



# SolonPort Software



## **Solon Software**

since 1989  
Istanbul

## **SolonPort**

1999  
port automation software  
specialisation

## **Solon R&D**

2014  
Research and Development

Corporate Office



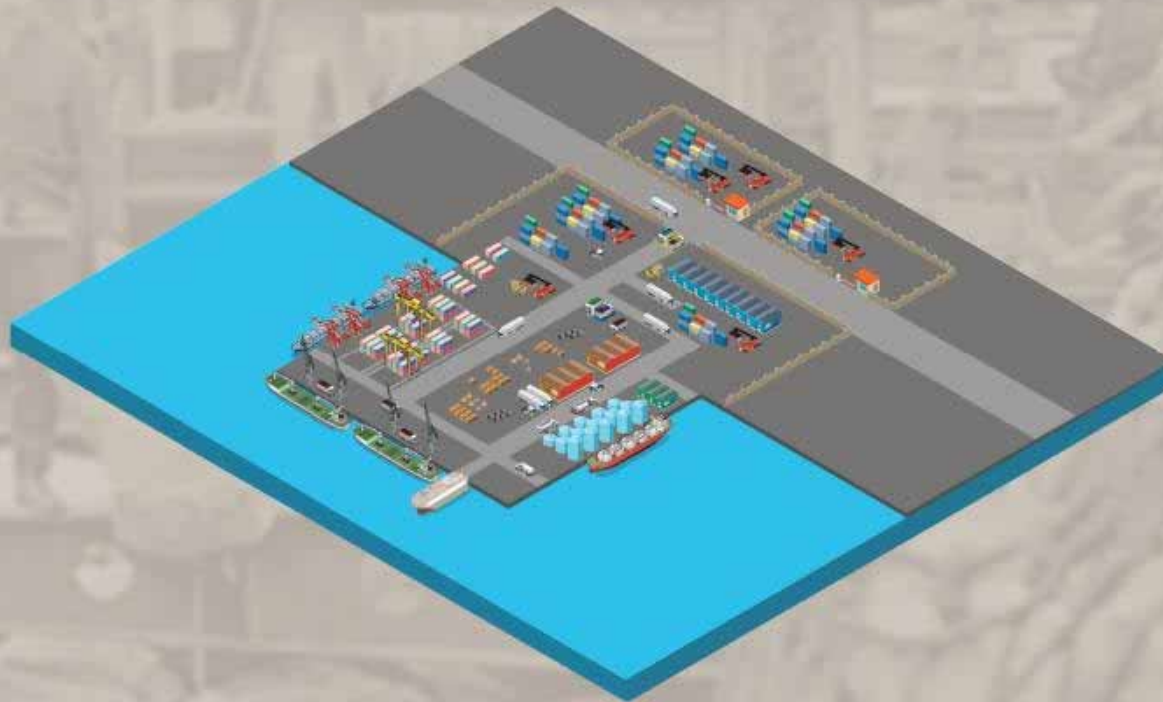
R&D Cell





 **SolonPort**  
TERMINAL OPERATING SYSTEM  
[www.solonport.com](http://www.solonport.com)

# Expansivity



• Within the scope of SolonPort Port Automation the following special modules are available for the following operations:

- Container
- General Cargo
- Bulk Cargo
- Storage of Liquid Cargo
- Delivery of Liquid Cargo
- RoRo
- RoRo Ferry
- Railway
- Ports, thus, perform and manage expanding and changing cargo handling operations under a single integrated automation framework.

# Partners

**Microsoft®**



- Solon successfully carries out common projects with Oracle.

- Solon is a partner of Microsoft Solution Provider and Microsoft Development and Design.

## Software Technologies used in Solon Software

### Visual Studio

- C#
- WCF
- WPF

### Delphi

### DataBase

- MS-SQL
- ORACLE



**ORACLE**  
SOFTWARE POWERS THE INTERNET™



# Standards and Certification



- Our company's focus on software, development, support and sustainability is managed under international certification criteria.

- ISO/IEC 20000 : IT Service Management

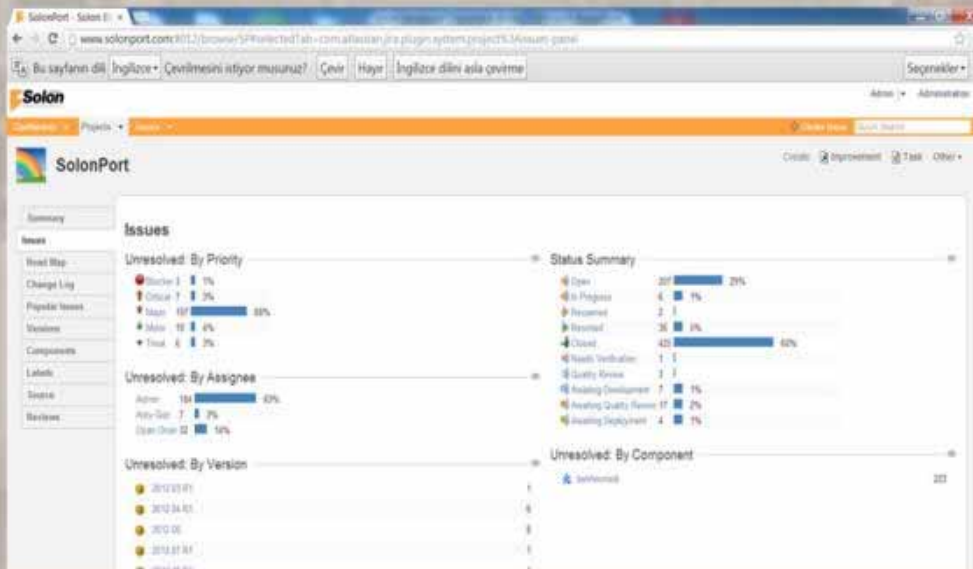
- ISO 22301 : Business Continuity Management

- ISO 27001 : Information security management

- ISO 9001 : Quality Management



# SolonPort Support



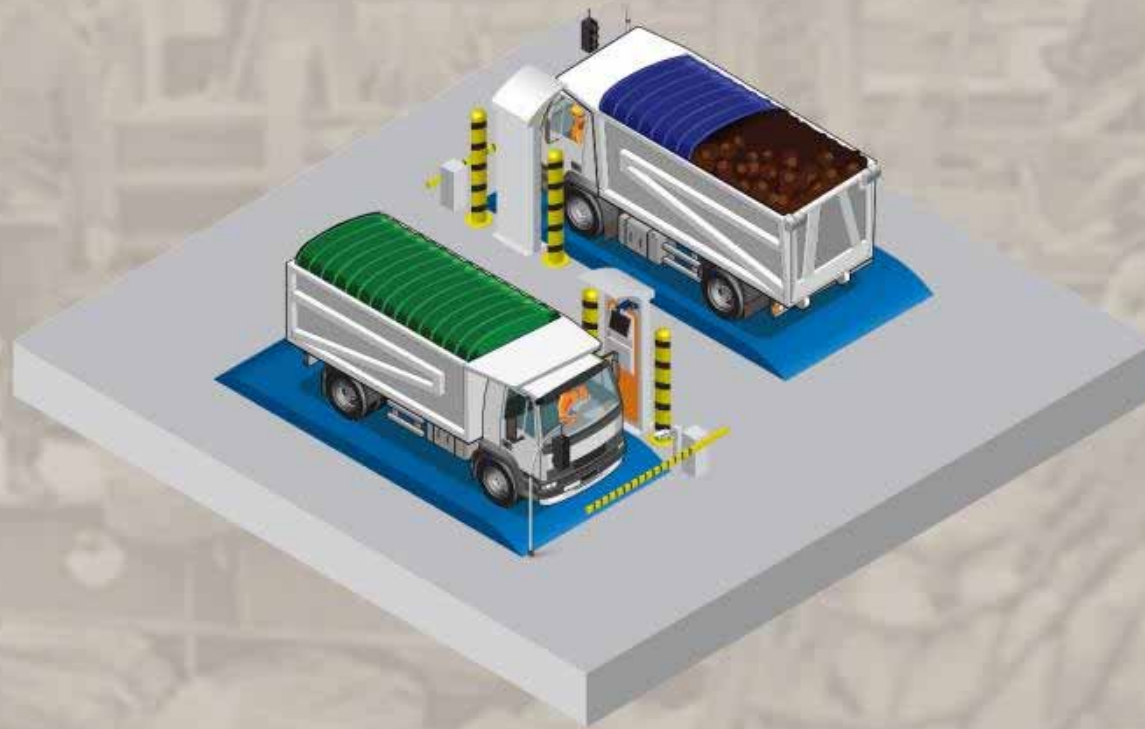
- Ports can monitor their issues and road map via Web Support instantly. They can also enrich their issues with more documentation and keep track of the adaptation and development process and can thereby attain improved results.

# Gate Entry



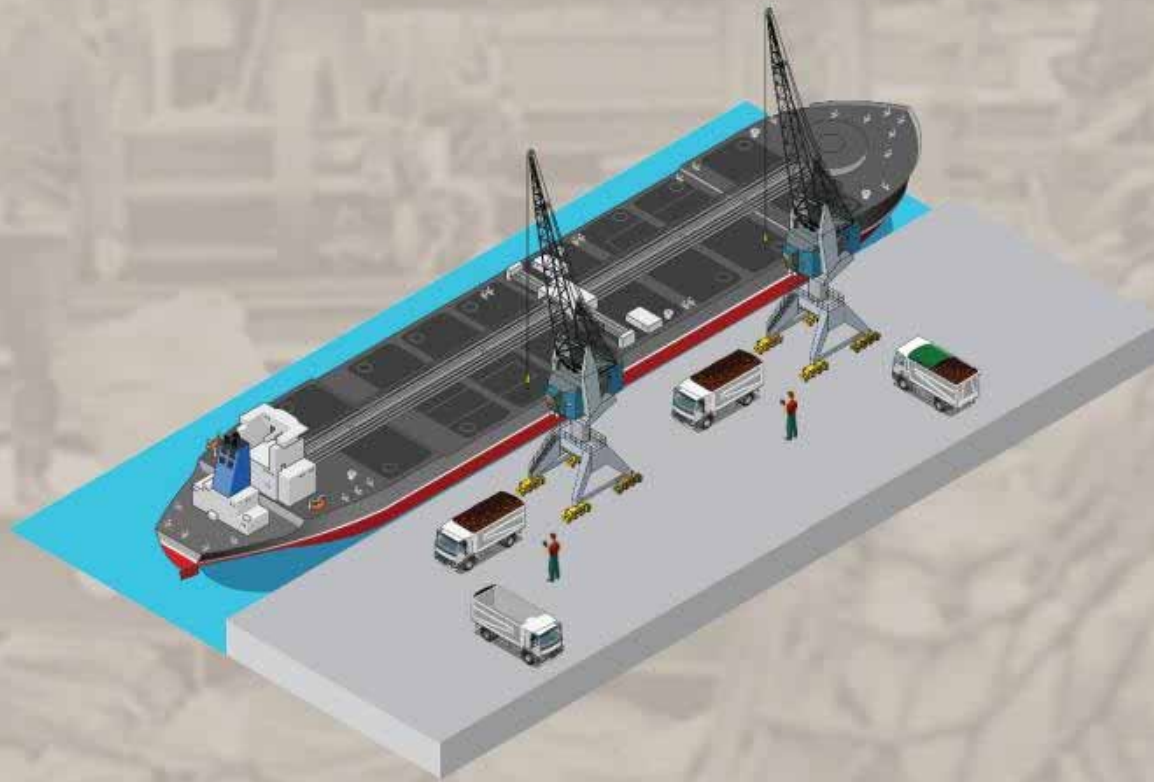
- Automatic plate recognition (OCR)
- Driver record system (Driver Camera)
- Entry ticket printing, interactive contact screen (KIOSK)
- Barrier
- Vehicles entering and leaving the port's gate are identified by the system.
- Entry records are created automatically.
- Entry ticket is printed automatically

# Weighbridge 1st Pass



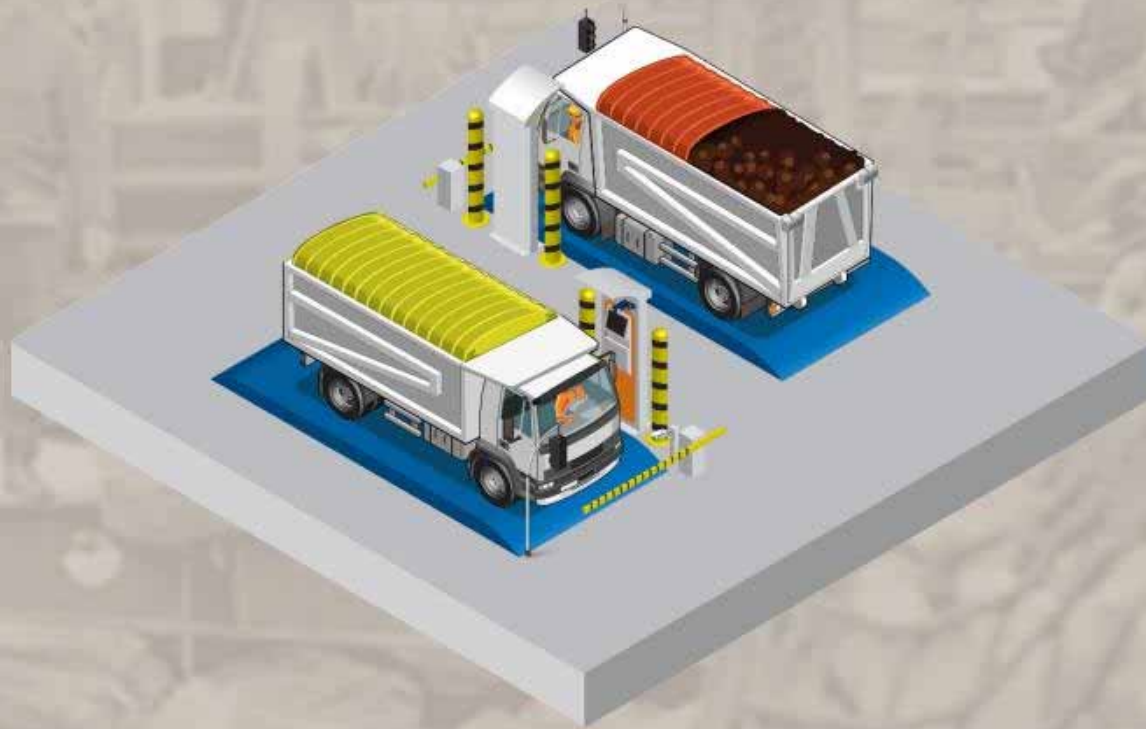
- Automatic plate recognition (OCR)
- Driver record system (Driver Camera)
- Interactive contact screen (KIOSK)
- Barrier
- All weighing operations in the port can be implemented within the system.
- Loading & discharging scores can be filled out automatically.
- Weighbridge operation can be integrated with Gate – Yard – Vessel operations.
- Weighbridge can be integrated to operate with each other.
- Packing list, free weighing container warehouse weighing lists can be printed out.
- Vehicle's over-tonnage can be followed up automatically.

# Vessel Loading & Discharging



- Tallyman
- Handheld Terminal
- Tallyman operations;
  - a. Plate
  - b. Bill of lading
  - c. Quantity (for General Cargo)
  - d. Gang's idle time
    - 1) Charged
    - 2) Free of charge
- Loading & discharging operations can be executed on the basis of draft survey and scoring.
- Loading & discharging operations under tackle and yard status can be conducted.
- Loading & discharging operations can also be accomplished by using handheld terminals and tallyman.
- Operations made with handheld terminals can be integrated with the weighbridge. They can also be used without weighbridge integration.

# Weighbridge 2nd Pass



- Automatic plate recognition (OCR)
- Driver record system (Driver Camera)
- Weighbridge ticket printing, interactive contact screen (KIOSK)
- Barrier

# Gate Exit



- Automatic plate recognition (OCR)
- Driver record system (Driver Camera)
- Interactive contact screen (KIOSK)
- Barrier

# Web Access



- Before the operation, customers can provide licence plate information for their trucks that will transport their cargo.
- Customer can monitor all operational processes.
- Berthed or barge-connected vessels can be monitored visually and as scaled.
- The state of continuing operations can be followed up instantaneously according to available gang performances, completion time of remaining discharge, and loading operations can be displayed after being calculated by the system.
- Vessels arriving at the port and berthed ships can be monitored instantaneously with Web Access.
- Weighbridge and general placement operations and their data can be monitored online.







Limam Durum İzleme

Limandaki Gemiler

Beklenen Gemiler

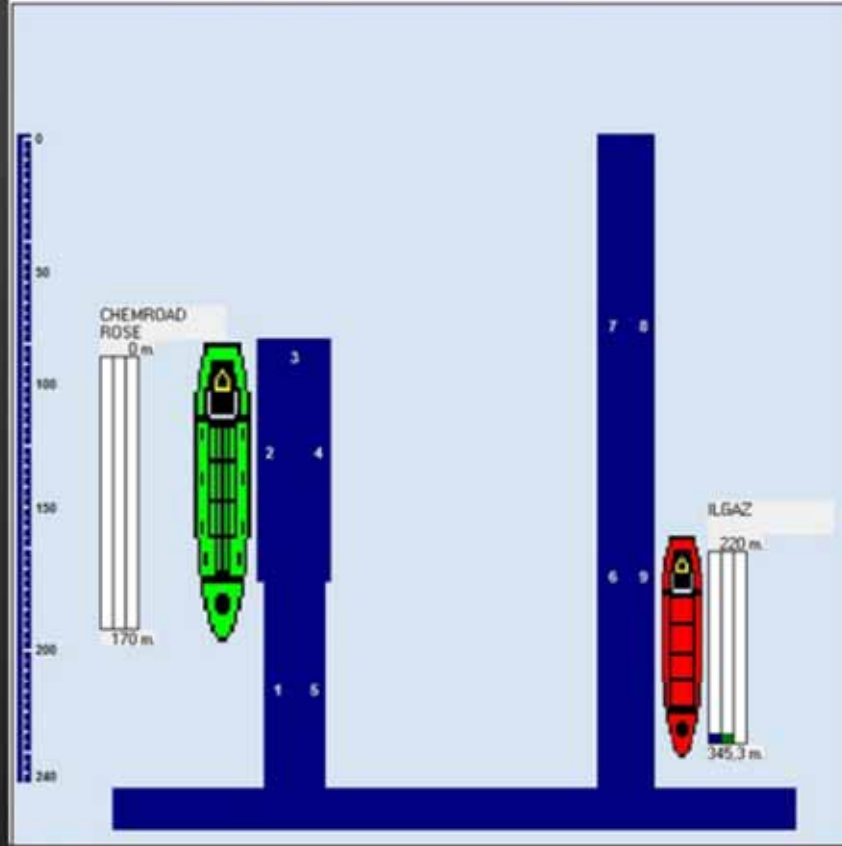
Ayrılan Gemiler

Gemi

Konteynır

Kullanıcı

Liman Durum İzleme



Gemi

Kullanıcı

## Limandaki Gemiler

Gemi Adı	Acente	Yanaşma	Tahmini Ayrılma	Yükü
ILGAZ	İSMARİNE GEMİ ACENTELİĞİ	12/31/2014	1/2/2015	GENEL YÜK

## Beklenen Gemiler

Gemi Adı	Acenta	Tahmini Yanaşma	Tahmini Aynıma	Yükü
WARNOW BELUGA	ARKAS DENİZCİLİK VE NAKLIYAT A.Ş.	1/1/2015	1/1/2015	KONTEYNER
NEFTERUDOVOZ 51M	XXX	1/1/2015	1/3/2015	GENEL YÜK
URA	MARTI GEMİ ACENTALIĞI A.Ş.	1/1/2015	1/5/2015	GENEL YÜK
SUN UNICORN	AMİRAL GEMİ VE DENİZ ACENTALIĞI LTD. ŞTİ.	1/3/2015	1/3/2015	KONTEYNER
NEFTERUDOVOZ-50 M	XXX	1/3/2015	1/5/2015	GENEL YÜK
NIKOLAY KLINOV	XXX	1/5/2015	1/7/2015	GENEL YÜK
NEFTERUDOVOZ	.....	.....	.....	.....



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