



# Innovative technology C-LIB

Addressable Fire Alarm Panel System C-LIB Module



Engineering

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Your plant wide safety systems must provide confidence that both people and plant are fully protected in hazardous industrial working environment. SAFCO Engineering can give this confidence with our Fire Alarm Panel System: C-LIB

## SAFCO's C-LIB

SAFCO's C-LIB is the first addressable fire detection control panel fully integrated in a safety PLC platform.

The C-LIB is designed to be configured as integrated card in the standard RSLogix 5000 Allen Bradley software platform, and can be used in conjunction with all the Allen Bradley ControlLogix components, networking devices and IO cards, in order to realize a completely addressable and conventional Fire and Gas system.

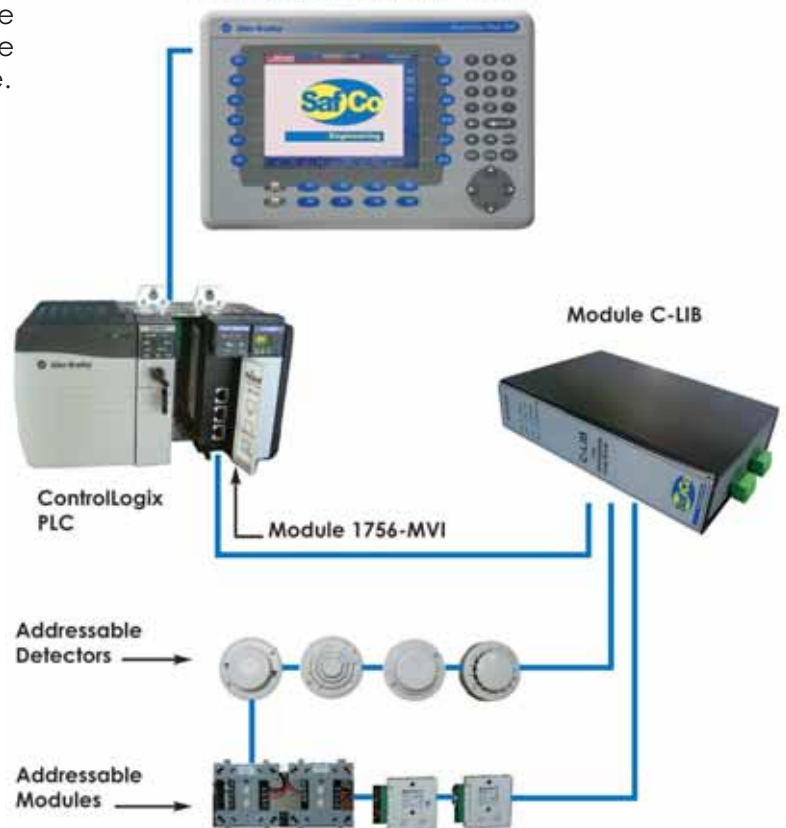
The C-LIB is designed to control all addressable initiating and notification devices included in the Notifier product range.

Through SAFCO's experience in the design and supply of plant wide Fire and Gas systems we recognise the importance of collaboration to support our customers. We are uniquely qualified to work with you to plan and design your system and supply a fully integrated system which suits your requirements.

C-LIB is equipped with the latest technology providing a robust and flexible system which can be integrated to meet the high demands of industrial plant locations, conform to the international standards and at the same time providing flexibility and ease of maintenance.



Panel View Plus Operator Interface



TUV Certificate



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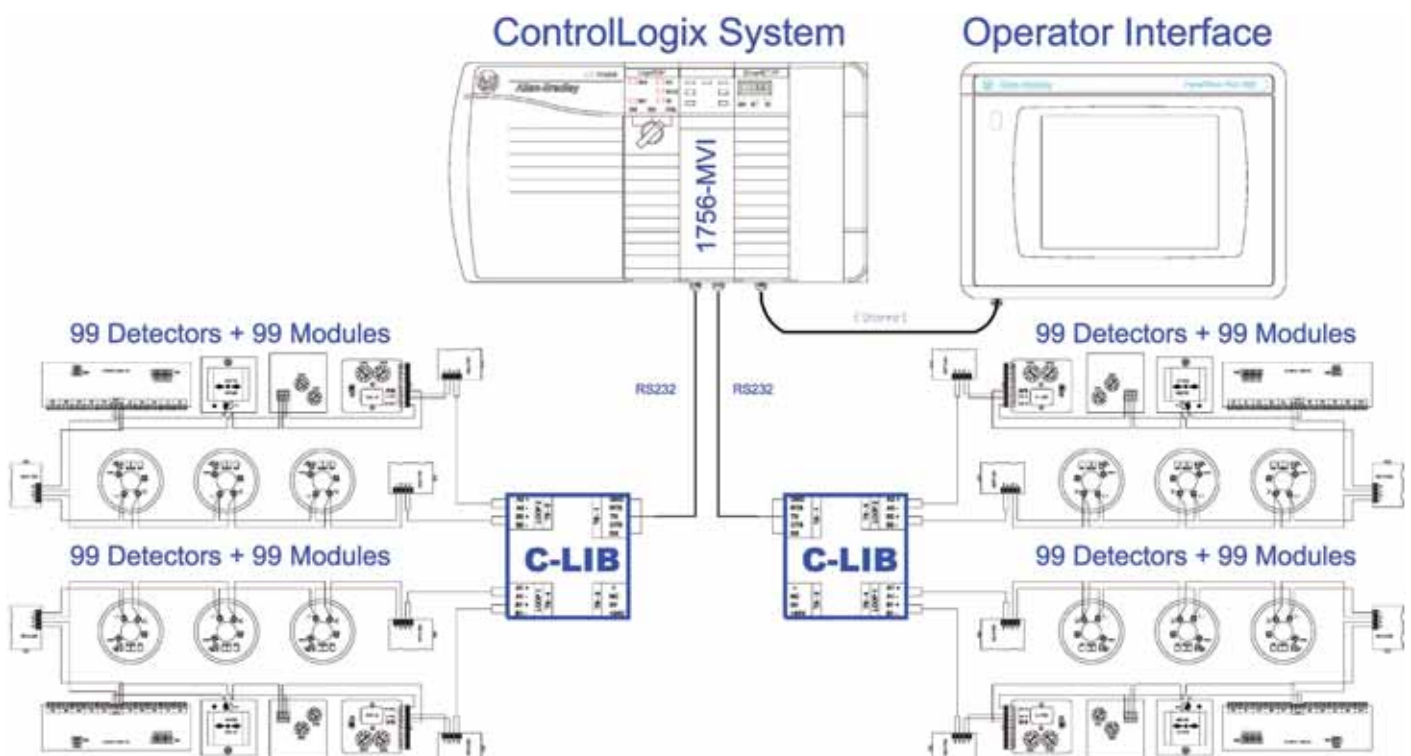
## Main Features:

- 2 Addressable isolated loops
- 99 detectors + 99 modules per loop
- 2 Cards per MVI controller
- 2000 mt loop length, furthers device 1300 mt (1.5 mmq twisted shielded cable, 40 Ohm maximum)
- Polling rate 30 millisecond per device
- 24Vdc powered
- TUV certified according to NFPA72 and EN54
- Compatibility with EN54 and NFPA72 Notifier detection and initiating devices.
- Fully programmable via standard Allen Bradley RSLogix 5000
- On line replacement features
- Large display touch screen type operator interface for alarming, diagnostic and maintenance purpose



## The advantages include:

- One system Language
- Management of CLIP Protocol for System Sensor addressable detectors and modules
- Open architecture
- Protection in Remote (control rack) location (via Fibre Optic cabling)
- Elimination of additional protocol converters
- Less Cabling
- Hot Replacement without reprogramming
- Continuous Operation – no down time
- Common Maintenance & Management
- Redundancy/Reliability



## Application Fields

Oil & Gas  
Petrochemical  
Chemical  
Pharmaceutical  
Energy



SAFCO Engineering keeps the right to apply any technical modification without advice.

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