

Complete solution for automation of a petrol station network on the basis of ERP-system “Infopolis”

Solution provides integration of NaftaPOS Front-office software system with an accounting system, which realizes possibilities of Back- and Head-Office software.

Front-office software system NaftaPOS:

- Control over fuel dispensers, ATG systems, price boards, price sign boards, outdoor payment terminals (OPT)
- Sales of accompanying products
- Data gathering from forecourt equipment of petrol station (automatic tank gauge systems, etc)
- Transfer of information to a central server of a company

Back-office:

- Control over activity of a petrol station
- Formation of reports on operation of a petrol station
- Provision of shop’s operations on a petrol station with reports formation

Head-office:

- Analysis of data on sales of fuel and accompanying products throughout a whole network of petrol stations
- Management over purchases
- Formation of price policies
- Book-keeping and management account
- Control over personnel operation (corporate organizer)
- Provision of reporting on operation of subdivisions of network of petrol stations through a WEB-site of a company

System is built on architecture client-server with an ultra-thin client

Core of the system is Microsoft SQL Server 2008 + Internet Information Server and is located on the central server of a company. It provides storage and processing of all user data and access to them through a WEB-site of a company.

On computers of users of Back- and Head-Office a module (client) is installed with total size 2 MB, single for all users. Interface shown to user depends on given permissions to current user (its login). Installation of interface module is simple and can be made from a corporate Internet site or site of developers.

Competitive advantages of “Infopolis” solution

- System «all in one»:** Warehouse, book-keeping, management over sales and purchases, manufacture, analysis, planning, CRM, WEB-site and Internet store, management over personnel and others what is required for operation of a company, works as a single client tool without a necessity to transfer data between the subsystems.
- Modular structure:** Client can optimize expenditures on implementation of the system by step-by-step buying its modules (totally there are over 100 modules with various functionality).
- High performance:** Client-server architecture and usage of Microsoft SQL Server 2005/2008 provides high performance of data processing (it is possible to use a free version of Microsoft SQL Server 2008 Express).
- Ultra-thin client:** Allows users to fully operate with a central database not only locally, but also remotely through Internet using a low-cost computer, minimal traffic and low-speed Internet connection.
- Internet-integration:** Architecture of the system allows easily to integrate with a central office through Internet branches, remote warehouses and manufacturing divisions.
- Data security:** Security system allows to reliably protect data from unauthorized access, limit system users rules. Data can be located outside office in a physically inaccessible to others place.
- Open source:** Client can not only configure the system but also develop it on his own (create reports, forms, etc) with saving of support from developers and compatibility with update packs.
- Reliability:** Core of the system is thoroughly debugged and tested by years of operation in large companies with complex business processes.
- Operativeness of implementation:** Carefully thought-out architecture of the system allows quick customization of the product for specific needs of the customer while maintaining compatibility with the basic version and update packs.
- Compatibility with MS Office:** All forms and documents of the system by a single press of a button are exported to MS Word, Excel, Internet Explorer or sent via e-mail.
- Complex of related services of developer:** Implementation and maintenance of the system, warranty and post-warranty service, location of data on own resources, ITconsulting, management consulting.

Screen-shots

The screenshot displays the Infopolis application window. On the left, a tree view shows 'Sessions' with a list of 34 entries, each with a date and 'Station N°1'. The main area shows an 'Inventory of warehouse' for 'N°1 SSP1 St. N°1' and 'Inventory of type' set to 'Fuel'. Below this is a table with columns: 'N° of sequence', 'Name', 'Stock', 'Production unit', 'Totalizer beg', 'Totalizer end', and 'Quantity'. The table lists various fuel types like GASOIL 50 and SSP1 with their respective totalizer values.

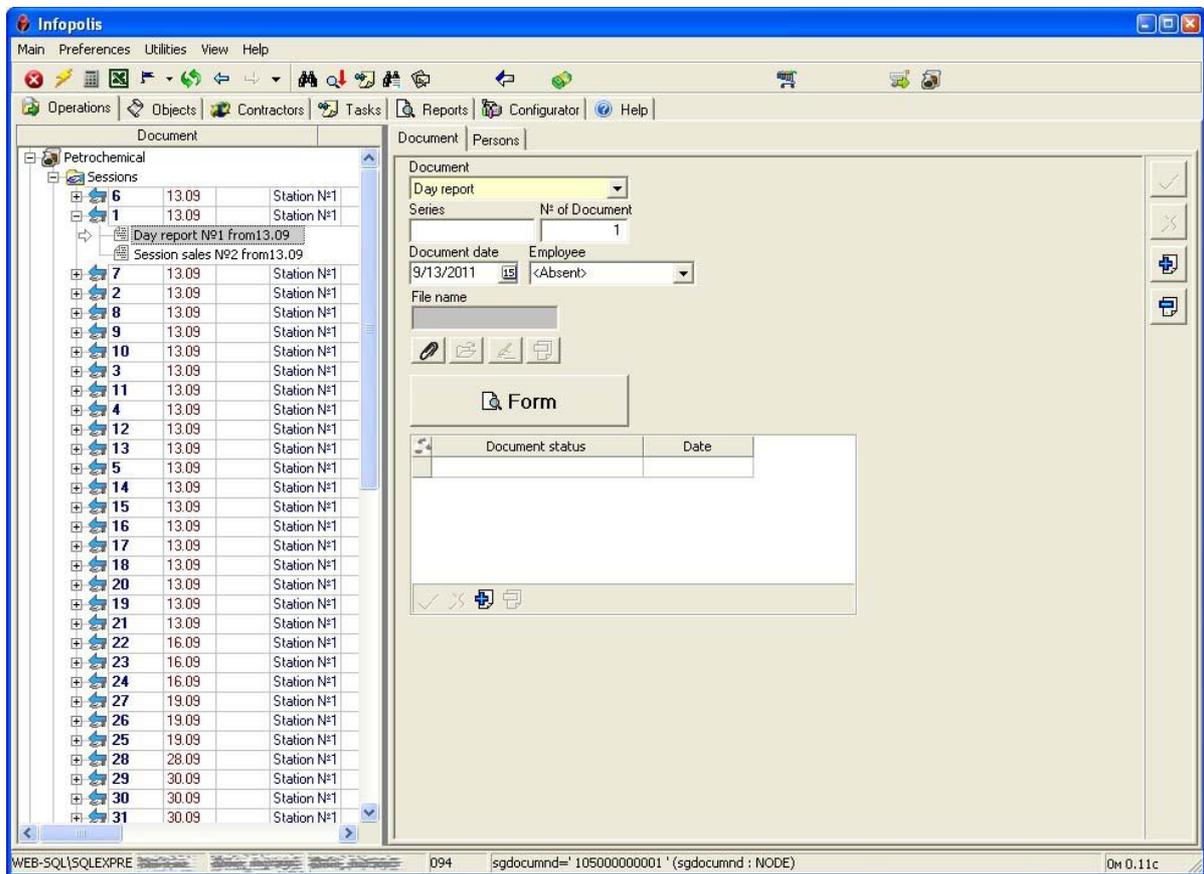
N° of sequence	Name	Stock	Production unit	Totalizer beg	Totalizer end	Quantity
1	TOTAL :					0
2	3 GASOIL 50	N°3 GASOIL 50 St. N°1				0
3	4 GASOIL 50	N°4 GASOIL 50 St. N°1				0
4	8 GASOIL 50	N°3 GASOIL 50 St. N°1	4.0 GASOIL 50	4516139.47	4516139.47	0
5	1 SSP1	N°1 SSP1 St. N°1				0
6	5 SSP1	N°1 SSP1 St. N°1	1.0 SSP1	2694359.82	2694359.82	0
7	6 SSP1	N°1 SSP1 St. N°1	2.0 SSP1	4466624.22	4466624.22	0
8	7 SSP1	N°1 SSP1 St. N°1	3.0 GASOIL 50	0	0	0
2	SSP2	N°2 SSP2 St. N°1				0

View reports on operation on every working session on every sales cashier of every petrol station.

The screenshot shows the 'Totalizers' report in Infopolis. The report is titled 'Report on FD totalizers on Station N°1 Session from 01/10/2011 till 30/10/2011'. It features a table with columns: 'Session', 'Dispencer Ho', 'Hozzle Ho', 'Tank Ho', 'Fuel code', 'Fuel name', 'FD totalizers (On begin, On end)', and 'Volume'. The data is organized by session number (35, 36, 37, 38, 33) and includes specific fuel codes and volumes for each session.

Session	Dispencer Ho	Hozzle Ho	Tank Ho	Fuel code	Fuel name	FD totalizers		Volume
						On begin	On end	
35 12/10/2011 12:26:08 13/10/2011 10:34:59 Service	N°1	1.0 SSP1	1	2	SSP1	2741528.71	2743401.82	1873.11
	N°2	2.0 SSP1	1	2	SSP1	4569851.68	4572116.33	2264.65
	N°3	3.0 GASOIL 50	3	3	GASOIL 50	6029997.48	6032860.41	2862.93
	N°4	4.0 GASOIL 50	3	3	GASOIL 50	4630150.47	4633424.62	3274.15
36 13/10/2011 10:35:05 14/10/2011 08:30:25 Service	N°1	1.0 SSP1	1	2	SSP1	2743401.82	2744861.84	1460.02
	N°2	2.0 SSP1	1	2	SSP1	4572116.33	4575676.08	3559.75
	N°3	3.0 GASOIL 50	3	3	GASOIL 50	6032860.41	6035119.81	2259.40
	N°4	4.0 GASOIL 50	3	3	GASOIL 50	4633424.62	4635878.59	2453.97
37 14/10/2011 08:32:57 15/10/2011 12:43:32 Service	N°1	1.0 SSP1	1	2	SSP1	2744861.84	2747699.89	2838.05
	N°2	2.0 SSP1	1	2	SSP1	4575676.08	4580234.10	4588.02
	N°3	3.0 GASOIL 50	3	3	GASOIL 50	6035119.81	6038237.83	3118.02
	N°4	4.0 GASOIL 50	3	3	GASOIL 50	4635878.59	4643265.24	7386.65
38 15/10/2011 12:43:36 19/10/2011 08:23:59 Service	N°1	1.0 SSP1	1	2	SSP1	2747699.89	2754061.49	6361.60
	N°2	2.0 SSP1	1	2	SSP1	4580234.10	4589850.73	9616.63
	N°3	3.0 GASOIL 50	3	3	GASOIL 50	6038237.83	6047047.83	8810.00
	N°4	4.0 GASOIL 50	3	3	GASOIL 50	4643265.24	4659235.96	15970.72
33	N°1	1.0 SSP1	1	2	SSP1	2731607.82	2731617.60	9.78

Rich reports on operation of a petrol station



Analytics on operation of a whole networks of petrol stations

Session sales № 51 from 18.11.11

Main Preferences Utilities View Help

Sales report

Fuel station: Station N°1 Session #: 51 from 18/11/2011 16:32:07 till 20/11/2011 23:28:02

Time of sale	Fuel code	Fuel name	Quantity	FD	Payment form	Price	Dis-count	Cost
18/11/2011 16:34:20	2	SSP1	1.96	2.0 SSP1	Cash	10.2194	0	20.03
18/11/2011 16:35:25	3	GASOIL 50	6.96	4.0 GASOIL 50	Cash	7.1897	0	50.04
18/11/2011 16:45:23	3	GASOIL 50	27.81	3.0 GASOIL 50	Cash	7.1899	0	199.95
18/11/2011 16:54:48	2	SSP1	3.86	2.0 SSP1	Cash	10.2202	0	39.45
18/11/2011 17:21:42	3	GASOIL 50	27.81	4.0 GASOIL 50	Cash	7.1899	0	199.95
18/11/2011 17:28:04	3	GASOIL 50	4.18	3.0 GASOIL 50	Cash	7.189	0	30.05
18/11/2011 17:29:18	2	SSP1	4.89	2.0 SSP1	Cash	10.2209	0	49.98
18/11/2011 17:32:58	2	SSP1	1.97	2.0 SSP1	Cash	10.2183	0	20.13
18/11/2011 17:34:26	3	GASOIL 50	13.91	3.0 GASOIL 50	Cash	7.1898	0	100.01
18/11/2011 17:39:39	2	SSP1	1.98	2.0 SSP1	Cash	10.2222	0	20.24
18/11/2011 17:49:23	2	SSP1	.99	2.0 SSP1	Cash	10.2222	0	10.12
18/11/2011 17:52:59	2	SSP1	2.45	2.0 SSP1	Cash	10.2204	0	25.04
18/11/2011 17:57:36	3	GASOIL 50	27.81	3.0 GASOIL 50	Cash	7.1899	0	199.95
18/11/2011 17:59:54	3	GASOIL 50	4.18	4.0 GASOIL 50	Cash	7.189	0	30.05
18/11/2011 18:11:51	3	GASOIL 50	20.86	4.0 GASOIL 50	Cash	7.1898	0	149.98
18/11/2011 18:21:45	3	GASOIL 50	23.65	4.0 GASOIL 50	Cash	7.1899	0	170.04
18/11/2011 18:24:07	2	SSP1	19.56	2.0 SSP1	Cash	10.2198	0	199.9
18/11/2011 18:52:28	3	GASOIL 50	6.96	4.0 GASOIL 50	Cash	7.1897	0	50.04
18/11/2011 18:57:27	2	SSP1	4.90	1.0 SSP1	Cash	10.2204	0	50.08
18/11/2011 19:01:13	3	GASOIL 50	6.95	4.0 GASOIL 50	Cash	7.1899	0	49.97
18/11/2011 19:20:08	2	SSP1	2.94	1.0 SSP1	Cash	10.2211	0	30.05
18/11/2011 19:21:31	2	SSP1	9.78	1.0 SSP1	Cash	10.2198	0	99.95
18/11/2011 19:27:21	2	SSP1	1.96	2.0 SSP1	Cash	10.2194	0	20.03

Monitoring of petrol stations activity