CYBERMOBILE

HANDLING YOUR FUEL BUSINESS WITH MOBILE PHONE

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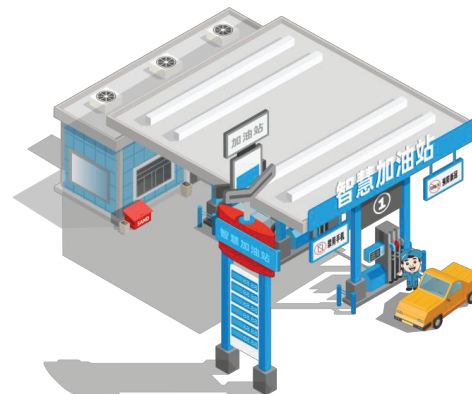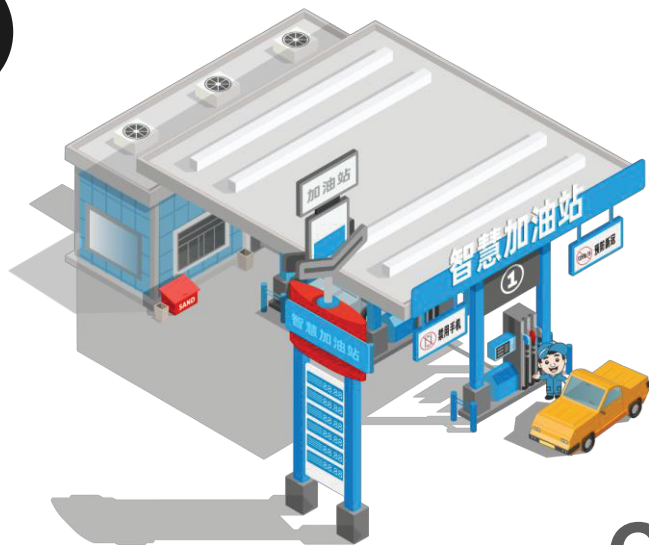
Content

01 Solution Introduction

Solution Architecture

Cloud Server

Router

CyberView (APP)   CyberBOS(WEB)

Staff card to authorize, Member card for discount

Dispenser with CyberDPOS Module
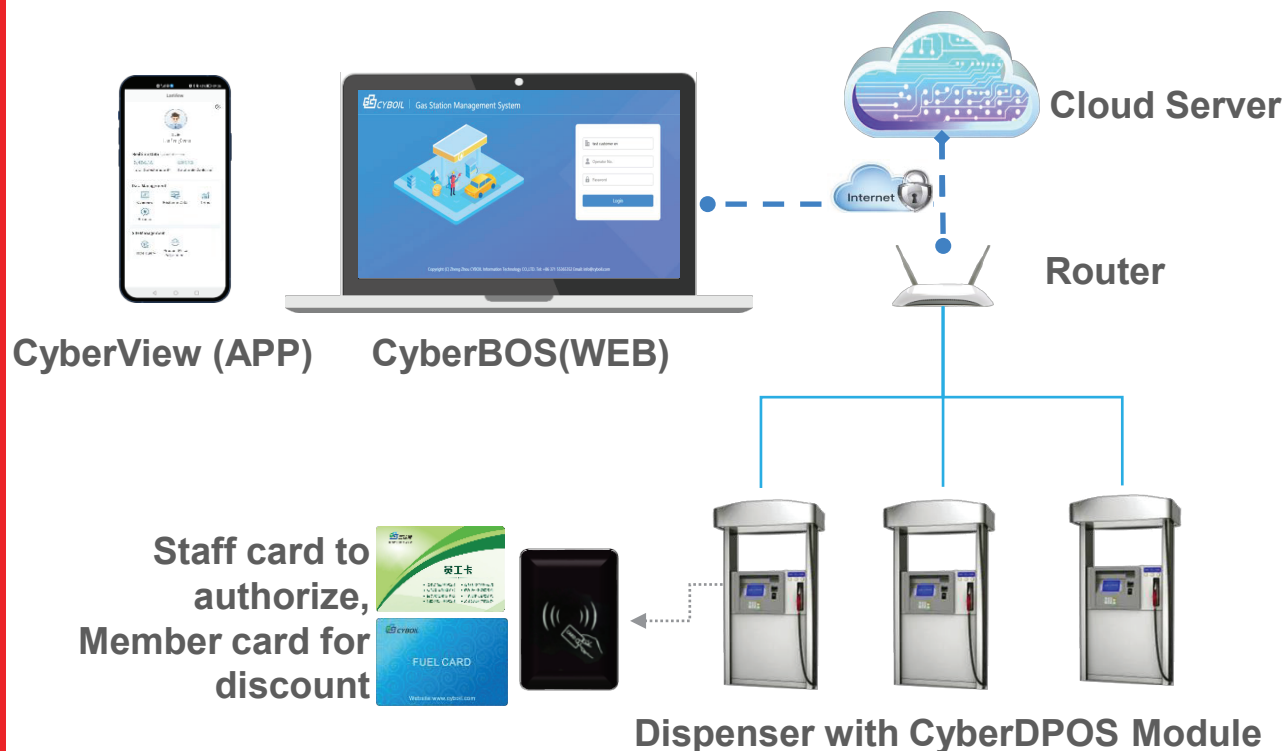
Core functions
1. Pump Control
2. Pump attendant performance appraisal
3. Member price discount
4. Member refueling rewards points
5. Fuel purchase, sales and inventory management
6. Statistical analysis of business data

Highlights

Easy to implement: No matter used for new machine capacity expansion or existing machine transformation, there is no need to change the existing electrical structure of fuel dispenser, and the implementation cost is low;

Simple on-site operation: Cloud mode platform, fuel dispenser directly connects to cloud, no computer on site, and low learning threshold for employees;
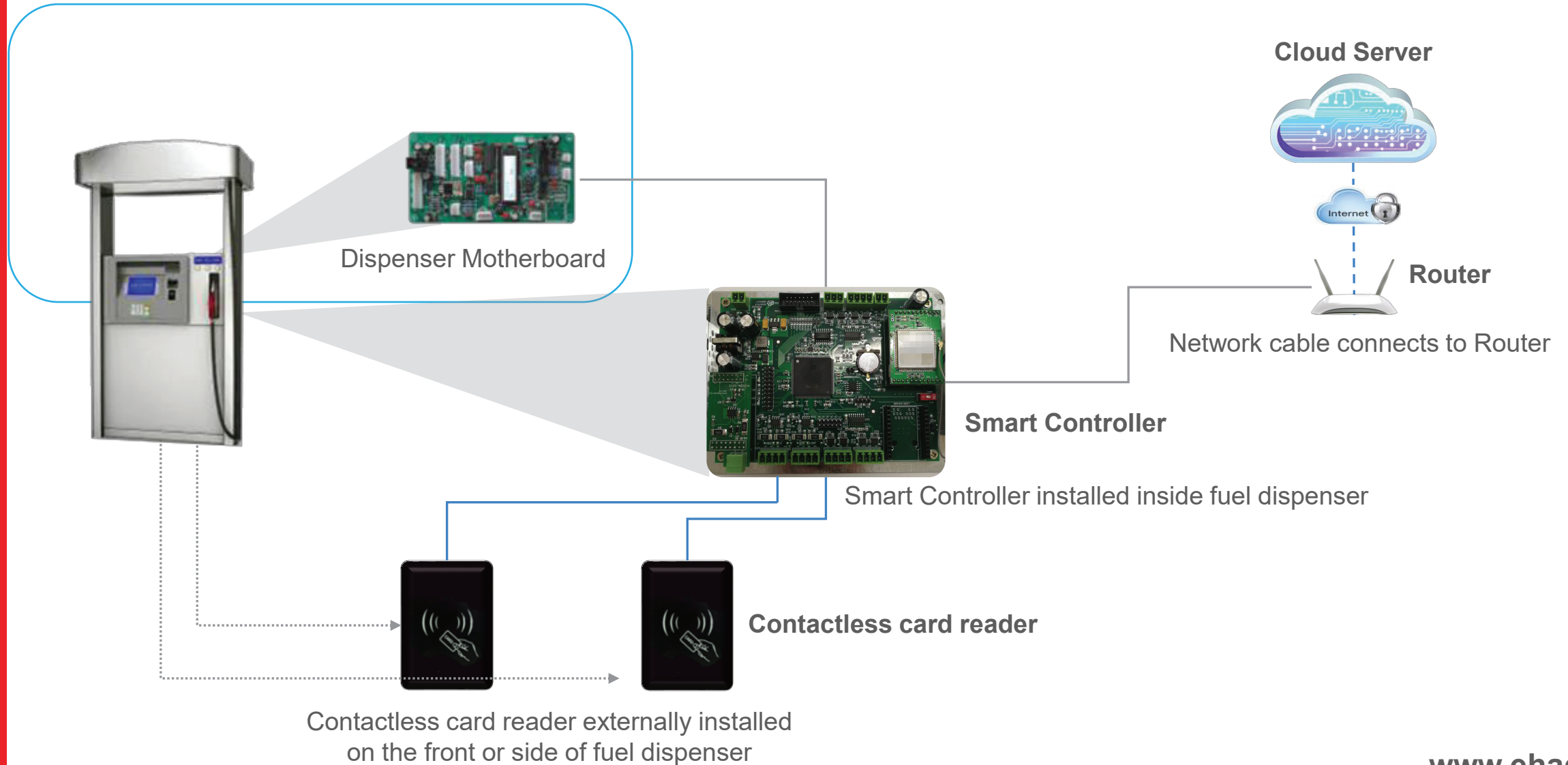
Professional back-office system: Professional & complete functions to meet mainstream business applications;

Mobile office: Support mobile app to process business remotely;

Multilingual support: Multilingual architecture is designed for localized work, standard version is in English.

Connection Diagram

Dispenser Motherboard

Cloud Server

Router

Network cable connects to Router

Smart Controller

Smart Controller installed inside fuel dispenser

Contactless card reader

Contactless card reader externally installed
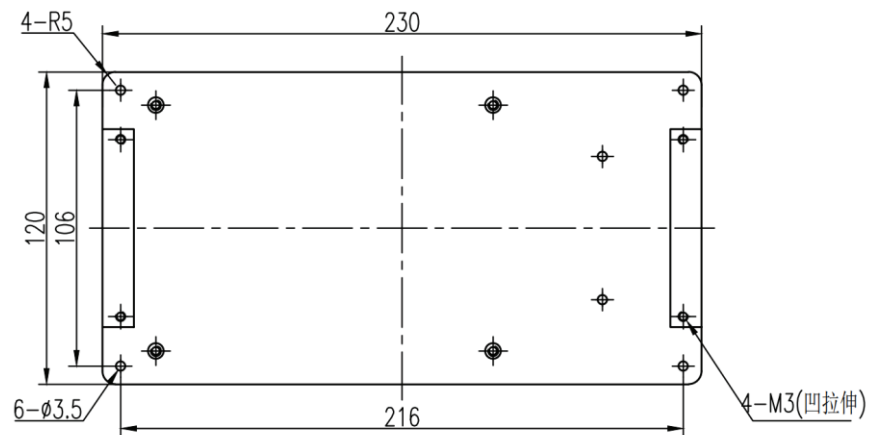on the front or side of fuel dispenser

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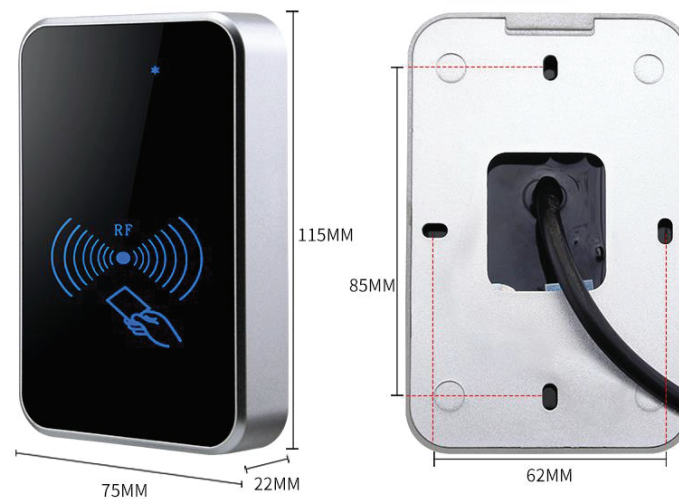# Installation Diagram

CyberDPOS

CyberDPOS installation dimension drawing

Contactless Card Reader
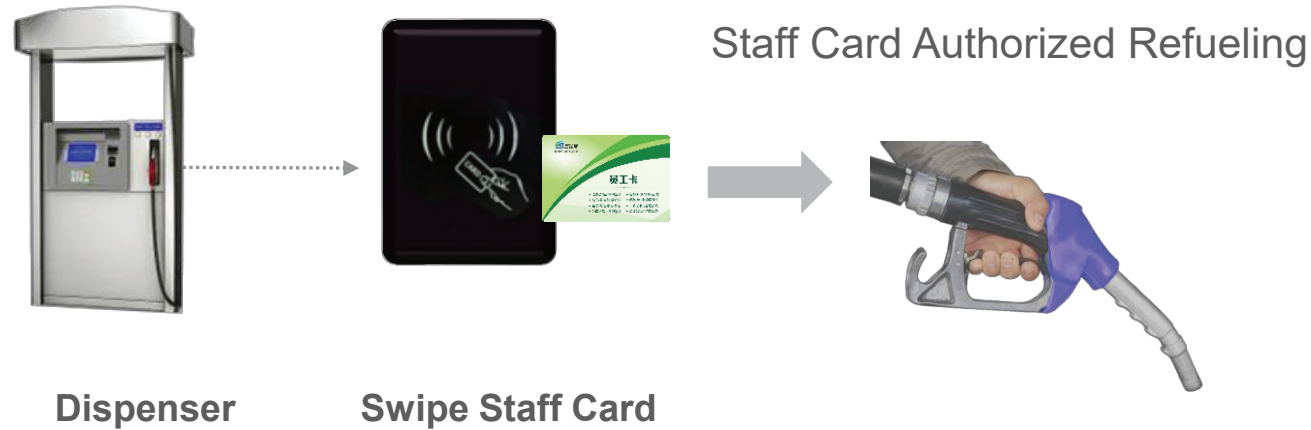

Card Reader installation dimension drawing

02 Product Introduction

On-site Operation

Staff Card Authorized Refueling

Dispenser → Swipe Staff Card → Staff Card Authorized Refueling

Dispenser   **Swipe Staff Card**

STEP 1

Fuel dispenser is under control mode by default, nozzle is forbidden to refuel to prevent fuel theft.

STEP 2

Pump attendant swipes staff card to safely activate fuel dispenser.

STEP 3

Pump attendant is authorized for once delivery, after the refueling is finished and nozzle is returned, fuel dispenser will be back to control mode.

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Member Card Refueling

STEP 2	P 0.00 L 0.00 100.00

Original Price

STEP 3	P 0.00 L 0.00 95.00

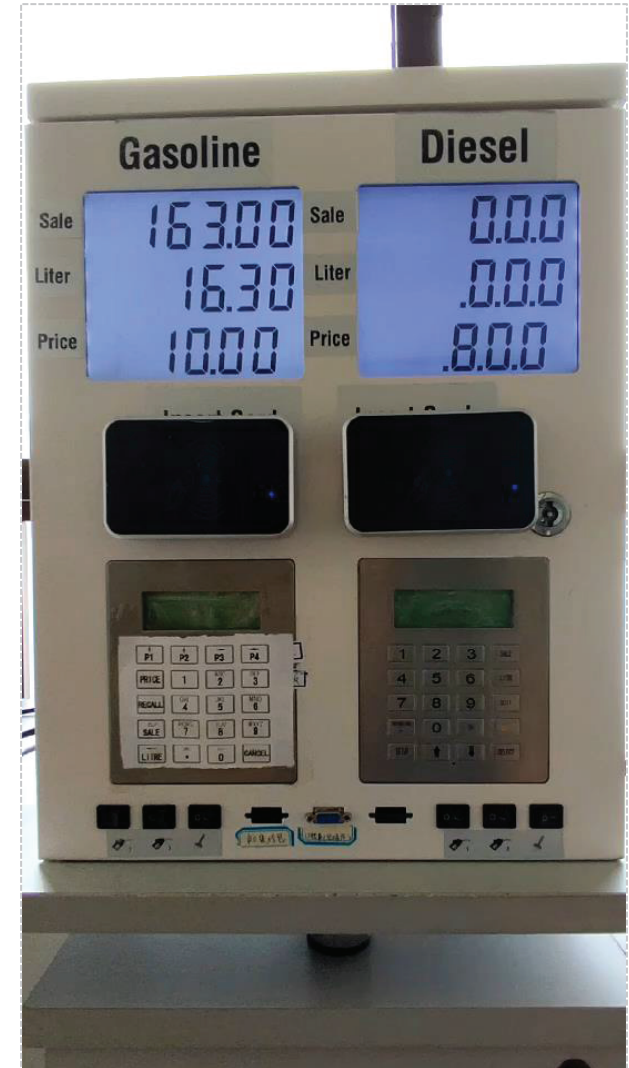5% off

Discounted Price

Dispenser

STEP 1
Fuel dispenser is under control mode by default, nozzle is forbidden to refuel to prevent fuel theft.

STEP 2
Pump attendant swipes staff card to safely activate fuel dispenser.

STEP 3
Customer swipes member card to enjoy price discount or refueling rewards points.
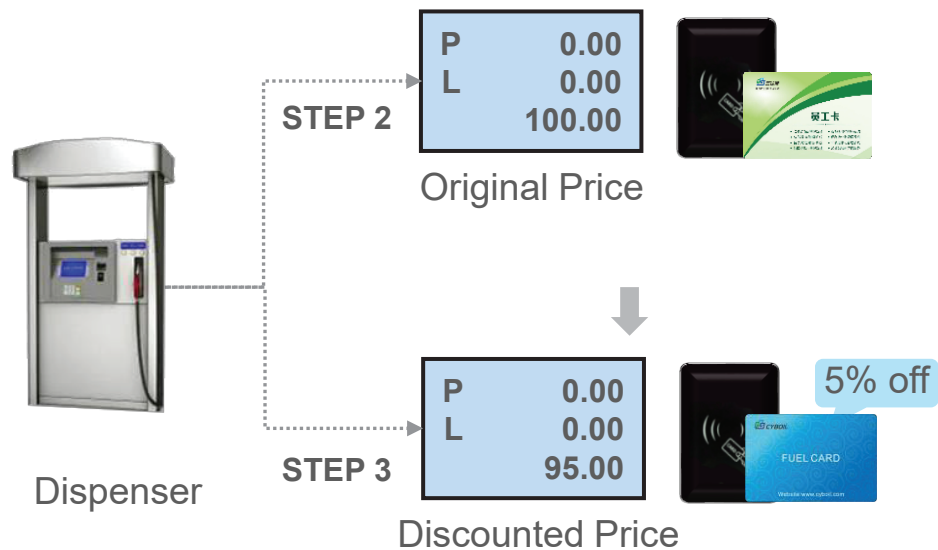
STEP 4
Pump attendant is authorized for once delivery, after the refueling is finished and nozzle is returned, fuel dispenser will be back to control mode.
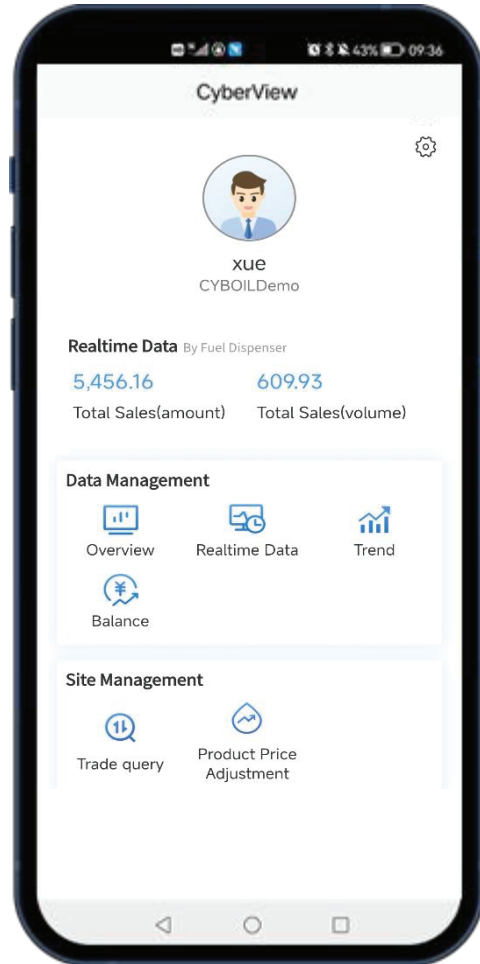
Mobile Management

Function Overview

CyberView (APP) is an Android-based smart phone application to help gas station manager master site business situation anytime and anywhere.

Real-time sales & inventory data inquiry

Remote price adjustment

Graphical report of business analysis

Real-time Data

Real-time Sales (Amt)

Real-time Sales (Vol)
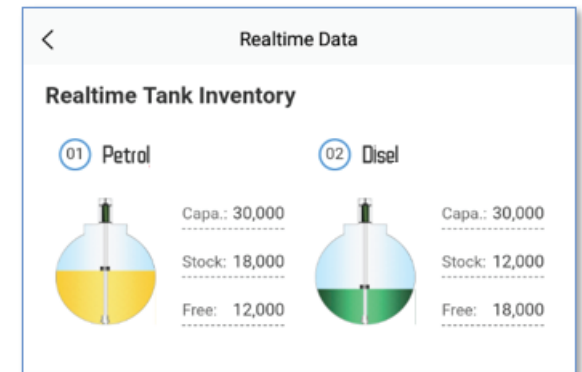
Real-time Inventory

Business Operation

Daily Sales (Amt.)

Price Adjustment

Business Analysis
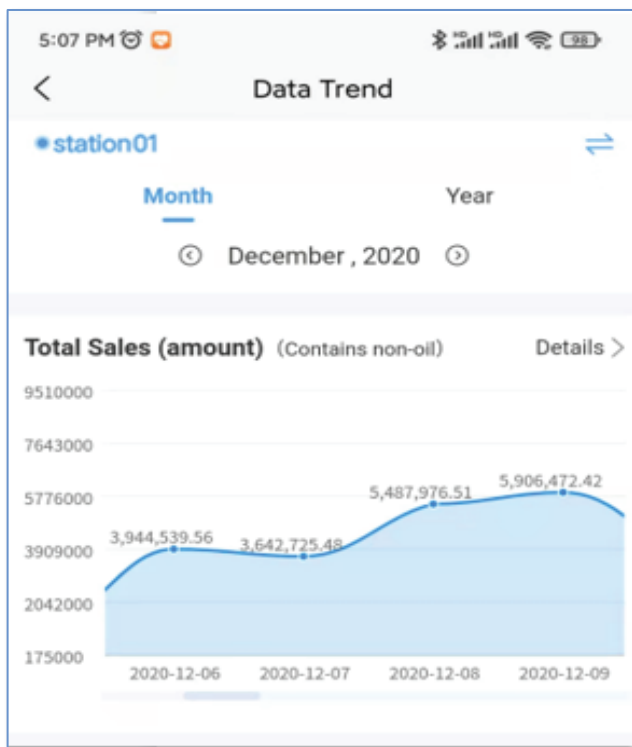
Sales Trend Graph - amount
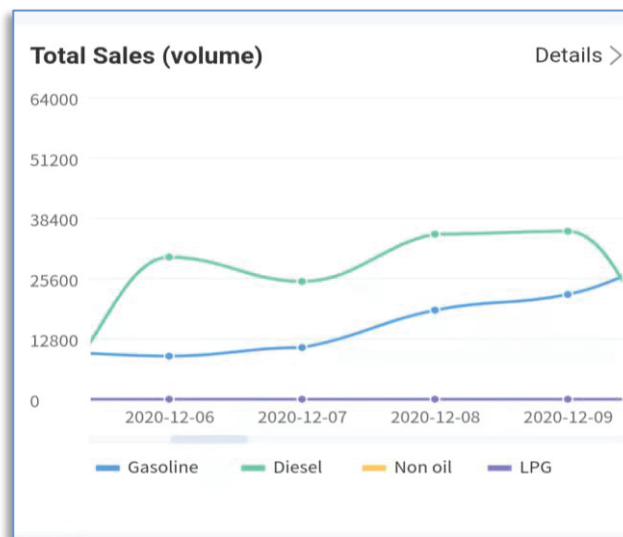
Sales Trend Graph - volume
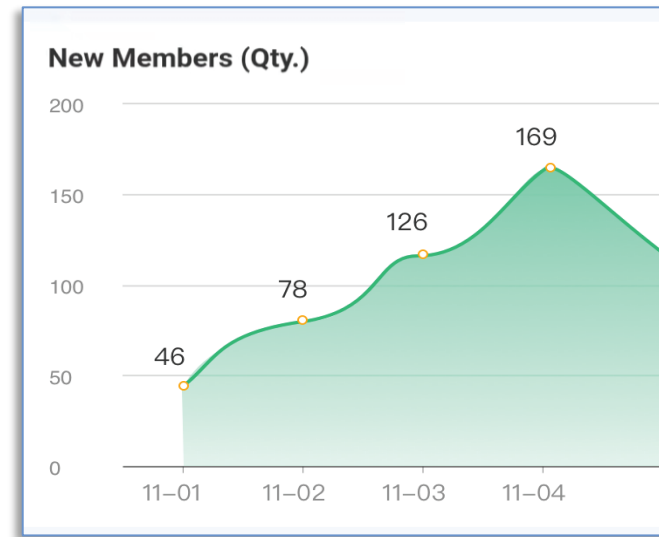
New Member Incensement Trend Graph

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Back-Office Management

Function Overview

CyberBOS is an online fuel management system, which supports gas station manager to remote handle the business including fuel operation, member marketing, data inquiry and devices management.
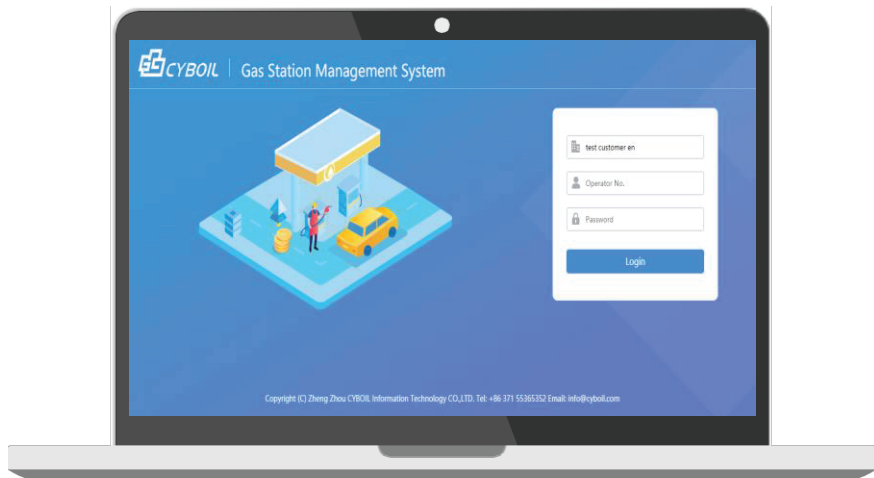
Fuel Delivery	Sales Management	Inventory Management	Member Marketing
Fuel Price Adjustment	Report Statistics	Staff Workload	Head Office Management

Delivery Management

Bill data entry

Product delivery record inquiry

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Sales Records

| Fueling Time ▾ | 2022-07-19 00:00:00 📅 | to | 2022-07-20 23:59:59 📅 | Site | All ▾ | Product | All ▾ | Nozzle No. | |
| Card Type | All ▾ | Code/No. | | | | | | Query | Export |

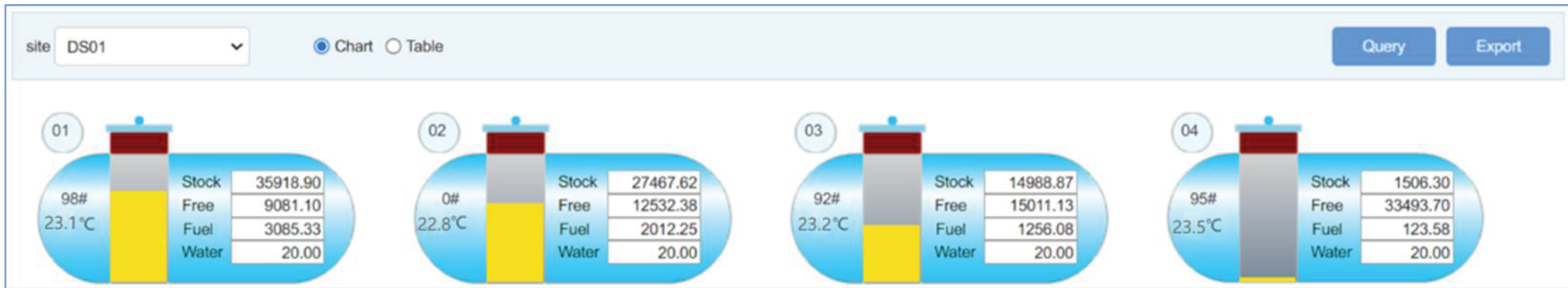|	Flow No.	Site	Business Date	Card Code	Nozzle No.	Product	Fueling Time	Qty	Price	Amount	Settlement Price	Settlement Amount	Discount Money	Card Type	Pump Qty
1	2283	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:45:18	32.36	8.00	258.88	8.00	258.88	0.00	Staff Card	11170.95
2	2282	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:44:35	42.99	8.00	343.92	8.00	343.92	0.00	Staff Card	11138.59
3	2281	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:44:23	15.74	10.00	157.40	10.00	157.40	0.00	Staff Card	51105.86
4	2280	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:41:23	30.19	8.00	241.52	8.00	241.52	0.00	Staff Card	11095.60
5	2279	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:41:19	10.52	10.00	105.20	10.00	105.20	0.00	Staff Card	51090.12
6	2278	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:40:54	28.88	10.00	288.80	9.00	259.92	28.88	Customer Card	51079.60
7	2277	DS01	2022-07-20	3249616259	02	95#	2022-07-20 15:40:50	24.95	8.00	199.60	7.20	179.64	19.96	Customer Card	11065.41
8	2276	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:36:14	28.89	8.00	231.12	8.00	231.12	0.00	Staff Card	11040.46
9	2275	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:36:11	39.82	10.00	398.20	10.00	398.20	0.00	Staff Card	51050.72
10	2274	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:22:03	8.89	10.00	88.90	9.00	80.01	8.89	Customer Card	51010.90
11	2273	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:21:19	22.54	10.00	225.40	9.00	202.86	22.54	Customer Card	51002.01
12	2272	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:19:30	5.54	10.00	55.40	9.00	49.86	5.54	Customer Card	50979.47
13	2271	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:19:06	4.05	10.00	40.50	9.00	36.45	4.05	Customer Card	50973.93
14	2270	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:15:42	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50969.88
15	2269	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:04:05	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50964.32
16	2268	DS01	2022-07-20	3249616259	01	98#	2022-07-20 15:03:18	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50958.76
17	2267	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:01:57	19.51	10.00	195.10	10.00	195.10	0.00	Staff Card	50953.20
18	2266	DS01	2022-07-20	2659349182	01	98#	2022-07-20 14:57:11	16.30	10.00	163.00	10.00	163.00	0.00	Staff Card	50933.69
	Total							**14160.17**		**144238.97**		**144132.31**	**106.66**		

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Inventory Supervising

	Site	Tank No.	Product	Capacity	Storage	Free	Storage Rate(%)	Vacancy Rate(%)	Fuel Temperature	Fuel Level	Water Level	Status	Update Time
1		01	98#	45000.00	35918.90	9081.10	79.82	20.18	23.1	3085.33	20.00	Normal	2021-12-28 13:58:20
2	DS01	02	0#	40000.00	27467.62	12532.38	68.67	31.33	22.8	2012.25	20.00	Normal	2021-12-28 13:59:48
3		03	92#	30000.00	14988.87	15011.13	49.96	50.04	23.2	1256.08	20.00	Normal	2022-01-13 16:45:23
4		04	95#	35000.00	1506.30	33493.70	4.30	95.70	23.5	123.58	20.00	Normal	2022-01-13 16:45:56

Member Information

Card No. [   ]   Card Holder [   ]   Vehicle No. [   ]   ID Type [All ▾]

ID No. [   ]   Status [All ▾]   Tel. [   ]   Customer Level [All ▾]

[Query] [Detail] [Modify] [Suspend Card] [Resume Card]

	Card No.	Card Holder	Customer Level	Card Status	E-mail	Tel.	ID Type	ID No.	Vehicle No.	Limit O
1	648244386	Jame Wu	VIP 01	Normal		008615512876543	ID Card	1234567890	WT281U	
2	643592338	Honey Luis	VIP 04	Normal		008613381992871	ID Card	1234567876	21R2ET	
3	644996082	Henry George	VIP 02	Normal	Henrygeorge196912@gmail.com	008618976552871	ID Card	110987196912290987	9Q5U87	
4	643843442			For Sale			ID Card			
5	2850179537			For Sale			ID Card			
6	3244453779	Alsiddig		Normal		018838083465	ID Card	85246	BJ78945	
7	3224761779	Mohamed	VIP 04	Normal		015936254499	ID Card	96385	BJ12365	
8	3223873955	Pan	VIP 08	Normal		18610841027	ID Card	56789	BJ12345	
9	3244454115	Ibrihim		Normal		18838083465	ID Card	78965	J85236	
10	3234782611	Ahmed	VIP 04	Normal		15936254499	ID Card	654321	J65432	
11	3259100323	GAO	VIP 02	Normal		15533778526	ID Card	123456	J12345	
12	3249616259	Ray	VIP 04	Normal		15936254499	ID Card	987654	B58963	
13	647595346			For Sale			ID Card			
14	3249618083			For Sale			ID Card			
15	800000001	test0001card	VIP 02	Normal		086155800000001	ID Card	086155800000001	QS8000	
16	800000002	test0002card	VIP 02	Normal		086155800000002	ID Card	086155800000002	QS8000	
17	800000003	test0003card	VIP 02	Normal		086155800000003	ID Card	086155800000003	QS8000	

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Preferential Strategy

Preferential Level	Discount	Product Limit	
1	20% off	92#,95#,98#,0#	Modify
2	5% off	92#,95#,98#,0#	Modify
3	9% off	92#,95#,98#,0#	Modify
4	10% off	92#,95#,98#,0#	Modify
5	13% off	92#,95#,98#,0#	Modify
6	15% off	92#,95#,98#,0#	Modify
7	17% off	92#,95#,98#,0#	Modify
8			Modify
9			Modify

Modify ✖

Preferential Level [3]

Discount [9] % off

Product Limit ☑ 92#   ☑ 95#   ☐ 98#   ☑ 0#

[Esc]   [OK]

Price Adjustment

Product [92# ▾]   Previous Price [8.00]   New Price [10.00]   Effective Time [2022-02-25 16:15:01]   [confirm]

Nozzle Info

Selected	Product	Nozzle	Previous Price	Nozzle Price	Nozzle New Price	Implementiaon
☐	92#	01	8.00	53.35	53.35	OK

Modified Info

Product	Nozzle	Previous Price	Nozzle Price	Nozzle New Price

Report

Site Name: **DS01**   Sale Data: 2022-07-20   [Query] [Export]

Site Name:DS01   **Sale Data:2022-07-20**

Product	Total Sales						
	Quantity	Receivable Amount	Received Amount	Discounted Amount	Staff Card	Member Card	Non-Card
92#	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95#	268.24	2145.92	2125.96	19.96	1946.32	159.68	0.00
98#	341.69	3416.90	3330.20	86.70	2508.80	692.40	42.30
0#	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	609.93	5562.82	5456.16	106.66	4455.12	852.08	42.30

Product	Tank No.	Opening Stock	Delivery	Sales	Closing Calcul. Stock	Closing Actual Stock	Loss & Gain
0#	02	28937.81	0.00	0.00	28937.81	28937.81	0.00
Subtotal		28937.81	0.00	0.00	28937.81	28937.81	0.00
92#	03	2747.73	0.00	0.00	2747.73	2747.73	0.00
Subtotal		2747.73	0.00	0.00	2747.73	2747.73	0.00
95#	04	20210.34	0.00	268.24	19942.10	19942.10	0.00
Subtotal		20210.34	0.00	268.24	19942.10	19942.10	0.00
98#	01	62756.70	0.00	341.69	62415.01	62415.01	0.00
Subtotal		62756.70	0.00	341.69	62415.01	62415.01	0.00

Staff Workload

Fueling Time | 2022-07-19 00:00:00 | to | 2022-07-20 23:59:59 | Site: All | Product: All | Nozzle No.

Card Type: Staff Card | Code/No.: 2659349182 | **Query** | **Export**

	Flow No.	Site	Business Date	Card Code	Nozzle No.	Product	Fueling Time	Qty	Price	Amount	Settlement Price	Settlement Amount	Discount Money	Card Type	Pump Qty
1	2283	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:45:18	32.36	8.00	258.88	8.00	258.88	0.00	Staff Card	11170.95
2	2282	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:44:35	42.99	8.00	343.92	8.00	343.92	0.00	Staff Card	11138.59
3	2281	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:44:23	15.74	10.00	157.40	10.00	157.40	0.00	Staff Card	51105.86
4	2280	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:41:23	30.19	8.00	241.52	8.00	241.52	0.00	Staff Card	11095.60
5	2279	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:41:19	10.52	10.00	105.20	10.00	105.20	0.00	Staff Card	51090.12
6	2278	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:40:54	28.88	10.00	288.80	9.00	259.92	28.88	Customer Card	51079.60
7	2277	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:40:50	24.95	8.00	199.60	7.20	179.64	19.96	Customer Card	11065.41
8	2276	DS01	2022-07-20	2659349182	02	95#	2022-07-20 15:36:14	28.89	8.00	231.12	8.00	231.12	0.00	Staff Card	11040.46
9	2275	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:36:11	39.82	10.00	398.20	10.00	398.20	0.00	Staff Card	51050.72
10	2274	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:22:03	8.89	10.00	88.90	9.00	80.01	8.89	Customer Card	51010.90
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12	2272	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:19:30	5.54	10.00	55.40	9.00	49.86	5.54	Customer Card	50979.47
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14	2270	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:15:42	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50969.88
15	2269	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:04:05	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50964.32
16	2268	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:03:18	5.56	10.00	55.60	9.00	50.00	5.60	Customer Card	50958.76
17	2267	DS01	2022-07-20	2659349182	01	98#	2022-07-20 15:01:57	19.51	10.00	195.10	10.00	195.10	0.00	Staff Card	50953.20
18	2266	DS01	2022-07-20	2659349182	01	98#	2022-07-20 14:57:11	16.30	10.00	163.00	10.00	163.00	0.00	Staff Card	50933.69
	Total							**14160.17**		**144238.97**		**144132.31**	**106.66**		

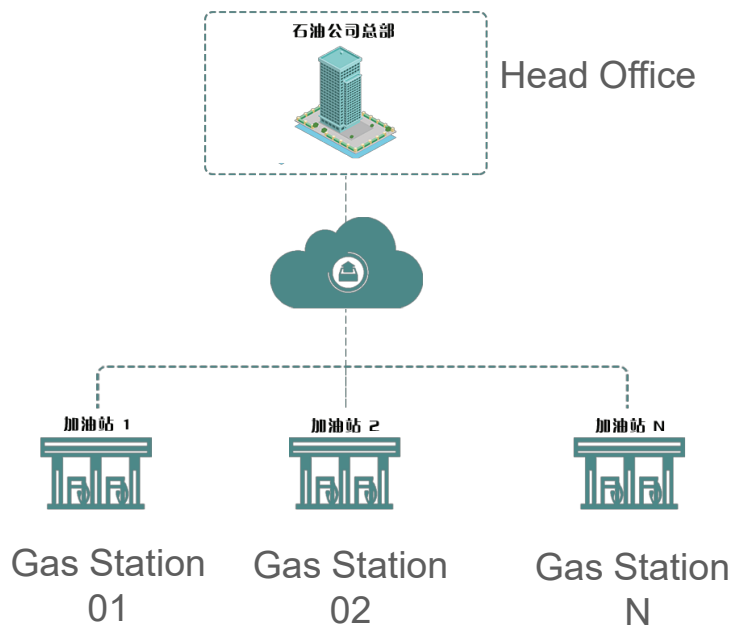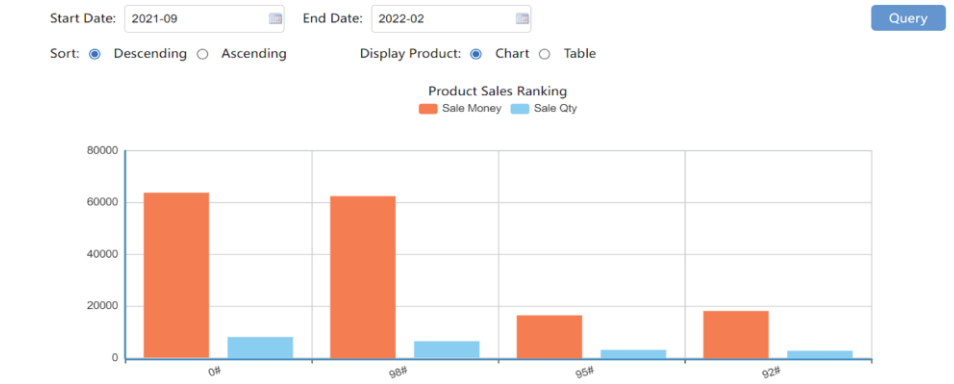Page 1 of 1 | 50 | View 1 - 42 of 42

Chain Management

Function Overview

CyberBOS platform provides central management functions for head office of petroleum company, to grasp business data from its chain gas stations in real-time. By using technology of big data and cloud calculation, CyberBOS assists decision makers to interpret operational data, formulate operational strategies, and optimize operation processes.
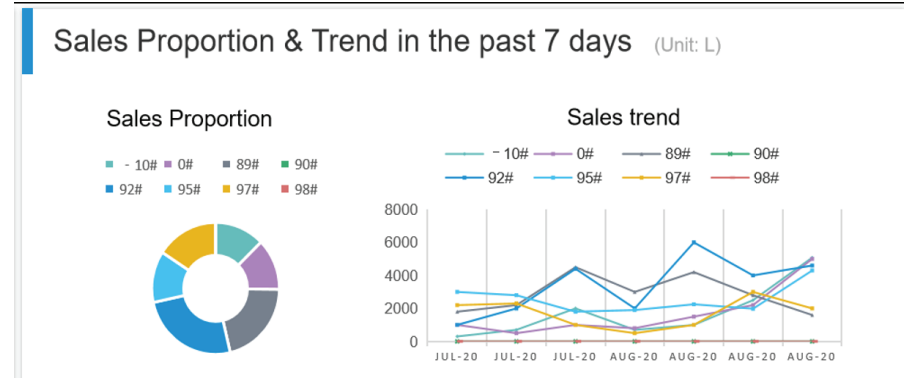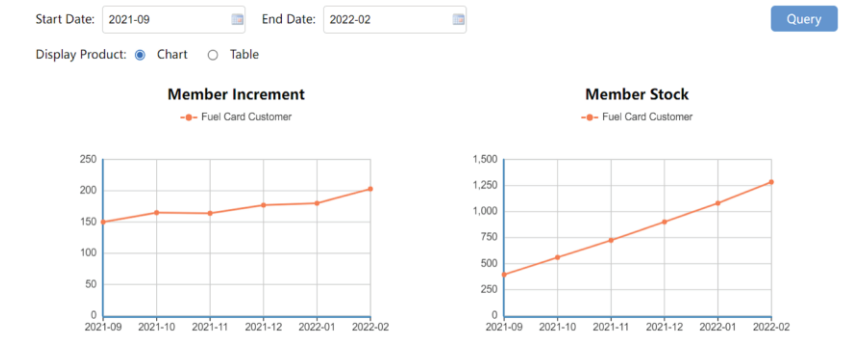
石油公司总部

Head Office
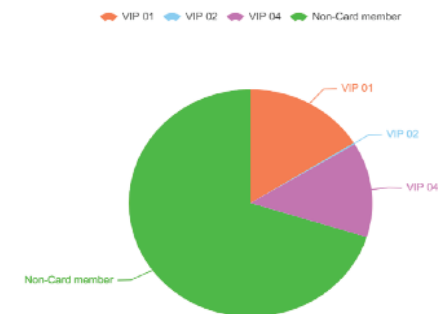
加油站 1 加油站 2 加油站 N

Gas Station 01   Gas Station 02   Gas Station N

- By Product Type By Nozzle

- Daily Report
- Period Report

Price Adjustment   Report Inquiry

- Sales Rank Sales Trends Sales Proportion

Business Analysis   Delivery

- Delivery Records Inquiry
- Period Delivery Statistics

Inventory   Sales

- Real-time Inventory

- Sales Data Statistics

Business Analysis

Product Sales Rank

Product Sales Trend

Member Development

Proportion of Customer Sales

EHAD
FUEL EQUIPMENT

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