FSC3000™ Fuel Site Controller

The FSC3000™ Fuel Site Controller sets the standard in fuel-management systems. The FSC3000™ is the most comprehensive solution for your fleet-fueling or petroleum-marketing applications, featuring the capability to conveniently track and report fueling transactions by driver and/or vehicle.

The FSC3000™ Fuel Site Controller interfaces with many authorization and commercial fueling networks, as well as proprietary network cards. It allows the user to set fueling restrictions that limit specific vehicles to the type of fuel used and quantities purchased, thereby assuring complete fueling-system security, accountability and control. The FSC3000™ also provides various methods for controlling fuel dispensers, which may feature both mechanical and electronic pumps, along with Gilbarco CRIND and Wayne CAT in-dispenser card readers. In addition, the FSC3000™ now offers several exciting new features for special pricing and dollar authorization. Fleet owners can now set price discounts for loyal customers, as well as authorize transactions according to dollar limit instead of quantity, providing better support for network card processing and daily or monthly allocations.

FSC3000™ Fuel Site Controller Components

NEW FEATURES!

FSC3000™

Features

Secure
PCI compliance ensures cardholder data security by restricting user access to sensitive data

Communication
PCI compliance ensures cardholder data security by restricting user access to sensitive data

Easy To Connect
Uses an Internet connection instead of a dial-up phone line to authorize

Easy Integration
Uses an Internet connection instead of a dial-up phone line to authorize fleet and credit card transactions

Savings
Gives fleet owners and retailers the capability to deploy the FSC3000™ over a high-speed IP connection

Benefits

◆ PCI compliance ensures cardholder data security

◆ Accepts the widest selection of fueling networks and major bank cards

◆ Memory to support larger card files (more than 64,000 cards with optional memory card expansion)

◆ Embedded hardware platform for ultimate 24/7 reliability

◆ Uses Flash technology to remotely download software updates

◆ Integrated FSC3000™ can be installed inside a Fuel Island Terminal for installations where no building is available

◆ Interfaces with OPW Tank Gauges for polling inventory and delivery data

◆ Built-in Ethernet port for network connectivity

◆ Multiple communication methods to access the system

◆ Standard USB memory key for transaction backup/transfer, allowing for the option to update card files

Listings and Certifications

Electronic Testing Labs (ETL), per Underwriter Laboratories UL 1238
Electronic Testing Labs Canada (ETLC), per CSA C22.2 No. 22
National Weights and Measures Certification

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Features

- ◆ **NEW!** Each FSC3000™ can now control up to 12 FITs or Dispenser Terminal Controls (DTC) with a maximum of 32 hoses per site

- ◆ Optional Direct Pump Control communication via current loop or serial interface for Gilbarco, Wayne or **NEW!** Gasboy dispensers

- ◆ PetroLink™ RFID access

- ◆ **NEW!** ChipKey® R/W Mileage Reasonability

- ◆ **NEW!** Optional Dispenser Terminal Control allows communication to Gilbarco CRINDs and Wayne CAT in-dispenser card readers

- ◆ **NEW!** Optional Tiered Discounts (supports Gasboy-formatted cards)

- ◆ **NEW!** Optional Tiered Accounts for credit cards and/or proprietary cards/ keys to set tier pricing on a user-entered "Account" number

- ◆ Optional **NEW!** Wireless 3G modem, Bluetooth®, 802.11 WiFi communication devices allow communication to remote locations in order to facilitate updates and retrieval of transaction data

- ◆ Optional 900 MHz wireless communication reduces installation cost from installing Petro-Net™ twisted-pair wires between the Fuel Island Terminal and building

- ◆ **NEW!** Optional Future Media price-sign support

- ◆ Optional Office Journal Printer for transaction logging and reporting Memory

- ◆ Standard memory 2,000 proprietary cards and 500 transactions

- ◆ Expandable to 64,000 proprietary cards and 2,000 transactions

- ◆ **NEW!** The second memory card expands card support from 64,000 to 150,000 cards, depending on the options and card restrictions selected

Networks

- ◆ The FSC3000™ interfaces with many authorization and commercial fueling networks to accept the following cards:

- ◆ CFN, Bank Cards, TCH, Fuelman®/ GASCARD, Comdata, Fleet One®, Wright Express®, T-Chek™, EFS and Pacific Pride

- ◆ Dual Network option reduces wait times by accessing two networks simultaneously

- ◆ The registered bankcard feature permits 24-hour fueling in areas where unattended fueling is generally restricted

- ➥ **NEW!** Optional IP Authorization Gateway, gives the FSC3000™ the capability to use a high-speed Internet connection instead of a dial-up phone line to authorize fleet and credit-card transactions with dial-up backup

Direct Pump Control

- ◆ Support for Gasboy, Wayne and Gilbarco dispensers

- ◆ Connects directly to pump manufacturer's distribution box

- ◆ Serial to current-loop communication (Gilbarco or Wayne)

- ◆ Serial to RS-485 communication (Gasboy)

Supported Terminals

- ◆ Compatible with OPW Fuel Island Terminals, (C/OPT™, K800™ Hybrid and FIT500™)

- ◆ Compatible with Gilbarco CRINDs or Wayne CATs

Phoenix™ Software

- ◆ Phoenix™ Plus – poll transactions, perform card updates, and run reports

- ◆ Phoenix™ Premier – all of the Phoenix™ Plus features, plus tank-gauge interface for reconciliation

- ◆ Phoenix™ SQL – a Web-based multi-user browser interface with controlled user access. Polls transactions and tank gauges simultaneously, dramatically reducing data collection times for multiple fuel sites.

FSC3000™ Fuel Site Controller Specifications

Dimensions: 2.25 inch H x 10 inch W x 8.25 inch D (5.7 cm x 25.4 cm x 21 cm)
Power Requirements: 85-240 VAC, 50/60 Hz; 25 watts maximum
Operating Temperature Range (indoors): 32º F to 122º F (0º C to 50º C)
Serial Communication Ports: Petro-Net™ (RS-485), Printer (RS-232), Terminal (RS-232), Modem (RS-232), Pass-through (RS-232), 2 Auxiliary Ports (RS-232), Ethernet, USB
Maximum Petro-Net™ Distance: 5,000 feet (1,524 m)

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