

"We are an engineering and system integrator company delivering hardware and software solutions for road safety and the mobilization of passengers and vehicles on public roads.

Scandinavian Automation Intelligence

...Our Nordic office and the gateway to Europe



ITS / ETC & System Integration



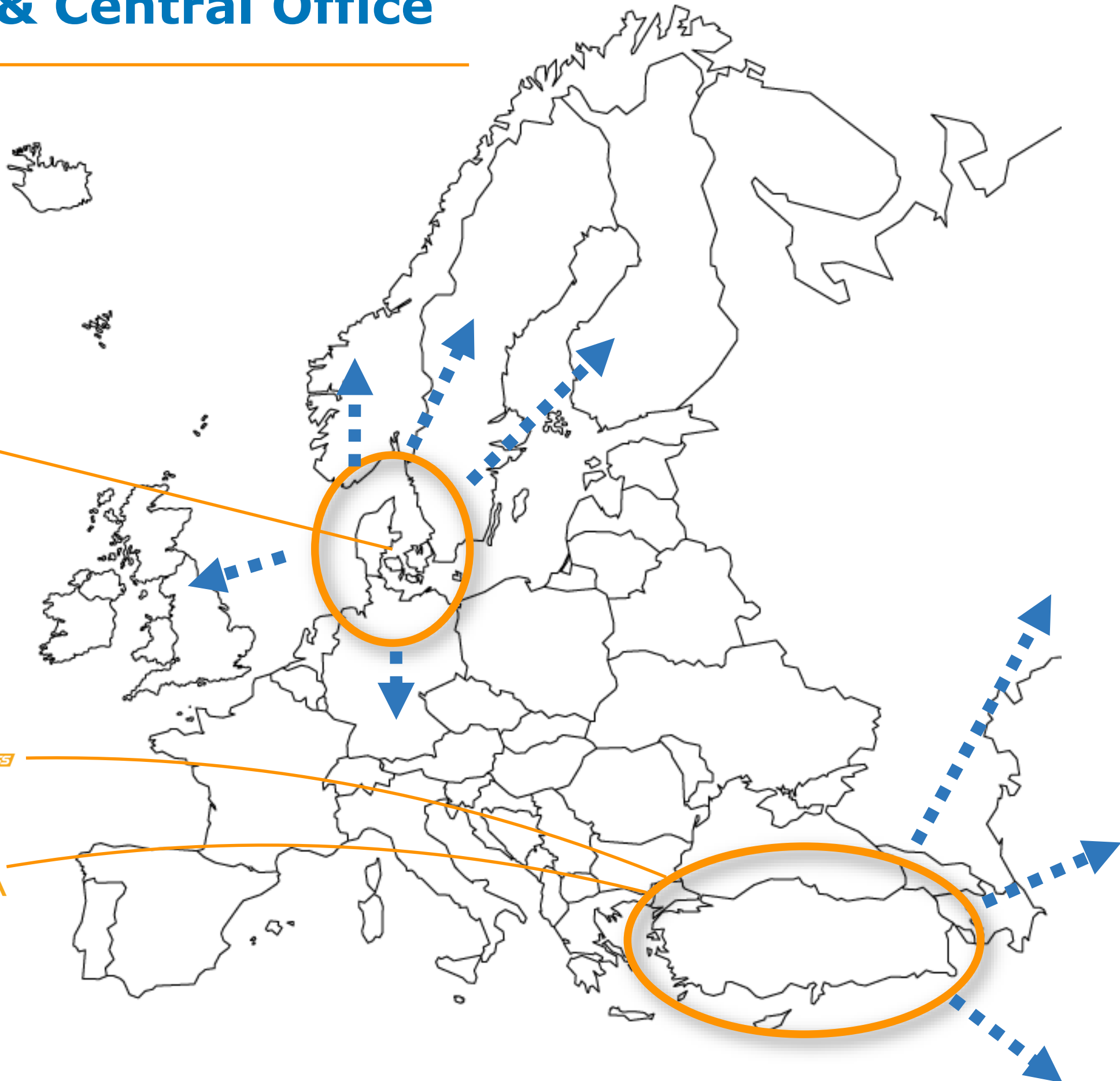
TETRA 



Third Countries

Other

Nordic & Central Office



Engineering, design, integration & consultancy

We deliver solutions to operators of:



Roads



Highways



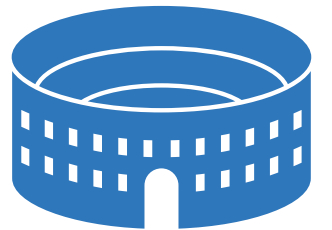
Tunnels



Bridges



Railroads



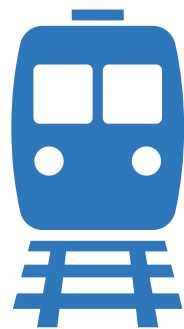
Sports
Arenas



Aviation



Seaways



Metro



Parking



Shopping
Malls



& other
traffic

- **Enter bids for projects in Scandinavia**
- **Enter bids for projects in Continental Europe**
- **Enter bids in the UK**
- **Participate as sub-contractors for bid winners**
- **Develop new technology in tech-hubs**
- **Enter partnerships**
- **Enter alliances**

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SAI will achieve its goals by leveraging

- A) The business acumen of the shareholders who are actively and successfully running companies for the past 17+ years (Business)
- B) The strong financial support from its shareholders (Finance)
- C) Being a sister company of Intetra which will help as “ice breaker” for business development purposes and also allow SAI to benefit from the capabilities of a leading company from the internationally highly competitive Turkish ITS industry (Development)
- D) The management capabilities of the senior team who has long term experience on business development, contracting, financing and corporate governance matters (Management)
- E) Being located in Europe (deliberately Denmark) eliminating some political risks otherwise unavoidable

The above 5 pillars will help SAI to position itself very rapidly in the international markets.

What does Scandinavian Automation Intelligence offer



Data collection

Data is collected on site, either via existing collectors, or with our own systems, and can be integrated, merged or otherwise with any database already active

Analysis

Our own expert team of engineers have multiple tools at hand to analyse and create prediction models of collected data, and to build a base for the model creation optimal for the purpose

Model creation

We build models on past experiences and opt to develop new models continuously using collected data to refine the creation, and the analysis to tailor for the in hand purpose

Design

Each project, each user, each investor have different requests to design, but what center our design language is the ease of use, both infield and at the backend for decision making

Build

All our solutions are based on the ample references that we have created so far, and we are proud to build high quality, all weather prone equipment, certified by international 3rd party qualifiers

Implementation

Our mobile team is trained in our facilities, and know our equipment to the full, and their technical talent is expressed in field during implementation, by speed and quality

Data collection & design of automation systems for traffic management



Action

Warning
Direction
Diversion
Information
Toll Collection



Speed

Count

Payment

Size

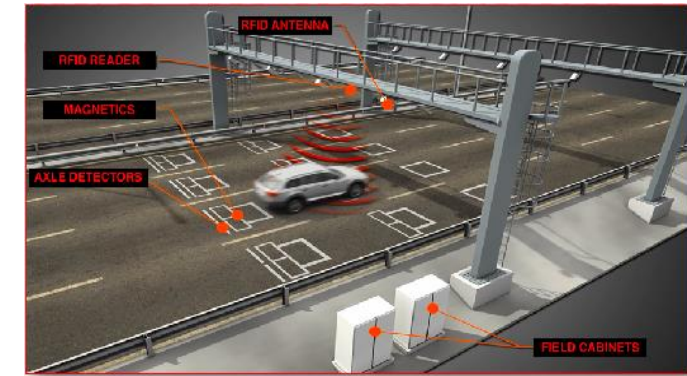
Identity

Environment

Some of our ready to ship traffic solutions

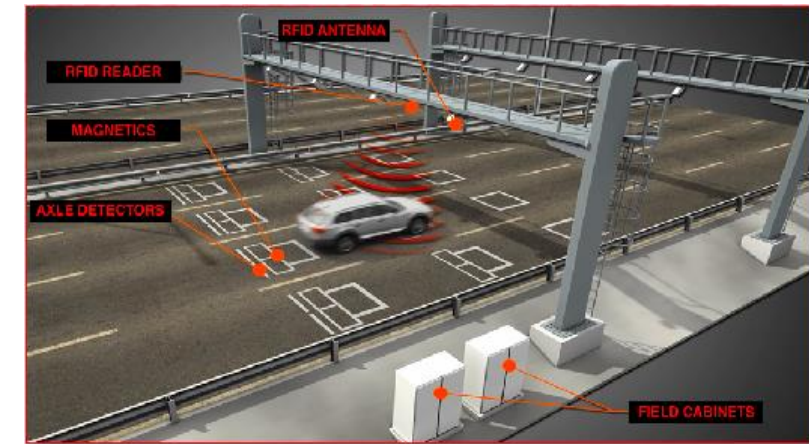


- Variable Message Signs
- Variable Traffic Signs
- Passenger Information Display
- Mobile Variable Message Signs
- Speed Radar
- Led Traffic Signs
- Tunnel Safety Signs
- Road Studs
- Vehicle Counting & Classification
- Electronic Height Detection Systems
- Road Weather Information Systems
- Smart Lighting Systems
- Traffic Lights, Accessible Pedestrian Signals (Aps) And Push Buttons
- Geographic Information Systems
- Project Integration Solutions
- Vehicle Mounted Variable Message Sign

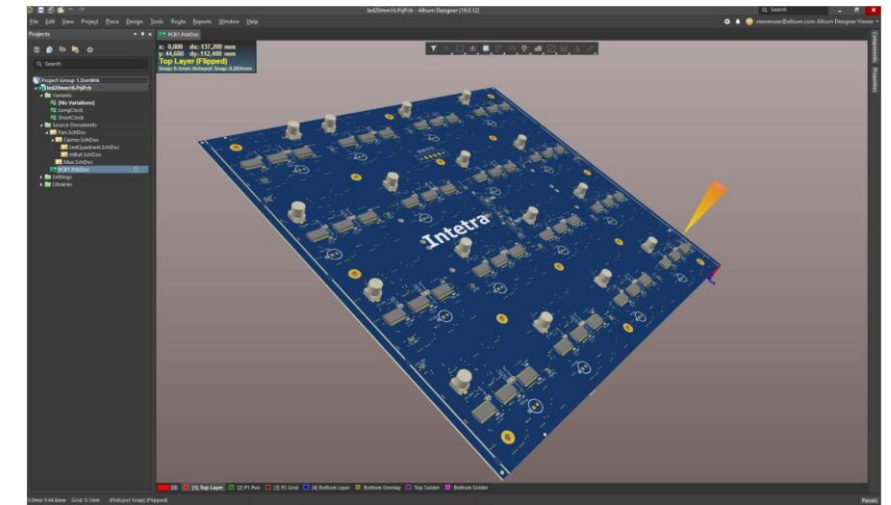
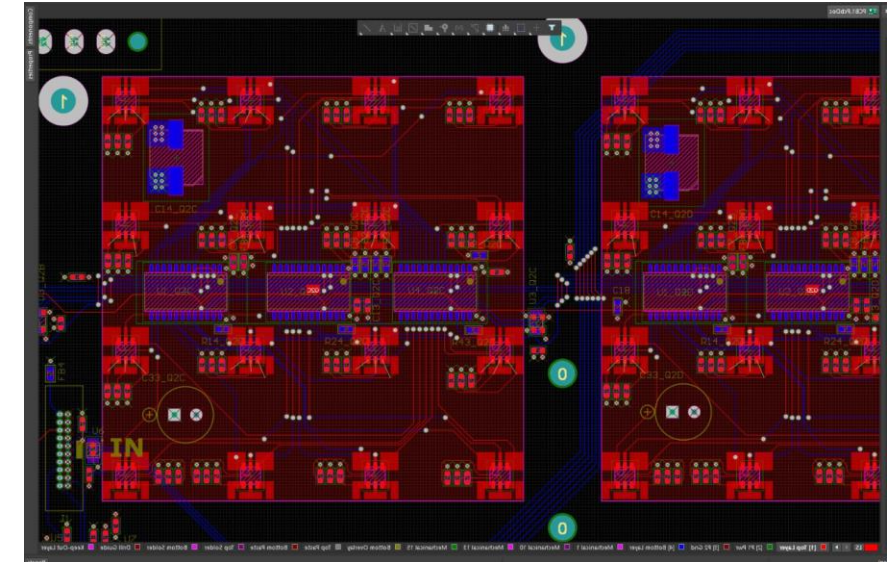
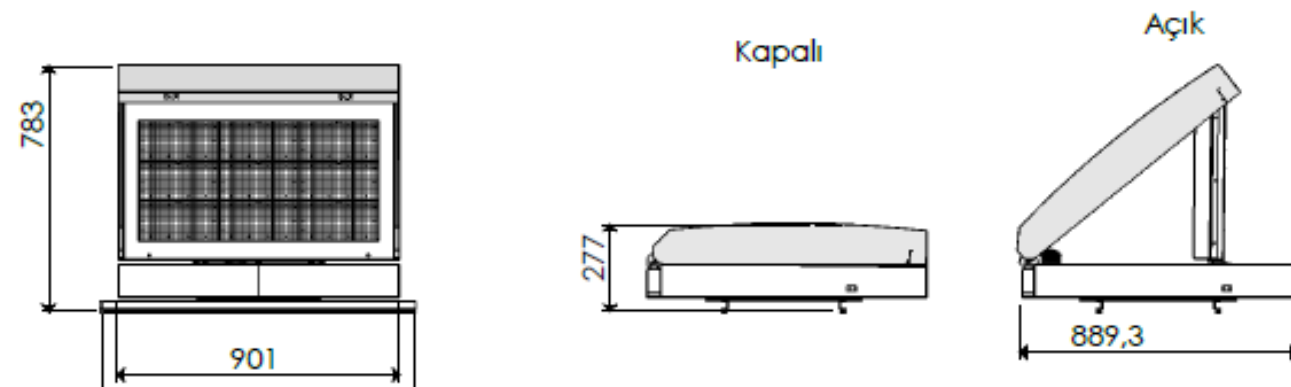
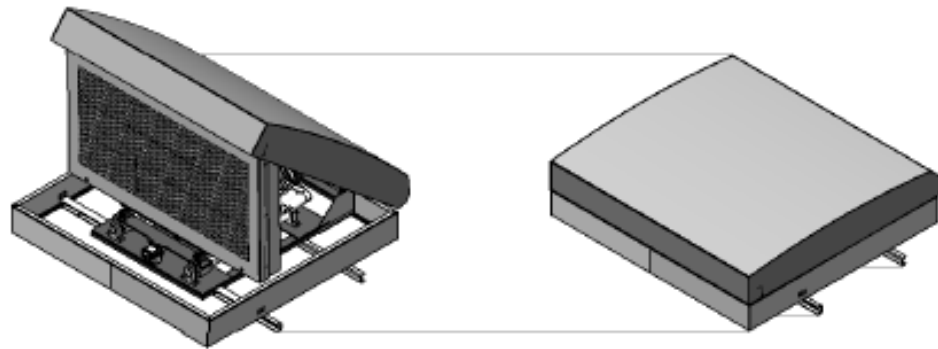
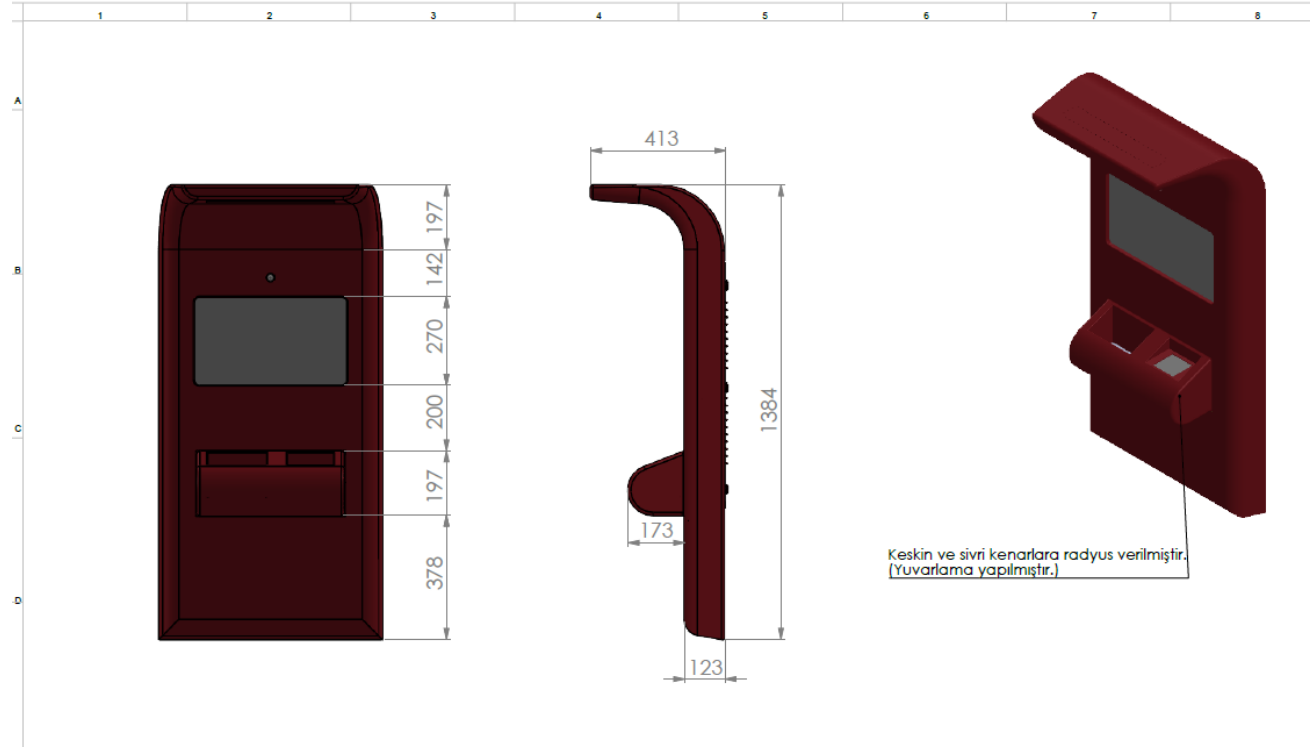


ITS and ETC Software Capabilities

- Automated Vehicle Identification Classification
- Single Lane/ MultiLane Free Flow Systems
- ETC Backoffice Software Development
- Integration Solutions
- RFID Tag Production
- Parking/Car Park Tolling
- Average Speed Enforcement
- Congestion Charging
- Business System Architecture
- Clearing and Provision Services
- Surveillance System



Design Capabilities



Accomplishments (ETC)

- **1240 Single Lane Gates**
- **58 Multi Lane Free Flow Systems**
- **10 Plus Completed Toll Collection Projects**
- **Processing 3 Million Transactions Per Day**
- **21 Million Users Nationwide**
- **Operating And Maintaining 3500 Km Highway Network**

Accomplishments (ITS)

- **780 VTS & VMS Installed**
- **2350 Tunnell Safety product Installed**
- **91 Mobile Traffic Safety VMS delivered to General Directorate of Highways**
- **10 Plus Tunnel Project Completed**
- **507 km Motorway Project Completed**
- **Our products were exported to six countries**
- **Maintaining over 3000 ITS device**

Some references

Project name: GEBZE Osmangazi İzmit Highway Project
Operator / investor: OTOYOL A.Ş.
Project: Tool Collection
Execution company: Tetra HGS



Some references

Project name: GEBZE Osmangazi İzmit Highway Project
Operator / investor: OTOYOL A.Ş.
Project: Highway VMS & VTS
Execution company: Intetra



Some references

Project name: İzmit Bay Bridge & Viaduct Project

Operator / investor: SIEMENS

Project: Bridge VMS/VTs (tailor design for 8 lane highway bridge)

Execution company: Intetra



Some references

Project name: 3rd Bosphorus bridge & North Marmara linking roads

Operator / investor: ICA

Project: Free flow toll collection

Execution company: Tetra HGS



Some references

Project name: 3rd Bosphorus bridge & North Marmara linking roads

Operator / investor: ICA

Project: VMS / VTS

Execution company: Intetra



Some references

Project name: 3rd Bosphorus bridge & Riva Camlik Tunnel

Operator / investor: ICA

Project: VTS

Execution company: Intetra



Some references

Project name: Yavuz Sultan Selim Bridge Project

Operator / investor: ICA

Project: 12x3 m. bridge VMS (tailored for 4 lane highway bridge)

Execution company: Intetra



Some references

Project name: Ashgabat - Candibil Highway Turkmeistan

Operator / investor: Turkmenistan

Project: VMS/VTs, Speed Enforcement Systems, Traffic Light

Execution company: Intetra



Some references

Project name: Ashgabat - Candibil Highway Turkmeistan

Operator / investor: Turkmenistan

Project: VMS/VTs, Speed Enforcement Systems, Traffic Light

Execution company: Intetra



Some references

Project name: Ashgabat - Kpetdag / Andalip Highway - Turkmenistan

Operator / investor: Turkmenistan

Project: VMS/VTS, Speed Enforcement Systems, Traffic Light

Execution company: Intetra



Some references

Project name: Xutor Tunnel - Azerbaijan

Operator / investor: Azerbaijan

Project: VMS/VTs, Speed Enforcement Systems, Traffic Lights

Execution company: Intetra



Some references

Project name: Baghdad Airport Highway - Iraq

Operator / investor: Baghdad International Airport

Project: Highway VMS w/Aluminium Coated Gantry Design

Execution company: Intetra



Some references

Project name: AquaFlorya Shopping Centre - Istanbul

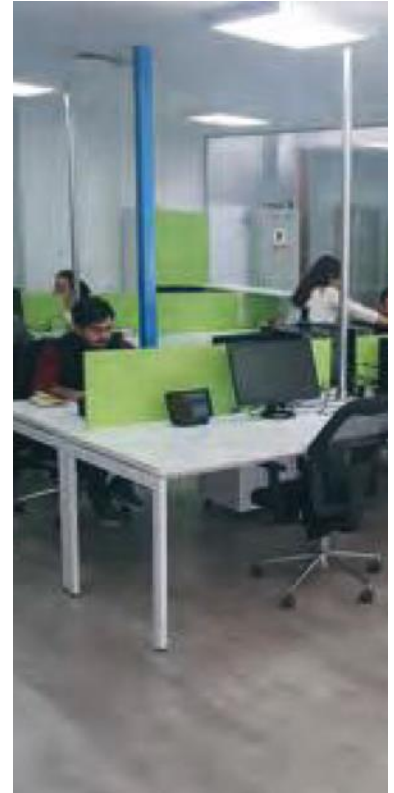
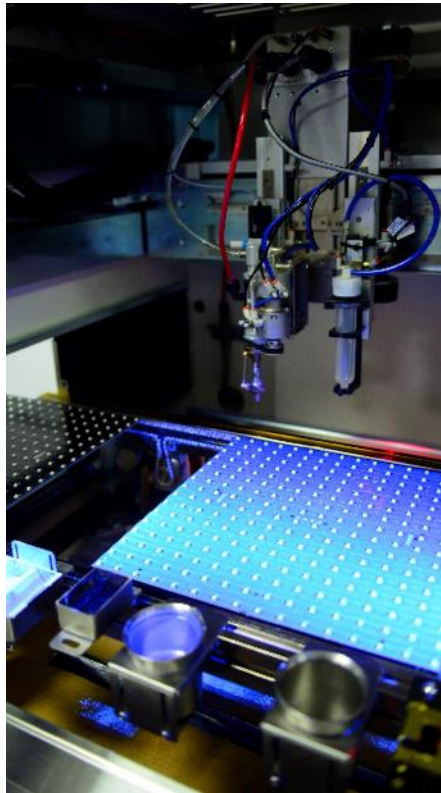
Operator / investor: AquaFlorya Shopping Centre Management

Project: Outdoor LED Display: 63 sqm & Indoor LED Displays

Execution company: Intetra



Production area





Certificate of constancy of performance

Number: 1304-CPR-0040 A1 Project file: C20181220

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Product: VARIABLE MESSAGE SIGNS - VMS
Discontinuous VMS based on LED light sources

Type reference: Model 1: P20; Type: Intetra SMD Full colour VMS; 20 mm
Model 2: P25; Type: Intetra SMD Full colour VMS; 25 mm

Trademark:

Manufacturer: Intetra Elektronik Sanayi ve Ticaret A.Ş.
Birlik Organize Sanayi Bölgesi 4.sok. No:1 Tuzla
34953 İstanbul, Turkey
Place of manufacture, Intetra Elektronik Sanayi ve Ticaret A.Ş. (27736-27736)
Inspection file number:

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the

Standard: EN 12966-1 :2005 + A1 :2009

under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to ensure the constancy of performance of the construction product.

Test report: T223-0269/18

Notified body: SIQ Ljubljana
Tržaška cesta 2, SI-1000 Ljubljana, Slovenia

Identification number: 1304

This certificate was first issued on 2018-11-21 and will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in place of manufacture are modified significantly, unless suspended or withdrawn by the notified body.

Date: 2018-12-07 Authorized signature: Bojan Pečavar

Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

SIQ Ljubljana, Tržaška cesta 2, SI-1000 Ljubljana, Slovenia
T +386 1 4778 100, F +386 1 4778 444, info@siq.si, www.siq.si



Certificate of constancy of performance

Number: 1304-CPR-0038 A1 Project file: C20183359

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Product: VARIABLE MESSAGE SIGNS - VMS
Discontinuous VMS based on LED light sources

Type reference: Model: Intetra VMS SMD Full colour VMS; 31,25 mm

Trademark:

Manufacturer: Intetra Elektronik Sanayi ve Ticaret A.Ş.
Birlik Organize Sanayi Bölgesi 4.sok. No:1 Tuzla
34953 İstanbul, Turkey
Place of manufacture, Intetra Elektronik Sanayi ve Ticaret A.Ş. (27736-27736)
Inspection file number:

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the

Standard: EN 12966-1:2005 + A1:2009

under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to ensure the constancy of performance of the construction product.

Test report: T223-0176/17

Notified body: SIQ Ljubljana
Tržaška cesta 2, SI-1000 Ljubljana, Slovenia

Identification number: 1304

This certificate was first issued on 2018-12-06 and will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in place of manufacture are modified significantly, unless suspended or withdrawn by the notified body.

Date: 2018-12-06 Authorized signature: Bojan Pečavar

Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

SIQ Ljubljana, Tržaška cesta 2, SI-1000 Ljubljana, Slovenia
T +386 1 4778 100, F +386 1 4778 444, info@siq.si, www.siq.si

ISO 9001 : 2015



Registration Certificate

This is to certify that
The Quality Management Systems
of

İNTETRA ELEKTRONİK SANAYİ VE TİCARET A.Ş.

Carried out at following site:

**Aydınlı Birlik Organize Sanayi Bölgesi 4. Sokak,
No:1 Tuzla / İstanbul/Türkiye**

for their

**QUALITY MANAGEMENT SYSTEM
ISO 9001:2015**

Scope of Activities covered by this Registration:

Design, Development, Manufacturing, Marketing, Sale and Installation of Intelligent Transportation Solutions, Electric and Electronic Traffic Signs and Equipments , Variable Message Signs, Indoor and outdoor led screen, variable message sign warning trailer and All Kind of Display Solutions.

(Akıllı Ulaşım Çözümleri, Elektrik ve Elektronik Trafik İşaret ve Ekipmanları ,Değişken Mesaj İşaretleri, İç ve dış mekan led ekran, Mobil değişken mesaj işaretli römork ile Her Türlü Görüntü Çözümlerinin Tasarımı, Üretim, Satış ve Montajı.)

CERTIFICATE NO. : IAS/QMS/D1703

ISSUED ON : 08/07/2019

VALIDITY DATE : 07/07/2022

1ST SURVEILLANCE DUE ON: 08/06/2020

2ND SURVEILLANCE DUE ON: 08/06/2021

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IT'S ONLY VALID AFTER SUCCESSFUL SURVEILLANCE WITH CONTINUATION LETTER ISSUED BY CCPL

TO VERIFY THIS CERTIFICATE STATUS PLEASE VISIT AT <http://ccpl.carecertification.com>

AUTHORISED BY

CHAIRMAN / DIRECTOR

CARE CERTIFICATION PRIVATE LIMITED

THIS IS SINGLE-SITE CERTIFICATION

WWW.CARECERTIFICATION.COM

Address : KEMP HOUSE, 160 CITY ROAD,
LONDON, EC1V2NX, UNITED KINGDOM

THE CERTIFICATE REMAINS THE PROPERTY OF CCPL AS PER CERTIFICATION AUDIT CONTRACT



CCPL is accredited by International Accreditation Service (IAS) United States of America

ISO 14001 : 2015



Registration Certificate

This is to certify that
The Management Systems of

İNTETRA ELEKTRONİK SANAYİ VE TİCARET A.Ş.

Carried out at following site:

**Aydınlı Birlik Organize Sanayi Bölgesi 4. Sokak,
No:1 Tuzla / İstanbul/Türkiye**

for their

**ENVIRONMENTAL MANAGEMENT SYSTEM
ISO 14001:2015**

Scope of Activities covered by this Registration:

Design, Development, Manufacturing, Marketing, Sale and Installation of Intelligent Transportation Solutions, Electric and Electronic Traffic Signs and Equipments , Variable Message Signs, Indoor and outdoor led screen, variable message sign warning trailer and All Kind of Display Solutions.

(Akıllı Ulaşım Çözümleri, Elektrik ve Elektronik Trafik İşaret ve Ekipmanları ,Değişken Mesaj İşaretleri, İç ve dış mekan led ekran, Mobil değişken mesaj işaretli römork ile Her Türlü Görüntü Çözümlerinin Tasarımı, Üretim, Satış ve Montajı.)

CERTIFICATE NO. : IAS/EMS/D1104

ISSUED ON : 08/07/2019

VALIDITY DATE : 07/07/2022

1ST SURVEILLANCE DUE ON: 08/06/2020

2ND SURVEILLANCE DUE ON: 08/06/2021

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IT'S ONLY VALID AFTER SUCCESSFUL SURVEILLANCE WITH CONTINUATION LETTER ISSUED BY CCPL

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Registration Certificate

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The Management Systems of

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Carried out at following site:

**Aydınlı Birlik Organize Sanayi Bölgesi 4. Sokak, No:1 Tuzla /
İstanbul/Türkiye**

for their

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS

ISO 45001:2018

Scope of Activities covered by this Registration:

**Design, Development, Manufacturing, Marketing, Sale and Installation of
Intelligent Transportation Solutions, Electric and Electronic Traffic Signs and
Equipments, Variable Message Signs, Indoor and outdoor led screen, variable
message sign warning trailer and All Kind of Display Solutions.**

**(Akıllı Ulaşım Çözümleri, Elektrik ve Elektronik Trafik İşaret ve Ekipmanları ,Değişken Mesaj
İşaretleri, İç ve dış mekan led ekran, Mobil değişken mesaj işaretli römork ile Her Türlü
Görüntü Çözümlerinin Tasarımı, Üretim, Satış ve Montajı.)**

CERTIFICATE NO. : IAS/OH&S/D1028

ISSUED ON : 10/04/2019

1ST SURVEILLANCE DUE ON: 10/03/2020

VALIDITY DATE : 09/04/2022

2ND SURVEILLANCE DUE ON: 10/03/2021

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR
BEFORE ABOVE MENTIONED DATES AND IT'S ONLY VALID AFTER SUCCESSFUL
SURVEILLANCE WITH CONTINUATION LETTER ISSUED BY CCPL

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CCPL is accredited by International Accreditation Service (IAS) United States of America



Certificate of Registration

(Information Security Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Information Security Management System of

İNTETRA ELEKTRONİK SANAYİ VE TİCARET A.Ş.

Aydınlı Birlik Organize Sanayi Bölgesi 4. Sokak, No:1 Tuzla/ İstanbul/Türkiye

Has been found to be of the Information Security Management System Standard

ISO/IEC 27001:2013

This certificate is valid for the following product or service range

**Akıllı Ulaşım Çözümleri, Elektrik ve Elektronik Trafik İşaret ve Ekipmanları ,Değişken Mesaj
İşaretleri, İç ve dış mekan led ekran, Mobil değişken mesaj işaretli römork ile Her Türlü
Görüntü Çözümlerinin Tasarımı, Üretim, Satış ve Montajı.**

SOA, Version: 1.0; dated: 19.01.2019

Certificate Number: **INT/1904IL/0303**

Initial Date of Certification: **12.04.2019**

Date of Certificate: **12.04.2019**

Date of Expiry: **11.04.2022**

Director:

Date: **12.04.2019**

1st Surv. Due on: **11.03.2020**

2nd Surv. Due on: **11.03.2021**



The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP

A-27/H, Sector-16, Noida-201301, U.P., India

www.qfscerts.com

email: admin@qfscerts.com

This Certificate remains the property of QFS



SERTİFİKA

LSCERT BELGELENDİRME LTD. ŞTİ.

Bu belge ile aşağıda detayları verilen kuruluşun;

İNTETRA ELEKTRONİK SANAYİ VE TİCARET A.Ş.

Aydınlı Birlik Organize Sanayi Bölgesi 4. Sokak, No:1 Tuzla / İstanbul/Türkiye

ISO 10002: 2018

Şartlarına uygun bir İş Sağlığı ve Güvenliği Yönetim Sistemine aşağıda belirtilen kapsam dahilinde sahip olduğunu onaylar.

Akıllı Ulaşım Çözümleri, Elektrik ve Elektronik Trafik İşaret ve Ekipmanları ,Değişken Mesaj İşaretleri, İç ve dış mekan led ekran, Mobil değişken mesaj işaretli römork ile Her Türlü Görüntü Çözümlerinin Tasarımı, Üretim, Satış ve Montajı.
Design, Development, Manufacturing, Marketing, Sale and Installation of Intelligent Transportation Solutions, Electric and Electronic Traffic Signs and Equipments , Variable Message Signs, Indoor and outdoor led screen, variable message sign warning trailer and All Kind of Display Solutions.

Sertifika No	: LS0719002
Sertifika İlk Yayın Tarihi	: 08.07.2019
Sertifika Yenileme Tarihi	: -
Sertifika Geçerlilik Tarihi	: 07.07.2022

Genel Müdür



Bu sertifika LSCERT Belgelendirme kurallarına uyulması ve her yıl yapılacak gözetim denetimlerinin başarılı bir şekilde tamamlanması durumunda, ilk yayın tarihinden itibaren üç yıl süreyle geçerlidir.
LSCERT BELGELENDİRME LTD. ŞTİ.
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Web: www.lscert.com.tr