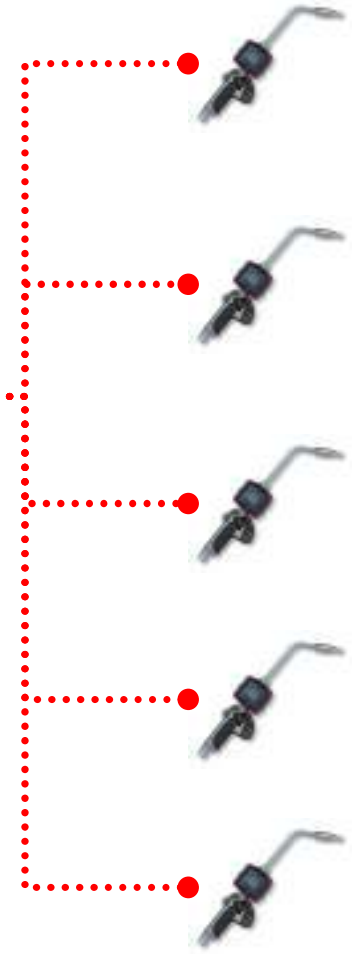
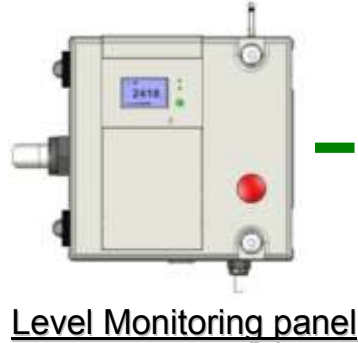


OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

Summary at a glance

ENTRY

SALES



Oil probes of %1 accuracy are installed to various shapes & dimensions of tanks. Levels are measured via wireless connection through the monitoring panel.

System controls whole the oil inventory calculating entries, sales & existing quantities

Oil dispensing nozzles sale totals

OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS



WEB interface

Level Equipments



Level Monitoring Panel

Oil level probes are installed to each tank on site carrying different product. Level measurement is transferred with wireless Radio Frequency so that there is no need to install data cables. Tank shapes will not differ because special software is prepared to calculate all geometric shapes. So that we measure both the level height & exact volume inside the tank.

Level panel is directly connected to GPRS which means system is able to monitor each site or each tank separately. Every hour tank levels are recorded to database & online actual status is available via internet.

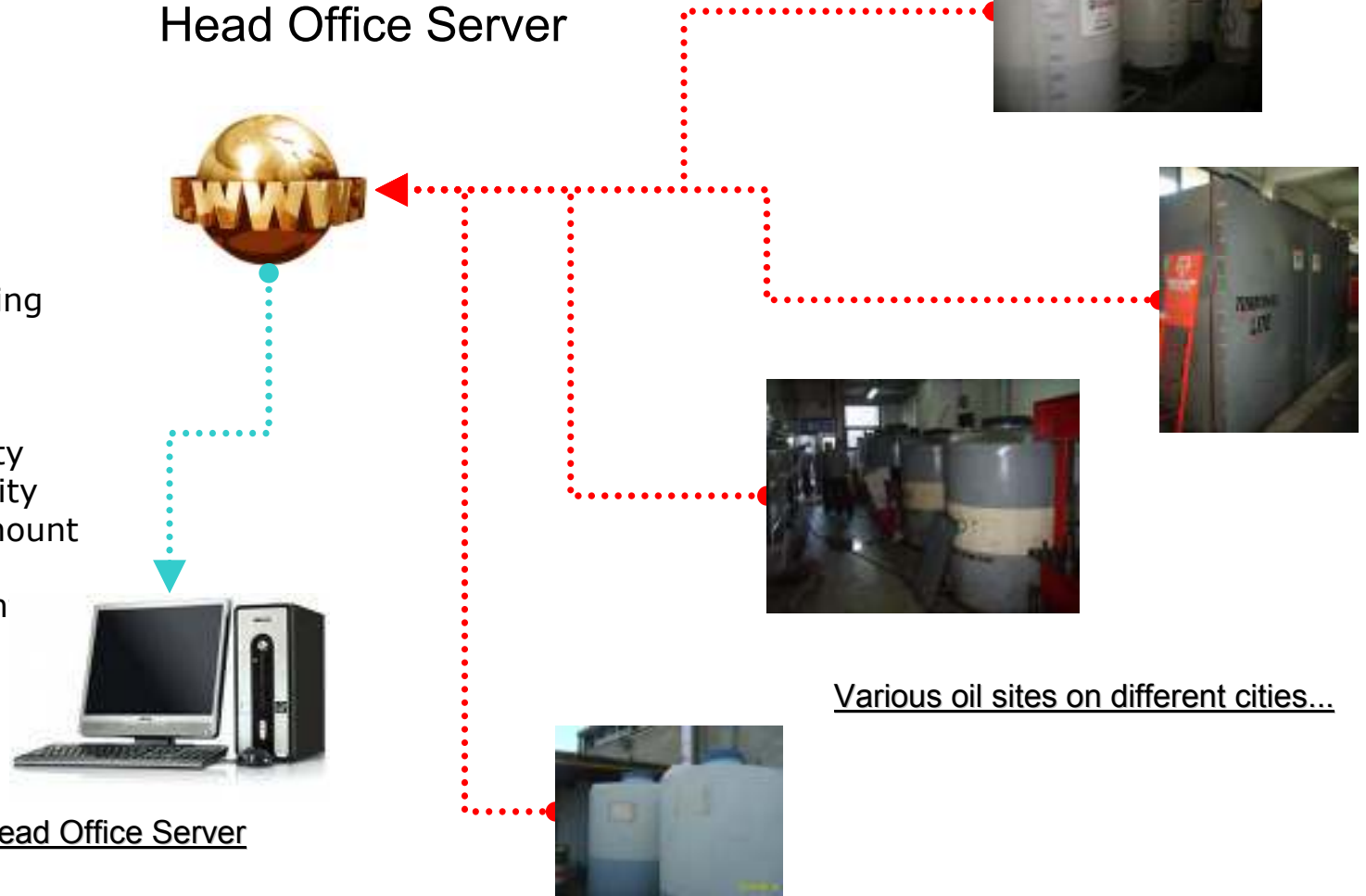
OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

Unlimited numbers of oil stations are connected to client WEB interface & directly to customer server.

Each station oil stock inventory are recorded to database.

WEB interface permits reaching following reports

- Selected site actual level status
- Selected site potential loading capacity
- Selected product general stock quantity
- Selected site & product consumed amount
- Optimum loading order management
- Optimum truck logistics management

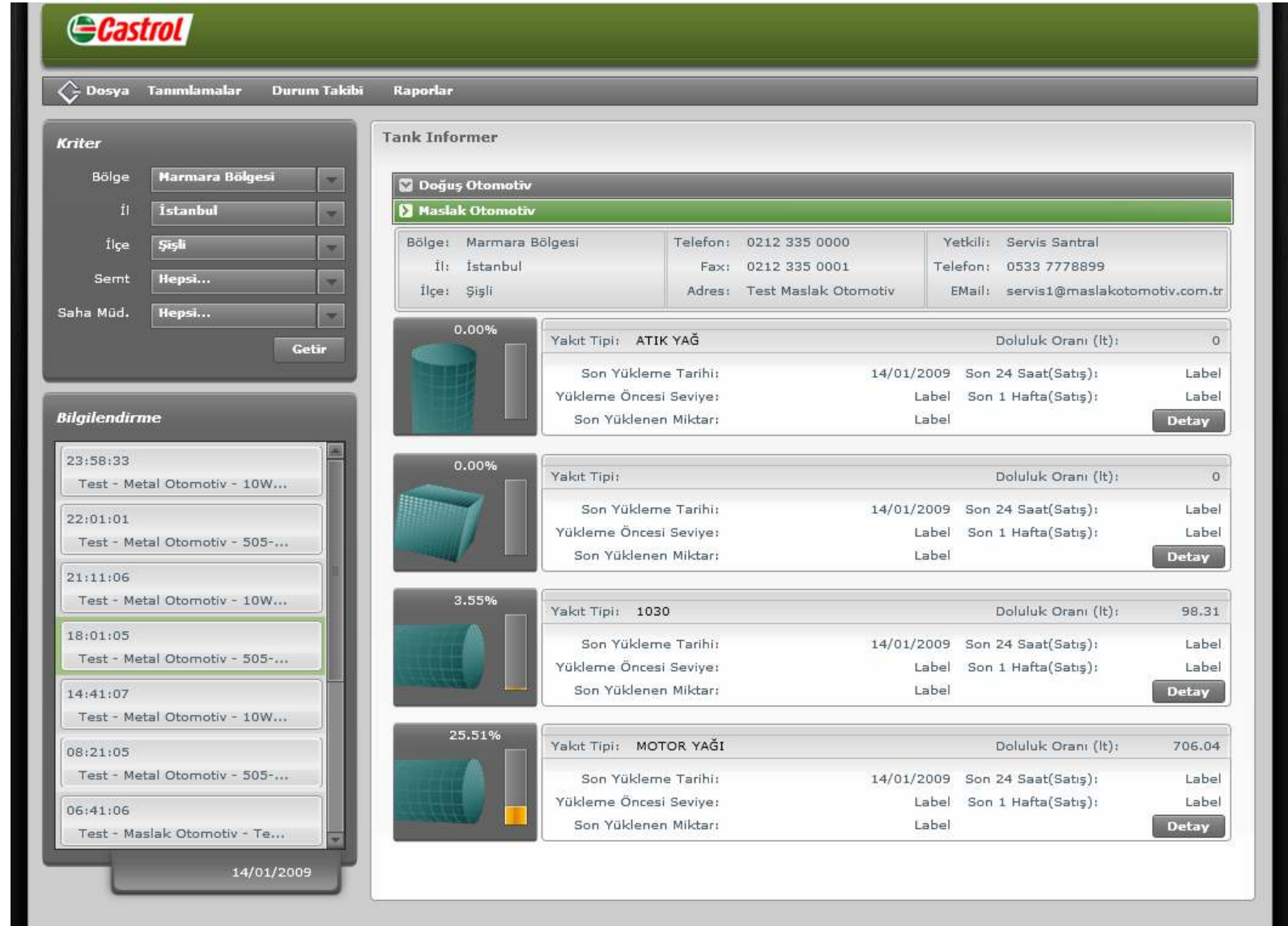


OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

SAMPLE PAGE VIEW

Selected Site actual status

Acknowledgement of each tanks' level & volume measurements according to product type.



The screenshot displays the Castrol Tank Informer software interface. The top navigation bar includes 'Dosya', 'Tanımlamalar', 'Durum Takibi', and 'Raporlar'. The main content area is divided into several sections:

- Kriter:** A filter section with dropdown menus for 'Bölge' (Marmara Bölgesi), 'İl' (İstanbul), 'İlçe' (Şişli), 'Semt' (Hepsi...), and 'Saha Müd.' (Hepsi...). A 'Getir' button is located at the bottom right of this section.
- Bilgilendirme:** A list of recent events with timestamps and descriptions, such as 'Test - Metal Otomotiv - 10W...' and 'Test - Metal Otomotiv - 505-...'. The date '14/01/2009' is shown at the bottom of this list.
- Tank Informer:** A section showing details for selected tanks. It includes a list of tanks with checkboxes for 'Doğuş Otomotiv' and 'Maslak Otomotiv'. Below this, there are four detailed views for different tanks, each showing a fuel level gauge and a table of data.

The detailed views for the tanks are as follows:

Tank Adı	Yakıt Tipi	Doluluk Oranı (lt)
Doğuş Otomotiv	ATIK YAĞ	0
Maslak Otomotiv	1030	98.31
Maslak Otomotiv	MOTOR YAĞI	706.04

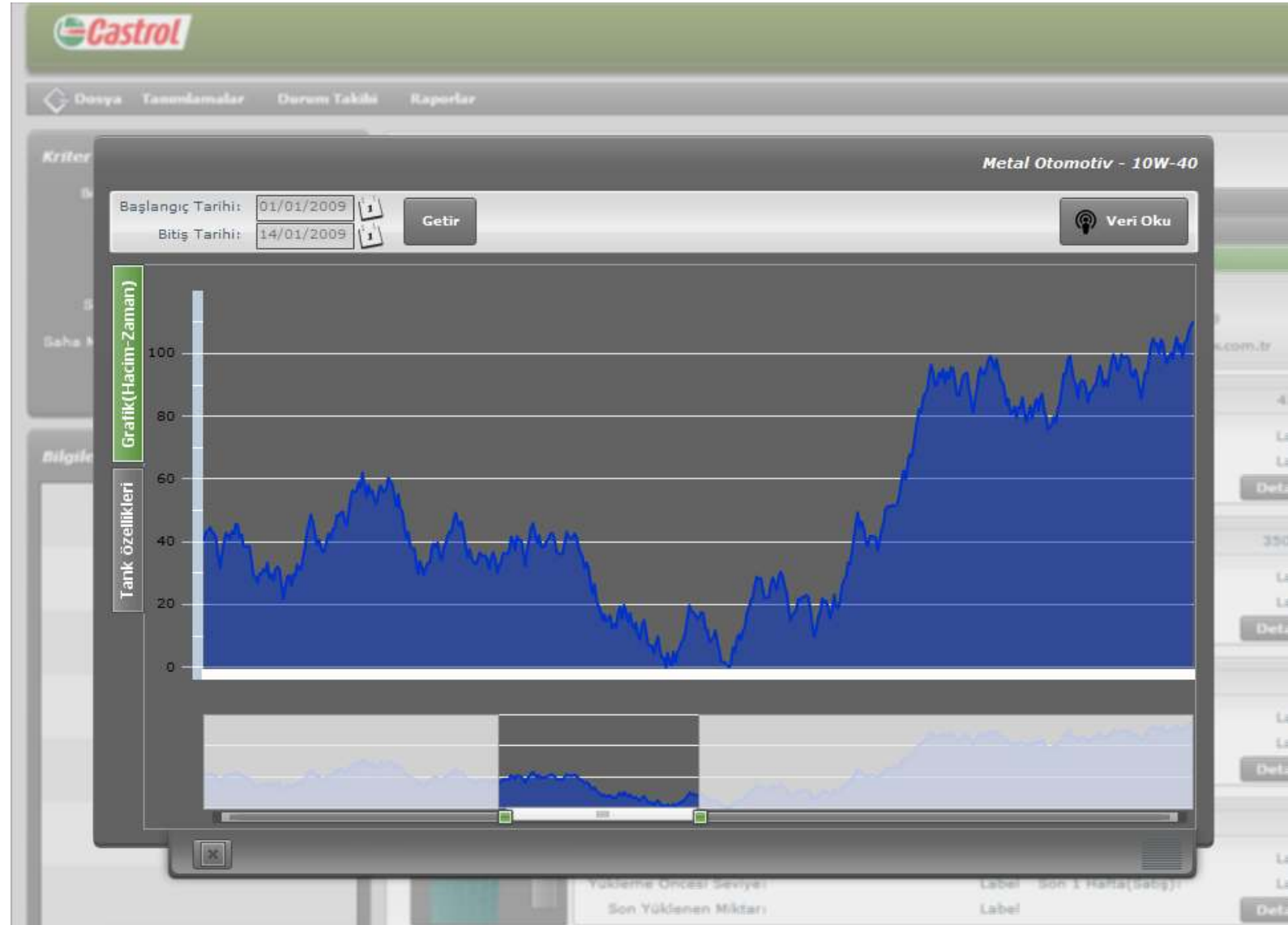
Each detailed view also includes a table with the following columns: 'Son Yükleme Tarihi', 'Yükleme Öncesi Seviye', 'Son Yükleme Tarihi', 'Son 24 Saat(Satış)', 'Son 1 Hafta(Satış)', and 'Son Yükleme Tarihi'. A 'Detay' button is present at the bottom right of each detailed view.

OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

SAMPLE PAGE VIEW

Selected Site Sale report

Acknowledgement of each products loading & unloading graphics explaining consuming quantities.



OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS



SAMPLE PAGE VIEW

Selected Region Product Sale report

Regardless of site information, only consumed quantities of each oil type is reported.

TankInformer
Bölge Ve İllere Göre
Ürün Dağılım Raporu

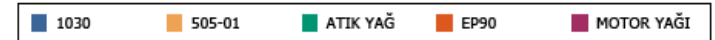
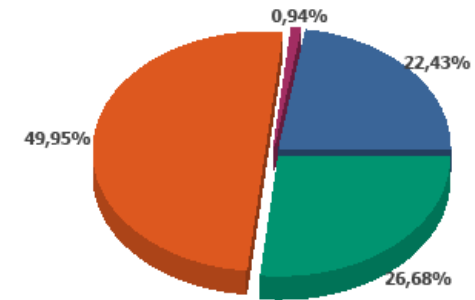


Marmara Bölgesi

İstanbul

Ürün	Mevcut Stok	Potansiyel Miktar	Dolum Miktarı	Satış Miktarı
1030	7.767,88	3.917,26	1.832,96	3.077,08
505-01	3.504,80	444,49	0,00	96,03
ATIK YAĞ	517,18	4.861,67	2.179,89	2.980,00
EP90	4.369,00	0,00	4.080,96	864,22
MOTOR YAĞI	706,04	2.062,08	76,64	303,53
İstanbul Toplam	16.864,90	11.285,50	8.170,45	7.320,86
Marmara Bölgesi Genel Toplam	16.864,90	11.285,50	8.170,45	7.320,86

Ürün Dağılım Grafiği



OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS



SAMPLE PAGE VIEW

Selected Region Station Sale report

Regardless of product type , sales report of whole sites are revealed.

TankInformer
Bölge Ve İllere Göre
Bayi Hareket Dağılım Raporu

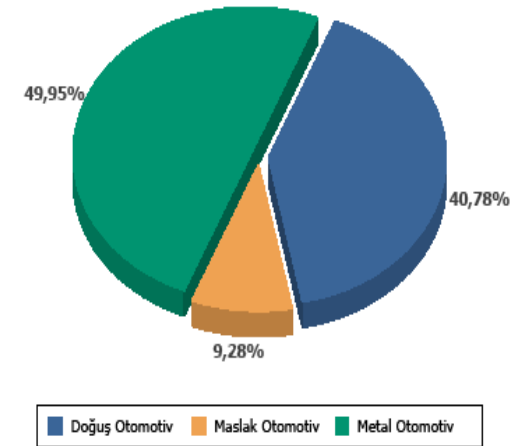


Marmara Bölgesi

İstanbul

Bayı	Mevcut Stok	Potansiyel Miktar	Dolum Miktarı	Satış Miktarı
Doğuş Otomotiv	7.899,82	3.989,54	3.331,66	5.117,69
Maslak Otomotiv	1.091,28	6.851,47	757,83	1.242,92
Metal Otomotiv	7.873,80	444,49	4.080,96	960,25
İstanbul Toplam	16.864,90	11.285,50	8.170,45	7.320,86
Marmara Bölgesi Genel Toplam	16.864,90	11.285,50	8.170,45	7.320,86

Bayi Satış Dağılım Grafiği



OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

SAMPLE PAGE VIEW




Entire Tank Network Inventory report

Total cities, sites & tank information is presented just at one sight. Easy to manage new days orders according to updated loading capacities.


Tarih : 10.01.2008 - 01.14.2009
 Yakıt Tipi :
 Markalar :
 Servisler :
 Tanklar :



TankInformer Servis & Tank Doluluk Raporu

3 Doğu Otomotiv				Marmara Bölgesi				İstanbul		Şişli
Tank No	Tank Adı	Tank Tipi	Σ Hacim	Max	Min	Krtk	Bağ	Doluluk	Yakıt Miktarı	Grafik
5	Doğu Otomotiv - QW-30	Dikey Silindirik	2.972,34	100	1	30	0	% 99,38	2.953,84	
6	Doğu Otomotiv - 10W-40	Dikey Silindirik	2.972,34	100	1	30	0	% 82,04	2.438,64	
7	Doğu Otomotiv - 505-01	Dikey Silindirik	2.972,34	100	1	30	0	% 75,11	2.232,56	
8	Doğu Otomotiv - Abık Yağ	Dikey Silindirik	2.972,34	100	1	30	0	% 9,24	274,78	

1 Maslak Otomotiv				Marmara Bölgesi				İstanbul		Şişli
Tank No	Tank Adı	Tank Tipi	Σ Hacim	Max	Min	Krtk	Bağ	Doluluk	Yakıt Miktarı	Grafik
1	Maslak Otomotiv - Abık Yağ	Dikey Silindirik	2.406,51	100	1	30	0	% 0,00	0,00	
3	Maslak Otomotiv - Test Yağ T1	Yatay Silindirik	2.768,12	100	1	30	0	% 5,16	142,84	
4	Maslak Otomotiv - Test Yağ T2	Yatay Silindirik	2.768,12	100	1	30	0	% 25,51	706,04	

11 Metal Otomotiv				Marmara Bölgesi				İstanbul		GaziosmanPaşa
Tank No	Tank Adı	Tank Tipi	Σ Hacim	Max	Min	Krtk	Bağ	Doluluk	Yakıt Miktarı	Grafik
9	Metal Otomotiv - 505-01	Dikey Silindirik	3.949,29	100	1	30	0	% 110,63	4.369,00	
10	Metal Otomotiv - 10W-40	Dikey Silindirik	3.949,29	100	1	30	0	% 88,75	3.504,80	

OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

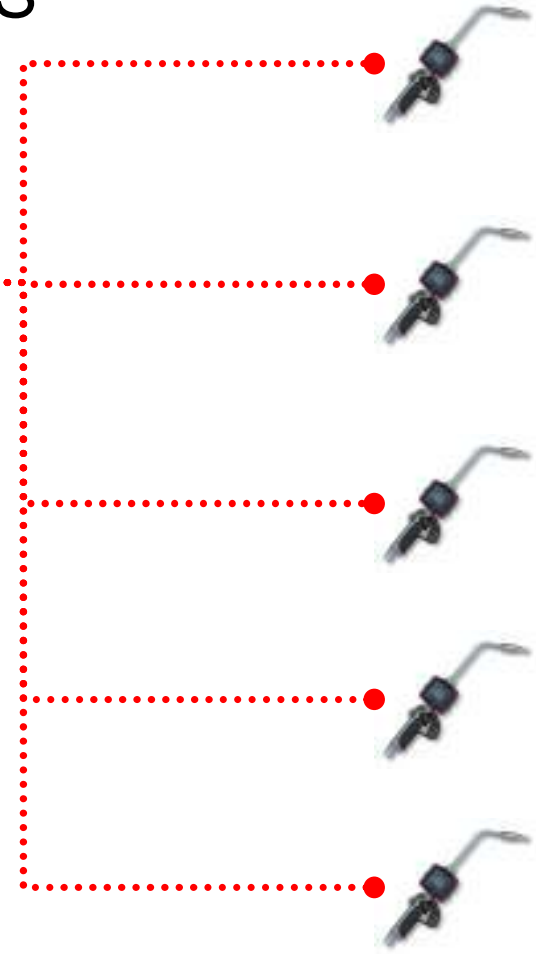
Sales



Data Converter
(OPTION)

System is also available to calculate each nozzle sales.

Modular data converter will communicate to various brands of nozzle.



Data cables to converter
from nozzles

OIL TANKS LEVEL MONITORING & TRANSPORTATION LOGISTICS

