



**SRDI** SA

Your Airport Partner & Multi services consulting

## SRDI presentation

Référence: SRDI/GEN/PRES-3

Version 1.3 / JMD

2013

### COMPANY PROFILE

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### CONSULTANCY & AUDIT & OPERATION

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## I Introduction

### I.1 Generality

SRDI is a consultancy company specialized in aviation security projects, ground handling security projects, perimeter security and other specific jobs for airports, in the fields of transport infrastructure and equipments, particularly specialized in 100% hold baggage (HBS), cabin luggage and passengers screening systems for airports, CCTV, cargo ACC3, Master plan, traffic projection,...

SRDI, created by its Managing Director Mr Jean Marc Demoulin, has over 12 years of experience in its particular business fields, and has been active in more than 100 projects all over the world (Europe, Asia, Middle East, and South America) with its former company GTSA.

#### France

Beauvais  
Brest  
Lille  
Lyon (n°3)  
Montpellier  
Nice (n°2)

#### Italy

Bergamo  
Catania  
Milano  
Palermo  
Rimini

#### Greece

Thessaloniki  
Heraklion  
Rodhos  
Corfu  
Kos  
Zakinthos

#### Cyprus

Larnaka  
Paphos

#### Georgia

Tbilissi

#### Bulgaria

Dobrich

#### Russia

Ufa  
Kaliningrad  
Irkutsk

#### Turkey

10 airports for  
GE-Invision  
under the  
supervision of  
DHMI and CA  
(Mr. Topaz)

#### TURLMENISTAN

Full Master  
plan for the  
new Ashgabat  
airport

#### Malaysia

Kuala Lumpur  
Kota Kinabalu  
Kutching  
Penang  
Langkawi



#### Ukraine

Kiev  
Odessa  
Donetsk

#### China

Guangzhou

#### AFRICA

Kigali- Rwanda  
Nairobi-Kenya  
Lusaka- Zambia,  
Angola (GECI),  
Other projects  
confidential

#### Indonesia

27 Airports

SRDI SA has been the exclusive security partner for AIRBUS-EADS to develop a new generation of Baggage's concept.



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SRDI SA participates to concession tender for the security part in the consortium for:

Beauvais (FR),

Charleroi BE,

Madagascar 8 airports to install, operate the entire security to reach the standard of ICAO and ECAC in security for 15 years. (winner stopped by the putsch).

## I.2 Services provided by SRDI

SRDI provides services related to the following fields of activities:

- Airport security:

Hold baggage screening (HBS) systems;

Passenger and cabin luggage screening systems;

Cargo screening systems;

Security solutions for fences and critical perimeter around the airfield (ICAO, EU and ECAC certified solutions);

Access control & CCTV;

Administrative to follow the National Civil Aviation Security plan, quality control, training plan for airport operation.

- Assistance to the airport designer or operators for :

New airport terminals,

Extension or renovation of airport terminals

Cargo terminals,

Traffic Projection, Airlines analysis, etc.

**In terms of coordination between the building and the security and immigration needed**

For the fields of activities mentioned here above, SRDI proposes services related to "**Consultancy**" but also **training** and **preparation for operation** of the proposed systems.

**Operation** can also be organized with local company trained by us or directly managed by us.



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SRDI services include:

- Analysis on site and audits to verify the compliance of an existing system to the international standards.
- Writing of airport security measures and procedures, related to airport security such as security perimeters, access control to secured zones, passenger flow controls, security systems (Hold baggage screening, Passengers and cabin luggage Screening), etc.;
- Design, and follow up of the installation of the solutions proposed.

*Remark: this can include the use of simulation to check the “real performances” of a system.*

- Testing and coaching for operators, Maintenance and system operators, to check and improve their efficiency.

**Conform** to the **latest regulations in force** and adapted to the capacity of the airport;

## II Legislations

SRDI security solutions are always conform to the international legislation in force from ICAO, IATA and ECAC, EU norms, UEMOA, CEDEAO, SADC, such as :

- Annexes 17, 14, ... of ICAO, Security manual, we are AVSEC – PMC ICAO the highest level in airport security from ICAO.
- Document 30 from ECAC,
- European Regulations 185/2010 and annexes, 300/2008 (ex 2320), 2013/246, 272/2009, 1448/2006, 820/2008, etc. ) and all their published and unpublished annexes included LAG with ELDS



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### **III Security solutions**

The main security solutions provided by our company SRDI are the hold baggage screening solutions, cabin luggage screening solutions and passenger screening solutions, which can be provided together or separately or in a global new generation concept.

Whatever the solution proposed may be, SRDI “designs” are always adapted to the requirements of its clients and conform to the legislations in force (whether international and national).

Each type of security solution can be proposed separately but SRDI can propose its solutions as a global proposal including every security aspect at the airport (HBS, passengers and cabin luggage screening, staff screening, access controls (inside and outside), CCTV, fences, etc.).

Moreover, for each of these fields of activities, SRDI can propose:

- Consultancy services;
- Organization for operating services
- Member of consortium or sub-contractor of one member.

#### **III.1 Hold baggage screening solutions**

Therefore, in order to improve the international aviation safety and security against the terrorism, SRDI proposes solutions, conform to international standards, to screen every departing luggage prior to be loaded in an aircraft engaged in any civil aviation flights, through an automatic hold baggage screening (HBS) system, including the implementation and or modification of baggage handling system (BHS) in an airport.



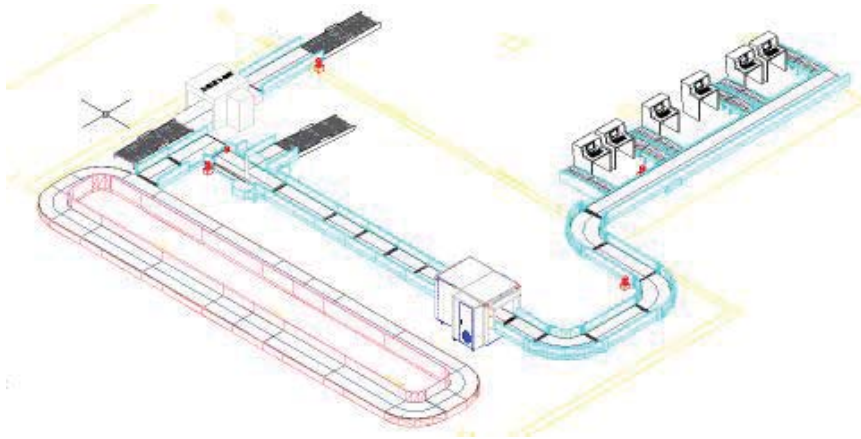


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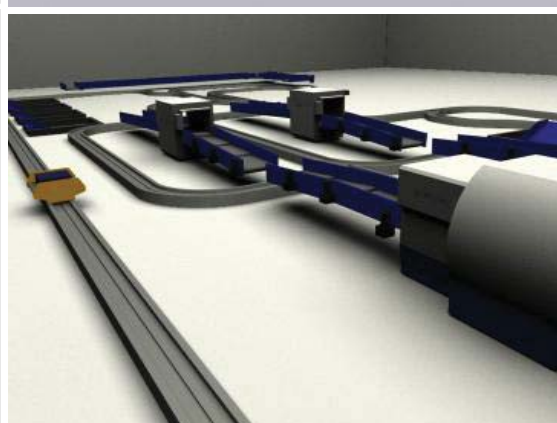
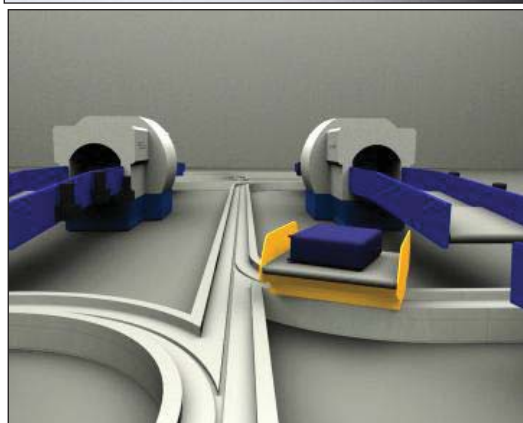
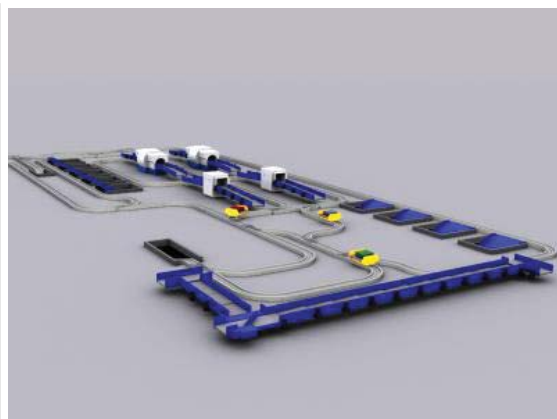
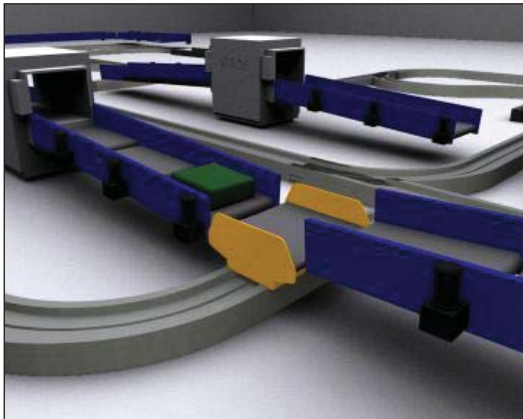
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## III.1.1 SRDI solution design

*Multilevel Hold Baggage Screening Systems*



*Presentation of a HBS system using DCV technology to convoy the luggage from one point to another.*





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## III.2 Cabin luggage and passengers screening solutions

Our company SRDI can provide solutions for cabin luggage screening and passengers screening process.



## III.3 Other security solutions

SRDI SA proposes other security solution related to :

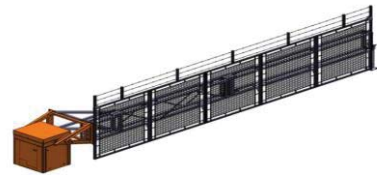
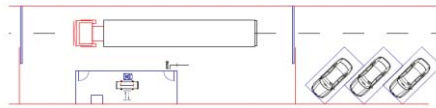
- Security perimeters (fences around critical area);
- Access control to critical zones;
- Passenger flow controls;
- CCTV systems and anti-intrusion system





### III.4 Some equipments installed with training for operators

Perimeter:



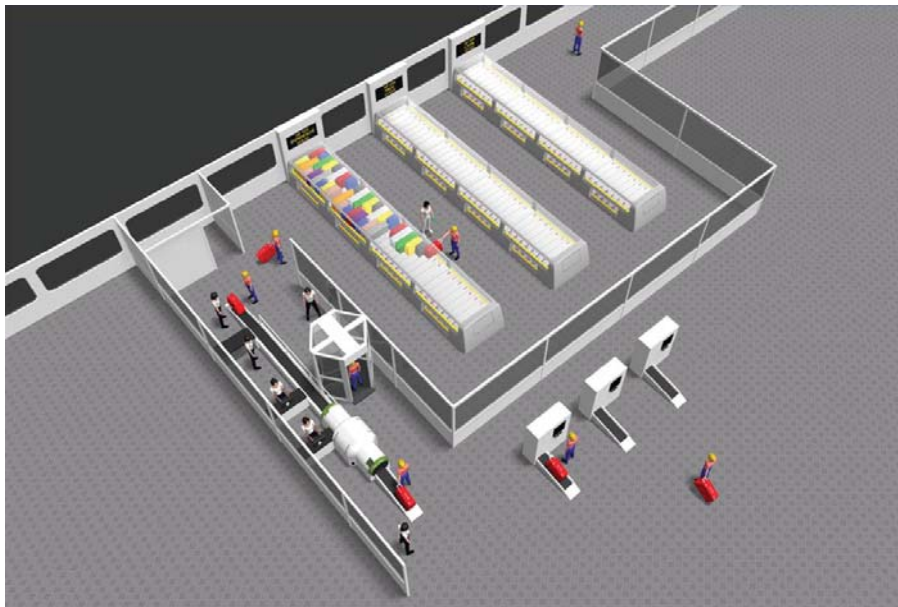
Patrol and dog control:



Passenger and cargo control:



### III.5 Special check point





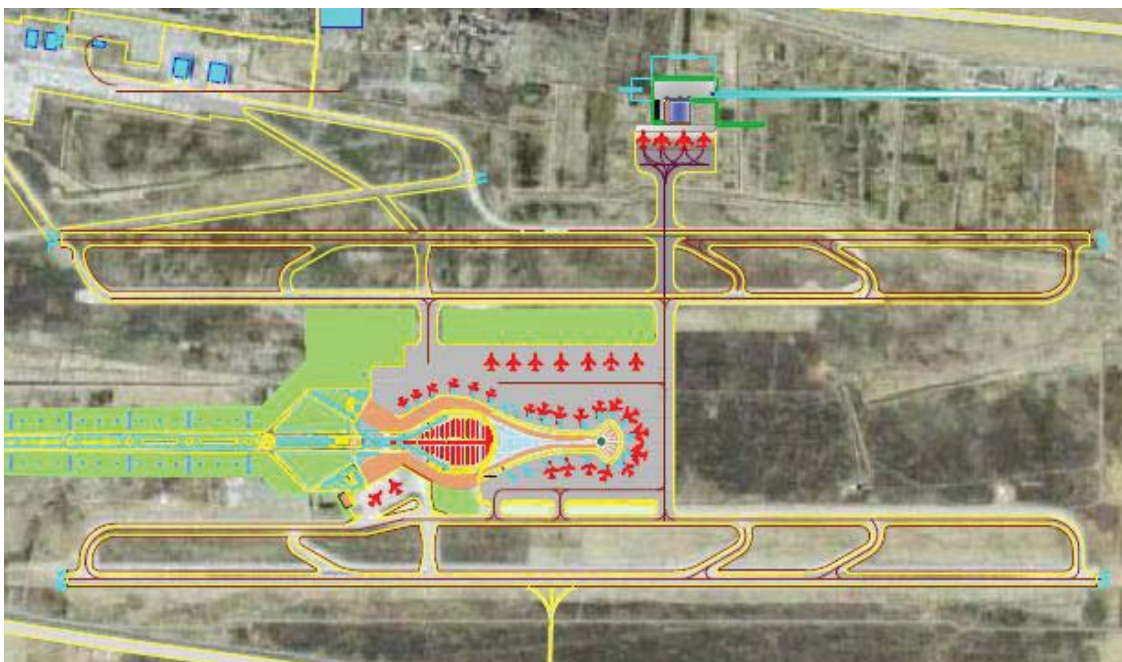
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## IV Engineering solutions

SRDI proposes engineering solutions for airport rehabilitation, airport infrastructure extension (terminal extension, runway extension, master plan design, etc.), including construction and equipments installations, such as :

- Installation of BRS (baggage reconciliation Systems) ,
- PBB (Passengers boarding bridge)
- Lighting system
- Airfield signs
- FIDS
- ILS (instrument landing system )
- DCS (departure control system)
- UPS,
- Electrical equipments, ...

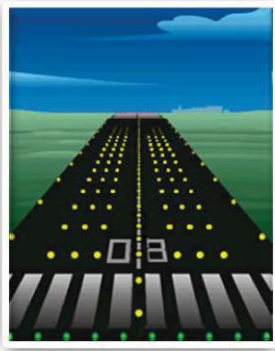




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- and other electromechanical equipments
- Apron and runway extension,



- Terminal construction;



- Cargo



Etc.





## **V Training and operating**

### **V.1 Training of the operators**

SRDI can provide the appropriate training to the operator that will use the implemented system. These training programs are ICAO certified training and based on E-learning sessions and traditional lessons.

### **V.2 Training for Maintenance**

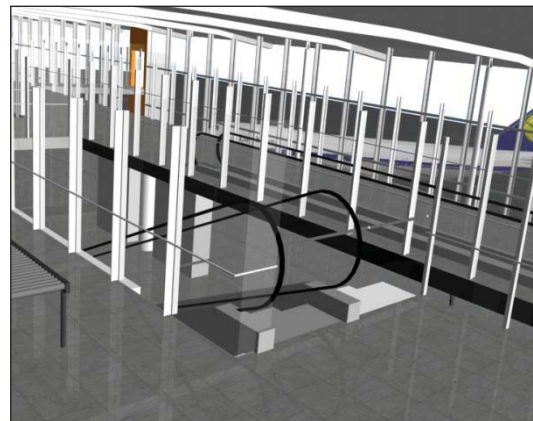
SRDI can provide the appropriate training for maintenance of the different equipment comprised in the proposed solutions, including screening equipments, baggage handling equipment and automation of the system.

## **VI Schengen – Non Schengen solutions (For EU)**

### **VI.1 Terminal Schengen – non Schengen**

SRDI can provide design of solutions to conform your passengers' terminal to the Schengen Acquis requirements.

SRDI can ensure the follow-up of the works to conform your passengers' terminal to the Schengen Acquis requirements.





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## **VII Heliport and helicopter spare parts**

### **VII.1 Heliport**

SRDI can provide design of new Heliport fully equipped included VIP terminal, approach system with lighting, etc.

### **VII.2 Spare parts**

SRDI can buy and sell spare parts for helicopter like Airbus Helicopter, Agusta, and also jet aviation (Falcon).

This included also the organization for technical training for maintenance, pilot recurrent or base training.

