

InfraLINK Classic Series IFSF Gateway

The Challenge

More and more fuel retailers are adopting IFSF standards for forecourt equipment and payments. For equipment manufacturers, conformance with IFSF standards has traditionally involved a large amount of custom development and cost, sometimes just to get a product onto an operator's tender list.

Calon can help you manage the technical challenges of integrating devices such as Price Poles into the IFSF network operating on a typical filling station forecourt with our InfraLINK range of IFSF forecourt interfaces.

InfraLINK Classic Price Pole IFSF Interface

InfraLINK Classic Price Pole IFSF Interface provides a complete implementation of the IFSF Price Pole standard (Part 3.02), including both the protocol layers and the functional application. Updates are available whenever the Price Pole standard changes, allowing your product to remain compliant to the latest version. A simple serial interface allows easy integration to existing price pole systems with minimal development.

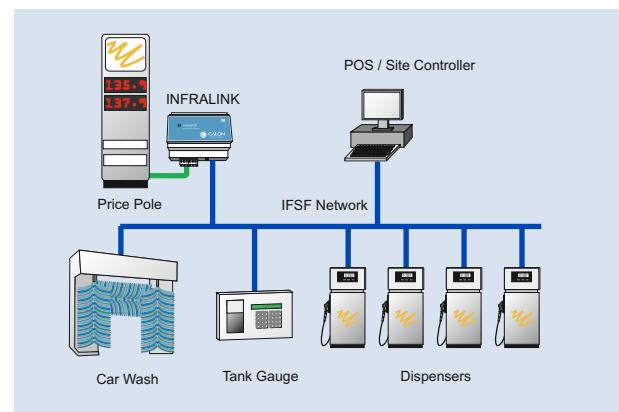
InfraLINK Classic Generic IFSF Interface

InfraLINK is more than just a simple protocol parser from IFSF to Serial communications. It also takes care of your devices' IFSF Communications database, Physical and Logical address mapping and message block cutting. A full implementation of the IFSF protocol standard (Part 2.01) is presented via the serial interface.

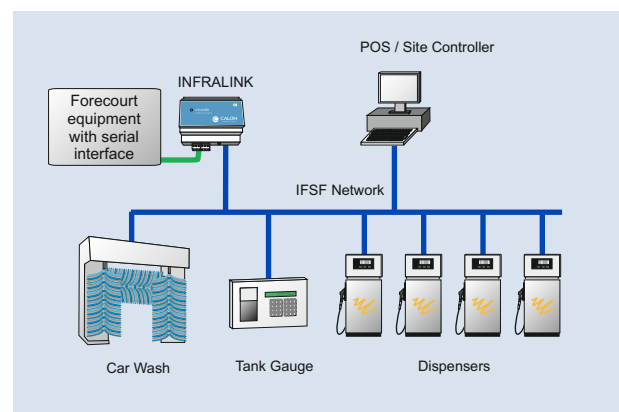
The unit is housed in an industry-standard M36 DIN rail enclosure and supports both RS232 and RS485 communication options.

Benefits

- Quickly deliver products that can be certified compliant to IFSF standards;
- Reduce time-to-market for new products;
- Lower the cost of delivering your products into the fuel retailing sector;
- Be confident that InfraLINK will be updated as IFSF standards change and evolve - leaving you free to concentrate on your core business;
- Full technical support available.



Example showing InfraLINK Classic Price Pole Interface



Example showing InfraLINK Classic Generic Serial Interface

Proven

InfraLINK is proven in use with many different operators on thousands of filling stations worldwide. It has been successfully integrated with POS systems and forecourt controllers from many vendors, including:

- DOMS
- Retailix
- Tokheim
- Scheidt+Bachmann
- Wincor Nixdorf
- Gilbarco
- Fujitsu

Technical Specifications

Dimensions: PCB: 97mm x 82mm x 23mm

Housing (Optional): Moulded plastic enclosure. Self-extinguishing material (UL94-VO)

Network: LonWorks™ FT/10, IFSF compliant

Power Supply: 9 - 24V AC / DC

Connections				
CR1	1 = NET A	2 = NET B		
CR2	1 = 9-24V ac/dc	2 = 0V		
CR5	1 = RS485	2 = RS485	3 = 0V	4 = RX
	5 = TX	6 = 0V	7 = RTS	8 = CTS

InfraLINK Classic Price Pole IFSF Interface

Packaged Interface (DIN M36) order code 702111KP
OEM Board order code 702110DP

InfraLINK Classic Generic IFSF Interface

Packaged Interface (DIN M36) order code 702101AP
OEM Board order code 702100TP

InfraLINK IFSF Starter Kit Classic order code 702900D

Includes:

- One InfraLINK Classic interface (702211KP or 702101AP);
- Universal power supply,
- LonWorks USB adaptor
- All application programs, utilities and documentation,
- One year of technical support and updates.

InfraLINK IFSF Starter Kit Pro order code 702910J Includes:

- All the above Starter Kit Classic equipment
- InfraLINK Micro 30 (712030HP)

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InfraLINK is available as a packaged interface in M36 DIN-rail format, or as a PCB sub-assembly for integration to OEM equipment.

