AIRPORT SOLUTIONS

Driving change through innovation

indracompany.com

THE CONFIDENCE OF A GREAT COMPANY

AS A LEADING IT AND DEFENSE SYSTEMS COMPANY, INDRA HAS A UNIQUE MIX OF TECHNOLOGICAL AND BUSINESS SKILLS TO SUCCESSFULLY UNDERTAKE ANY AIRPORT'S NEED
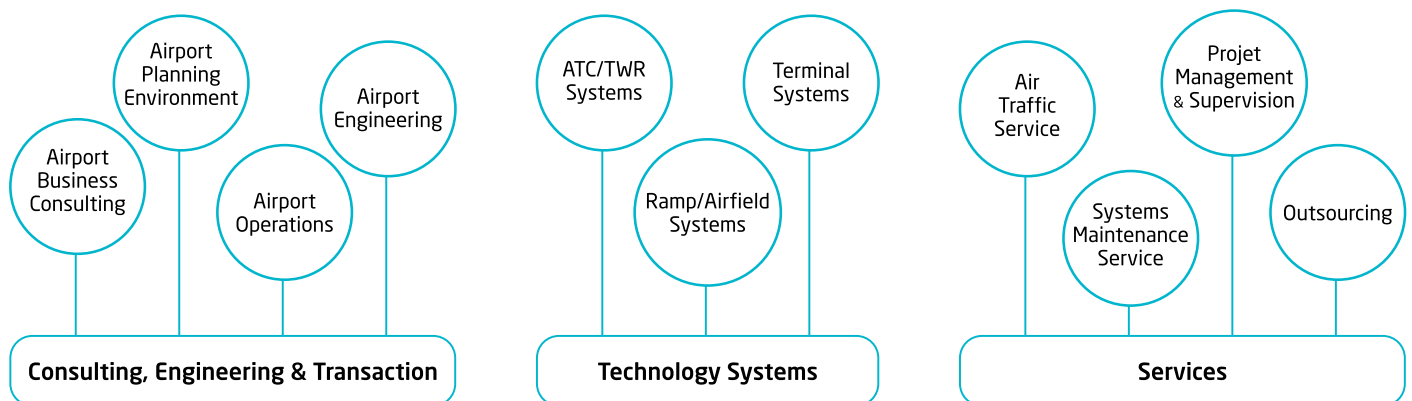

For decades, Indra has provided ATM and airport systems worldwide. We have developed, tested and refined a suite of airport IT products and solutions that are scalable to meet the requirements of airports of all scope and size ranges.
Indra solutions comply with all aeronautical authority and regulatory agency requirements.

Our main costumers are airports construction companies, airports concessionaires and airports managers.
We count on exhaustive experience and products to undertake any air traffic or airport management program, combining a proven international management approach with a track record of serious and reliable project executions.

Indra offers a complete array of products and services, ranging from systems integration to an IT Airport Systems Suite and tailor made solutions, covering all project phases from initial definition to in-service support.
Our products have the capacity to adapt to air transport evolution and general market optimizing initial airport investments and operational efficiency.

INDRA OFFERS A FULL SPECTRUM OF SERVICES AND SOLUTIONS TO SUPPORT AIRPORTS...

Airport Planning Environment

Airport Engineering

Airport Business Consulting

Airport Operations

Consulting, Engineering & Transaction

ATC/TWR Systems

Terminal Systems

Ramp/Airfield Systems

Technology Systems

Air Traffic Service

Projet Management & Supervision

Systems Maintenance Service
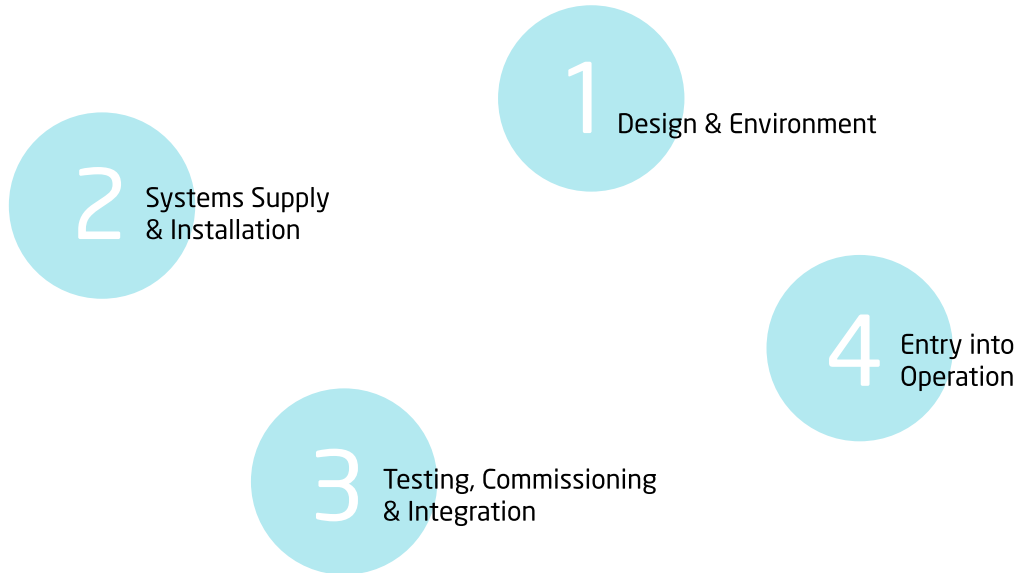
Outsourcing

Services

Airport Turn-key Solution

Indra delivers the whole package of terminal systems: from design to delivery including managing suppliers, stakeholders and risks while ensuring quality and operational alignment.

The solution is delivered as a commodity; the systems are left ready to turn the key on to become operational.

A turn key approach is specially recommended in a complex environment where local resources and capacities are not readily available.
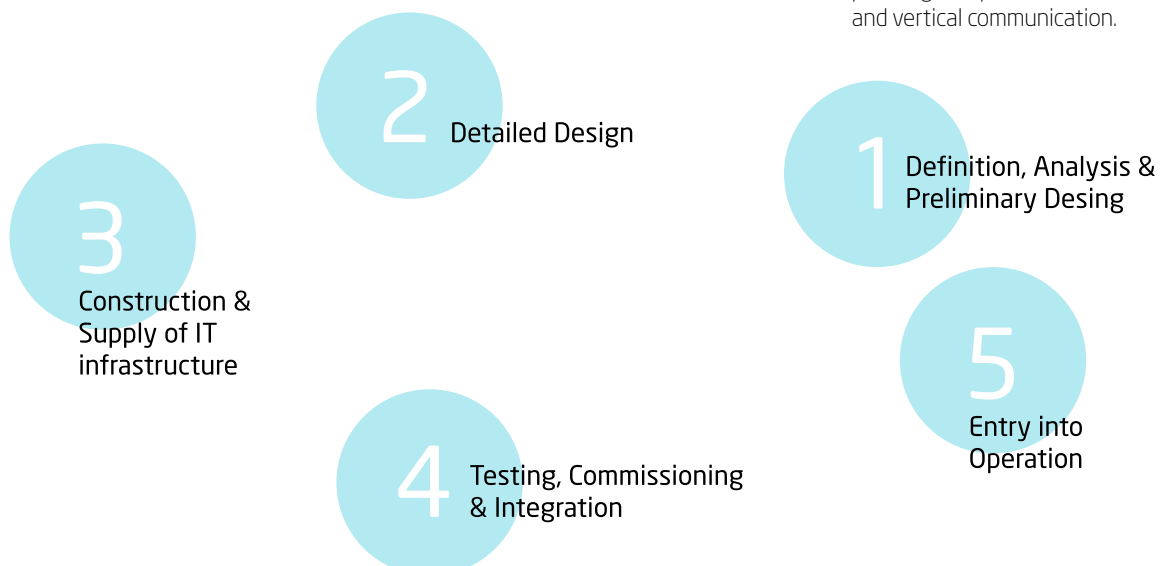A turn key solution avoids the situation where each supplier ensures only its product.

1 Design & Environment

2 Systems Supply & Installation

4 Entry into Operation

3 Testing, Commissioning & Integration

"INDRA IS A GLOBAL INTEGRATOR WITH THE CAPABILITY TO DEPLOY TURN KEY PROJECTS"

Airport Management Centers Solution

An Airport Management Centre (AMC) provides a coordinated management of the airport processes and associated IT systems while enhancing the quality and the efficiency of the airport services, all from a unique location in real-time.

We offer stakeholders IT systems integration coordination, project management tasks, equipment provision, operational testing, consultancy, IT systems integration and commissioning of AMC.

Indra's Airport Management Center achieves the centralization of airport operations management and has the ability to manage crisis with the relevant information and the concerned stakeholders.
An AMC improves hub operations and passenger experience as well as horizontal and vertical communication.

2 Detailed Design

1 Definition, Analysis & Preliminary Desing

3 Construction & Supply of IT infrastructure

5 Entry into Operation

4 Testing, Commissioning & Integration

Consulting	ALG
Engineering	Prointec
TWR ASMGCS	NOVA
AIM AMHS	AviSuite MHS AIS TIMS
Automation	AirCon
Navaids	NORMARC-ILS GBAS DVOR DME
Surveillance	PSR MSSR SMR ADSB MLAT WAM
VCCS	GAREX

ALG TRANSPORTATION INFRAESTRUCTURE & LOGISTICS

Indra Navia AS

prointec

Avitech
an indra *company*

INNOVATION IS INDRA'S BUSINESS FOUNDATION, THE CORE OF ITS SUSTAINABILITY AS A COMPANY AND THE KEY TO THE DIFFERENTIATION OF ITS SOLUTIONS AND SERVICES OFFERING.

Indra suite of airports systems is called INairport. Our suite is based on five systems: In**PLAN**, In**SIGHT**, In**BASE**, In**WATCH** and In**USE**.

• In**PLAN** is our Airport Collaborative Decision Making system (A-CDM). This system counts on an information sharing platform which integrates all available data, operations plans as well as departure sequences.
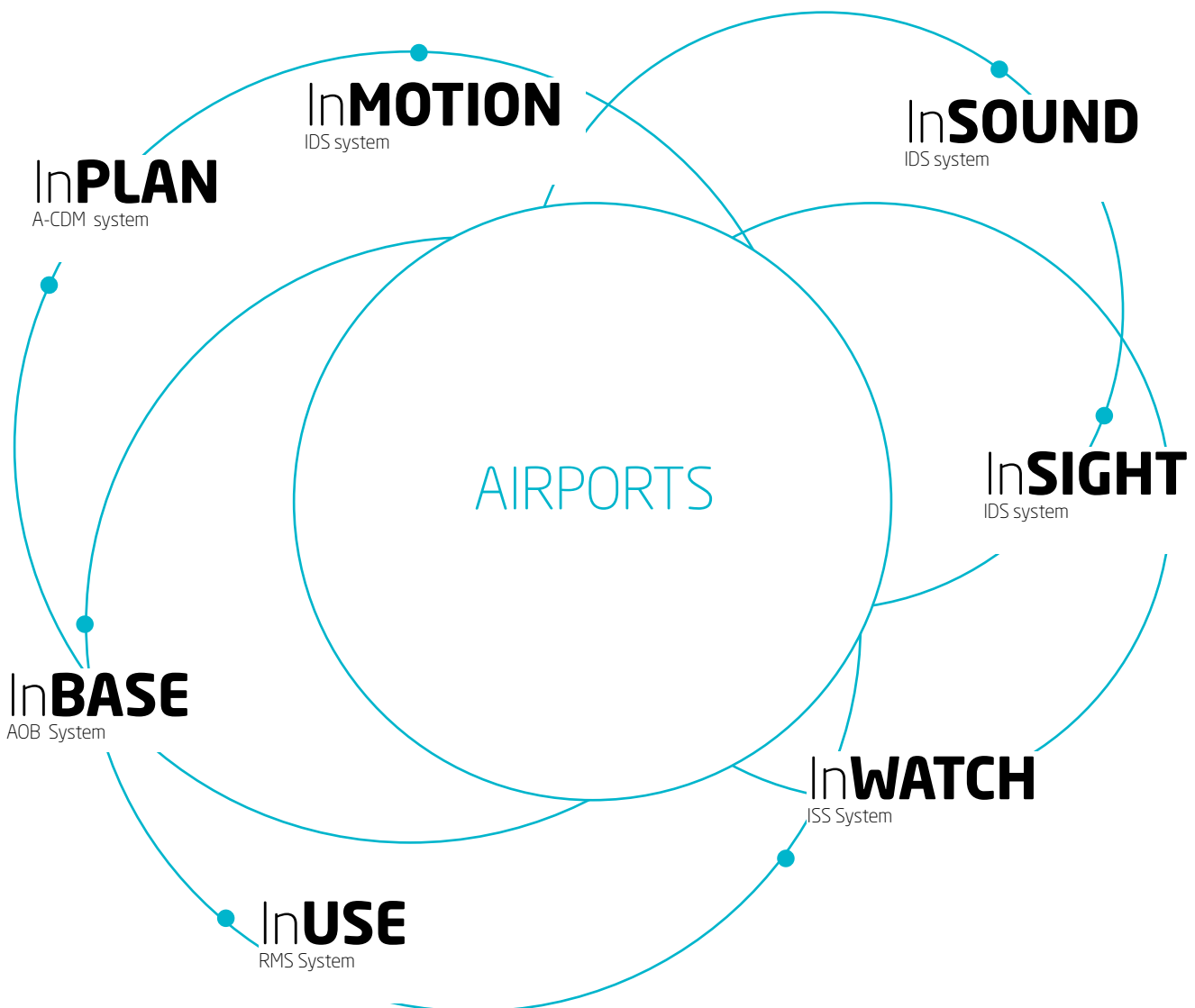
• In**SIGHT**, In**MOTION** and In**SOUND** are three modules of the Information Display System (IDS). The purpose of the system is to communicate essential information to the airport end users by means of displays (In**SIGHT**), loudspeakers (In**SOUND**) and mobile devices (In**MOTION**).

• In**BASE** is Indra's Airport Operational DataBase (AODB) which is the "core" of the airport operations management and allows managing operations from one or several points using a unique integrated network system.

• In**WATCH** is our Integrated Security System (ISS) which provides security and operations surveillance coverage through video recording cameras and intelligent surveillance systems.

• In**USE** is Indra's Resource Management System (RMS). Its purpose is to ease the task of resource allocation in complex environments, where conflict detection and resource management optimization becomes difficult.

INDRA SOLUTIONS FOR AIRPORTS

In**MOTION**
IDS system

In**SOUND**
IDS system

In**PLAN**
A-CDM system

AIRPORTS

In**SIGHT**
IDS system

In**BASE**
AOB System

In**WATCH**
ISS System

In**USE**
RMS System

WE OFFER THE TECHNOLOGY THAT MAKES IT POSSIBLE TO
CARRY OUT TRANSPORT IN ANY PART OF THE WORLD,
IN A SUSTAINABLE MANNER

Airports

+1,200

Countries

+140

Experience

+30 years

References

+3,000

indra