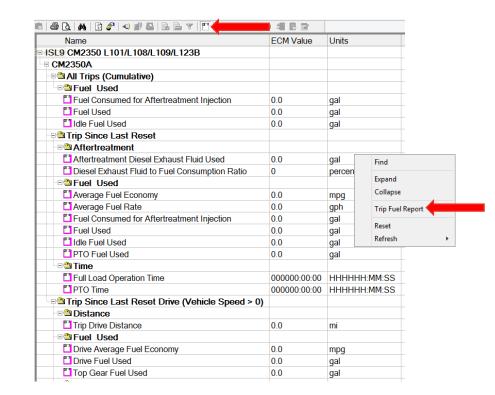




Trip Information > Trip Fuel Report



- A Trip Fuel Report is a condensed list of fueling parameters
- Available on any engine that supports Trip Information
- Select Apply Custom Filter from the Tool Bar or right click in the Trip Information window and select Trip Fuel Report
- Trip Fuel Report can only be Printed or Print Previewed from this view





Audit Trail

Audit Trail



- Tracks and records changes made to ECM
 - Tool ID (INSITE version)
 - User ID (tool instance)
 - Identifies type of ECM changes
- Audit Trail displays the last four or eight times, if supported by the calibration, that the ECM was modified
- A single record can contain multiple changes

Record Number	Tool Name	Tool ID	User Type	User ID	ECM Time (Key on Time)	ECM Real Time
		Code	Description			
QSL9 CM2250 L115						
□ CM2250						
-⊞ 1	INSITE	803100892901	Software	0000B672344D	003083:27:27	Not Applicab
∃ 2	INSITE	803001182901	Software	0000C92538F4	003058:01:04	Not Applicab
		027	Reset Fault Codes			
		030	Calibration Download			
		037	Customer/Vehicle Information			
⊞ 3	INSITE	803001112901	Software	0000C92538F4	002913:33:54	Not Applicab
± 4	INSITE	803001112901	Software	0000C92538F4	002912:37:03	Not Applicab



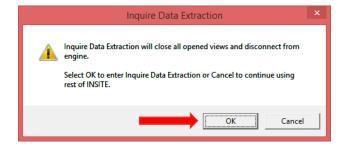


- Application for fleets that need to quickly gather vehicle data
- Simple connection to vehicles
- Provides resets as needed
- Data is automatically formatted for importing to a spread sheet or data base

Currinins

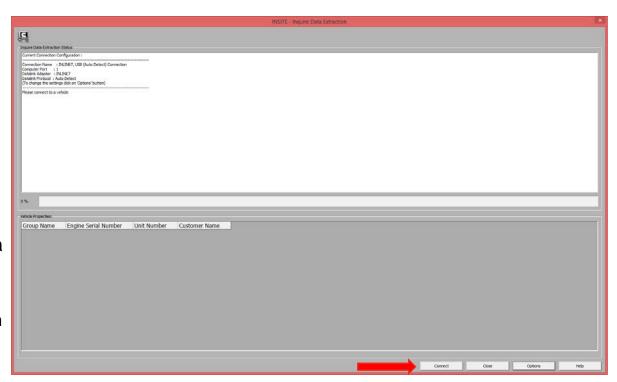
- To open Inquire Data Extraction click on Inquire Data Extraction on the view bar
- On the pop up message click the OK button
- Inquire Data Extraction will close all open views and disconnect from the engine.





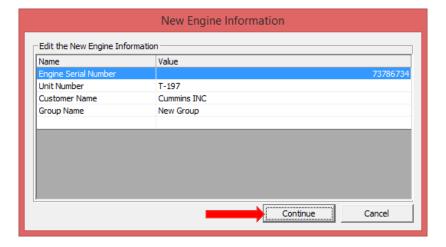


- Used to quickly extract and store ECM data
- Reset selected parameters in a connected engine when no active faults or other issues are present
- Inquire Data Extraction is typically performed while fueling the vehicle
- Extracted data is saved to a 'CSV' (Comma Separated Value) file for future use
- Click on the Connect button to continue





- 1st Time Engine Data Extraction
- Vehicle information Listed
- Can be customized for easier identification
- Click on the Continue button



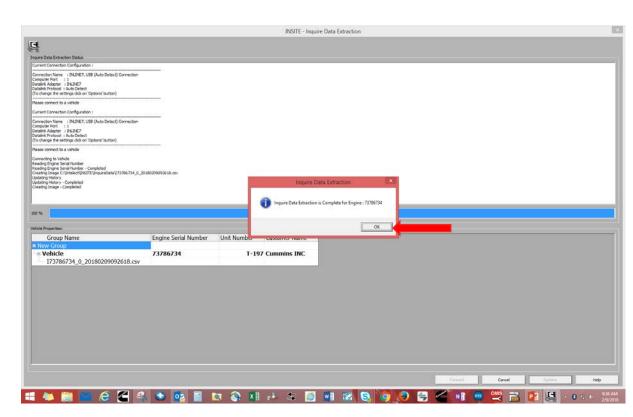


Data extraction in progress

	INSITE - Inc	quire Data Extraction				
rei						
뎔						
Inquire Data Extraction Status						
Current Connection Configuration :						
Computer Name : DRIDET, USS (Auto Detect) Connection Computer Fort : 1 Datable Applied : DRIDET Datable Applied : DRIDET Datable Applied : DRIDET Contamine Applied : DRIDET Contamine Applied : DRIDET Contamine Applied : DRIDET Contamine the Setting dick on Options' button)						
Please connect to a vehicle						
Current Connection Configuration :						
Connection Name : DALINET, USS (Auto Detect) Connection Computer Fort : 1 Databler Adopter : INLINET Databler And Forticat : Auto Detect (To Charge the Setting side on 'Options' button)						
Please connect to a vehicle						
Connecting to Vehicle Reading Integrals Serial Number Reading Engine Serial Number - Completed Creating Insige C: Untelect Unsign Principle Contents Insige C: Unselect Unsele						
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47%						
(MANAGED AND AND AND AND AND AND AND AND AND AN						
Group Name Engine Serial Number Unit Number Customer Name						
Group Name Engine Serial Number Unit Number Customer Name						
January 1980						
					L.F	
			Commit	Cancel	Octions	Help



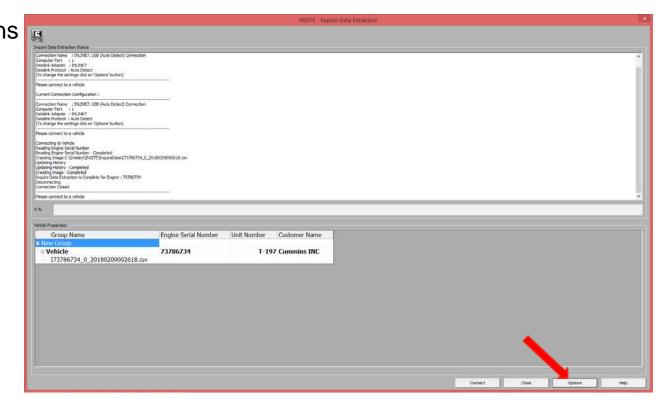
- Data extraction process complete
- Click on the OK button to continue







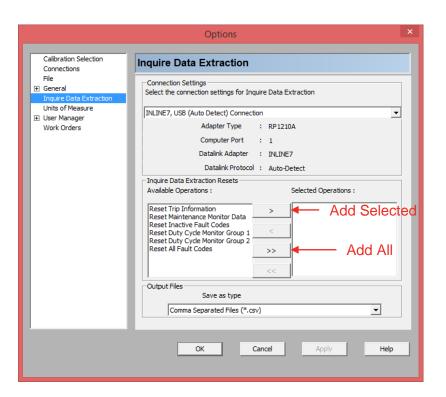
 Click on the Options button to view and set options to customize any further data extractions





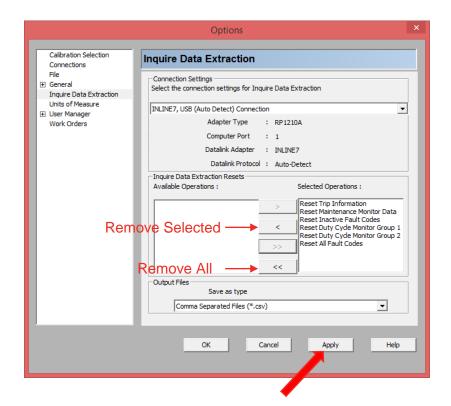
Cummins

- From here connection settings can be changed
- Reset operations can be selected
- The output file type can be selected



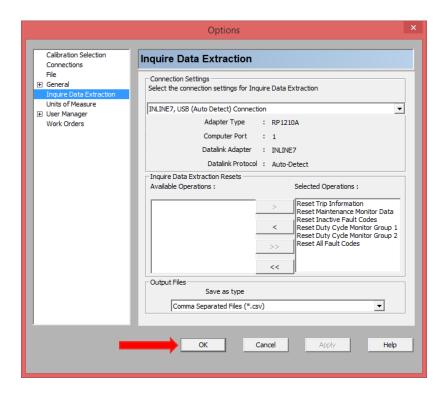
Cummins

 Select the desired options and click on the Apply button



Curprins

 Click on the OK button to continue







- Click on the Connect button to perform another data extraction or click on the Close button to exit and return to INSITE
- The user will need to reconnect to the engine to use INSITE

Convertion State 1 BLREP, US (Auto Detect) Convertion Convertion State 1 BLREP, US (Auto Detect) Convertion Convertion State 1 BLREP, US (Auto Detect) Con	Correction Name Bulbar Name Customer Name Bulbar Correction Name Bulbar Name Customer Name Bulbar Correction Name Bulbar Name Customer Name Bulbar Correction Name Section Name Bulbar Name Customer Name Bulbar Correction Name Section Name	Connecting the Vehicle Group Name Fingine State Completed Fingine St	Comparing Park (1) A 1				INSITE - Inqu	ire Data Extraction		
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New Group Vehicle 73786734 T-197 Cummins INC	**New Group	New Group Vehicle 73786734 T-197 Cummins INC	New Group							
Vehicle 73786734 T-197 Cummins INC	Vehicle 73786734 T-197 Cummins INC	∀Vehicle 73786734 T-197 Cummins INC	▼Vehicle 73786734 T-197 Cummins INC		Engine Serial Number	Unit Number	Customer Name			
				∀ehicle	73786734	T-19	77 Cummins INC			
									<u> </u>	

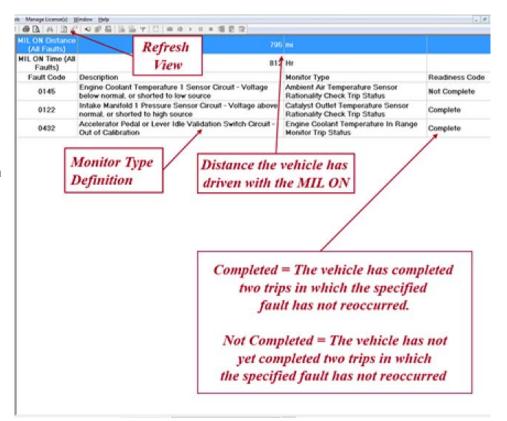


OBD Monitors

OBD Monitors



- The OBD system monitors components that can affect the emission performance of the vehicle
 - If supported in the engine calibration
- Displays a map of all available fault codes with associated monitor type and its readiness status.
- OBD Monitors are never cleared from this view
- User can refresh the view





Expert Diagnostic System (EDS)

Expert Diagnostic System (EDS)



- Web-based diagnostic/troubleshooting tool
- Designed to get to the most likely solution quickly
 - Based on technician feedback and historical service events
- Integrated into INSITE to offer single session with connected ECM
- Cannot be used in conjunction with Guidanz Web





J1939 Datalink Messages





- J1939 Datalink Messages displays specific parameter group numbers, and the information associated with those parameter group numbers.
- This feature allows the user to view information about specific J1939 messages.

PGN Name	PGN	SPN Name	SPN	Source Address	Value	Units
OEM 1	65413	Commanded Dual Fuel Mode	Not Available	00	Active Dual Fuel Mode	
OEM 1	65413	Dual Fuel Fault Reset requested	Not Available	01	Fault Reset Request	
OEM 1	65413	Methane Number	Not Available	02	65	
Generator Total AC Power	65029	Generator Total Real Power	2452 .	03	2	W
Transmission Control 1	256	Transmission Requested Gear	525	05	1	
Electronic Transmission Controller	61442	Transmission Output shaft Speed	191	08	1251	RPM

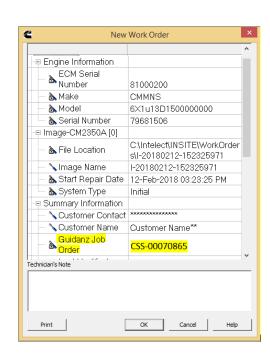


Guidanz Web (formerly CSS)





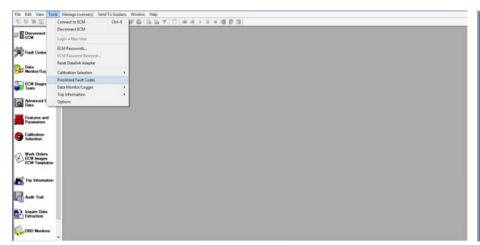
- Integrates service information, diagnostic solutions and associated administrative, diagnostic, accessibility and repair information based on prioritized fault codes
- If you are using Guidanz Web, you will be able to launch or return to INSITE from Guidanz Web
- If you create a new Work Order image the Guidanz Job order from Guidanz Web will be populated in the Work Order image
- Cannot be used in conjunction with Expert Diagnostic System (EDS)

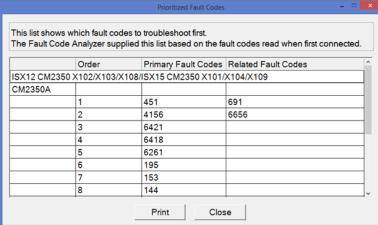






 Selecting Tools → Prioritized Fault Codes allows you to see a list of prioritized fault codes

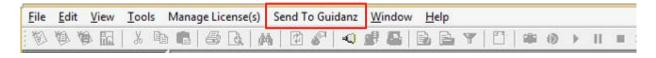




Guidanz Web Integration



 Once the Send To Guidanz option is active, the user can click on this option to send ESN (PSN), engine make and model, Work Order image file name, and fault codes in prioritized order to Guidanz Web



INSITE will prompt you if the data was sent to Guidanz Web successfully.





Support

How to Contact Cummins Care Electronic Tools



Phone: 1-800-CUMMINS (1-800-286-6467), select option 2, then 3

Email: <u>servicetoolsupport@cummins.com</u>

Web Chat: https://insite.cummins.com/chat/ChatLogmeinv2.html

Website: http://insite.cummins.com