

MIVO

Machine Operational Efficiency Automation



MIVO (Machine Operation Efficiency Automation) was developed to assess, analyze, and enhance the efficiency of construction equipment on job sites. This system enables technical office teams to obtain efficiency reports based on vehicles, operators, and regions, establish numerical targets, and generate progress payment schedules directly from the platform. Our patented algorithms for excavation weight calculation and construction equipment truck matching completely eliminate the necessity for field tally personnel.



Excavation Catalogs

Automated mapping of construction machinery and trucks, encompassing all daily live excavation activities.



Field Areas

Zone information regarding excavation activities by establishing construction site areas via the system.



Operator Monitoring

Identity cards and operators' daily loading capacity, working hours, and performance metrics.



Vehicle Monitoring

Real-time vehicle data obtained through the CAN Bus, tracking the movements of your trucks on-site.



System Attributes

- ✓ Truck Trip Statistics
- ✓ Start End Area Codes
- ✓ Excavation Tonnage per Trip
- ✓ Maximum and Average Velocity of Travel
- ✓ Truck Excavator Competitions
- ✓ Vehicle Data through CAN Bus
- ✓ Fuel Quantity Per Journey
- ✓ Operator Performance Evaluation
- ✓ Maintenance and Work Order Integration
- ✓ GPS Map Tracking
- ✓ Construction Site Operations Center Overview
- ✓ Executive Summary Displays









Contact Us for
Data Inquiries



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MIVO

INSPECTABLE BUILDING SITES

 10/41 Live ESKI TIP CİHAZ	 4/41 Live PASIF	 2/41 Live KONTAK AÇIK
 4/41 Live ROLANTI	 6/41 Live ÇALIŞAN	 15/41 Live SEFERDE
 3.8 / 5.0 Verimlilik Puanı	 4.5 / 5.0 Sürüş Puanı	

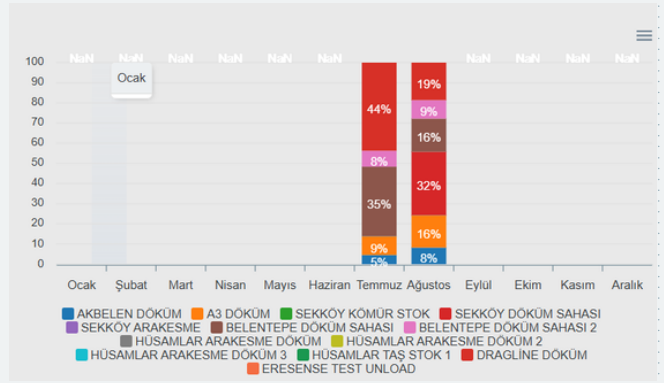
Applications

- ✓ Mines Road
- ✓ Development Locations
- ✓ Marble Quarries
- ✓ Excavation Contractors
- ✓ Airport Construction
- ✓ Quarries

System

In the system, the work area (including excavation, highways, railways, mining areas, etc.) is segmented into regions and recorded in the system through user interfaces designed for this purpose. Devices that obtain location information via GPS provide area details alongside coordinate data during their movements.

In this system, which enhances the capabilities of construction site management, particularly focusing on area-based management and accounting, excavation information can be presented line by line in the following table.



Sıra	Kamyon Bilgisi			Yükleme					Boşaltma					Toplam			Rota	İT		
	Kamyon	Şoför	Tarih	Saat	Bölge	Nakil Sür.	Rolantı Sür.	Nakil(Km)	Tarih	Saat	Kg	Bölge	Nakil Sür.	Rolantı Sür.	Nakil(Km)	Nakil Sür.			Rolantı Sür.	Mesafe
377	IC-LIMAK - O4		24.10.2024	20:28:00	SEKKÖY DEKAPAJ ...	00:08:44	00:05:14	2,710	24.10.2024	20:39:25	22,816	SEKKÖY DÖKÜM S...	00:09:28	00:01:47	2,700	00:18:12	00:07:01	5,410	✓	✓
376	IC-LIMAK IC-K49	31.1 RFID 2318...	24.10.2024	20:28:38	SEKKÖY DEKAPAJ ...	00:08:15	00:01:49	4,295	24.10.2024	20:39:11	0	BELENTEPE DÖKÜ...	00:08:54	00:01:31	4,200	00:17:09	00:03:20	8,495	✓	✓
375	IC-LIMAK - 195		24.10.2024	20:26:35	SEKKÖY DEKAPAJ ...	00:08:47	00:02:51	4,705	24.10.2024	20:37:35	31,103	BELENTEPE DÖKÜ...	00:09:20	00:01:29	4,085	00:18:07	00:04:20	8,790	✓	✓
374	IC-LIMAK - O2		24.10.2024	20:25:06	SEKKÖY DEKAPAJ ...	00:08:36	00:04:48	2,915	24.10.2024	20:35:23	26,987	SEKKÖY DÖKÜM S...	00:08:57	00:01:10	2,690	00:17:33	00:05:58	5,605	✓	✓
373	IC-LIMAK - 63	39.1 RFID 0AE2...	24.10.2024	20:16:13	SEKKÖY DEKAPAJ ...	00:10:16	00:06:06	3,875	24.10.2024	20:30:53	0		00:12:38	00:01:47	3,825	00:22:54	00:07:53	7,700	✓	✓
372	IC-LIMAK - O5	35.1 RFID 2867...	24.10.2024	20:14:33	SEKKÖY DEKAPAJ ...	00:06:56	00:01:30	2,605	24.10.2024	20:25:26	26,247	SEKKÖY DÖKÜM S...	00:09:15	00:01:28	2,705	00:16:11	00:02:58	5,310	✓	✓