

The logo features a stylized, three-dimensional gold-colored icon on the left, resembling a square with a complex internal geometric pattern. To its right, the letters "EICS" are rendered in a large, bold, italicized, gold-colored serif font.

# EICS

ENGINE INTEGRATED CONTROL SYSTEM

Integrated Ignition, Air/Fuel Control and Speed Governing



# ENGINE LIFE

Don't let your old engines become obsolete - breathe new life into your stationary engines with the Engine Integrated Control System [EICS] from Enovation Controls

Our turnkey engine integration package allows you to quickly and easily bring your outdated engine up to speed – saving you time and hassle associated with sourcing and installing separate components. Get all the major components in one complete package, precalibrated and dyno-tested for your convenience.

No more spec'ing out parts. No more dialing in. We've done the work for you.

Each EICS system was designed and tested to ensure your specific engine model runs at optimum performance, eliminating the need for manual field adjustments and reducing fuel costs. And when your engine runs at optimum performance, you get more – more efficiency, more emissions compliance\* and more engine diagnostics.

\*Optional Emissions Package Available

# EXTENDED

The EICS Performance Package includes:



Color Display for Operation,  
Status and Diagnostics



Air / Fuel Management  
EPR Electronic Pressure  
Regulator



Engine Control Module (ECM)  
- Ignition - Regulation  
- Air/Fuel Ratio - Reporting  
- Diagnostics - Local/Remote  
- Efficiency - Speed Governing



Air / Fuel Management  
Mixer



Smart Coils



Electronic Governing/  
Suction Pressure Base  
Speed Control

ENGINE INTEGRATED CONTROL SYSTEM





# ENGINE EMISSIONS

Engine emissions can be tricky – knowing what, how and when to make your engine meet emissions compliance requirements can be a struggle. Not anymore. Our EICS system helps you maintain emissions, and because the entire system was designed to work together, you save time and money associated with pretesting and site visits.

All components of the EICS system have been tested together to provide maximum compliance for your specific engine model – giving you the confidence you need to know that your equipment will remain in compliance and pass required testing.

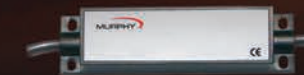
Not ready for emissions now? No problem. The EICS system comes in both emissions and non-emissions packages, and the emissions components can be added to your existing EICS system at a later point should you need emissions compliance in the future.

# OPTIMIZED

The EICS Emissions Package includes:



Integrated Catalyst/  
Sensor Package



Emissions Key



# ENGINE DIAGNOSTICS

What's the key to simplified engine diagnostics? Communication. The EICS system is ONE system designed to work together. Separate systems can't communicate with each other as well, which oftentimes leads to misdiagnosis or a malfunction.

The EICS system communicates with all the key components to quickly and accurately identify the original cause of malfunction – saving you time and money.

No more diagnosing and re-diagnosing the problem. No more advanced diagnostics training needed.

The EICS integrates and displays vital engine information on an easy-to-read LCD display. Now you can monitor your air/fuel control, ignition, sensors, emissions and more on one complete system.

***With EICS - it's that simple.***

Visit [www.fwmurphy.com/eics-engines](http://www.fwmurphy.com/eics-engines) to view a full list of supported engine models and to let us know which engine models you would like to see mapped next!

# SIMPLIFIED



ENGINE INTEGRATED CONTROL SYSTEM **EICS**





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**ISO 9001**  
REGISTERED



USA (TULSA) - ISO 9001:2008 FM 28221  
USA (ROSENBERG) - ISO 9001:2008 FM 28221  
UK-ISO 9001:2008 FM 29422  
CHINA-ISO 9001:2008 FM 523851  
Registered Facilities



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