



GTIE Air & Défense

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Company profile

www.gtie-airdefense.fr

VINCI – Four Major Business Lines

The world leader in concessions, construction and related services.

VINCI has leading positions in the following business lines:





VINCI – Four Major Business Lines



Road and motorway infrastructure

Car parks

Airport services

Stade de France



Industry

Services

Energy

Telecommunications



Roads & highways

Life environment

Supply

Services



Building

Civil engineering

Specialised civil engineering

Hydraulic engineering

Services



GTIE Air&Défense

VINCI ENERGIES

4.614 billion of €
Turnover

33,000
Employees

800
Subsidiaries

21
Countries

142 millions of €
Net income

(2008 Data)





VINCI ENERGIES - Four Major Activities

Infrastructure : power transmission and transformation, urban lighting, traffic lights, transport infrastructure. (22% of Turn Over)

Industry : power distribution, command-control, air conditioning, fire protection, insulation, maintenance. (34% of Turn Over)

Service sector : power supply networks, air conditioning, fire protection, building automation systems, maintenance. (32% of Turn Over)

Telecommunications : telecommunications infrastructure, Voice-Data-Image communications, Security Systems.
(12% of Turn Over)





GTIE Air&Défense

GTIE Air & Défense

GTIE Air & Défense is the Department of VINCI ENERGIES specialist of :

- > Engineering & Installation of Site Security Systems,
- > Engineering & Installation of Air Traffic Management Systems,
- > Integration & installation of Tactical Communications Systems,
- > Installation of Secured networks : LAN, Radio, etc ...

Dedicated for Sensitive Customers (Military, Aeronautic, O&G industries, etc..)

For France and Export Markets



Defence Activity

Engineering and Integration of Communications systems in cabinets, shelters or sensitive environments

- > VCS, NAVAIDS, MUX, Power supply,
- > All types of Network : copper, optic, radio, satellite, etc ...
- > Radio and telephone Communications (HF, V/UHF - ATM, Ethernet (VoIP))
- > Radar System + Air Cond, Power Supply, UPS, etc ...





Defence Activity

- Installation, Commissioning of Communication systems :
 - > Defence strategic sites,
 - > Air / Ground / Naval Control and Command Centre,
 - > Air bases (Tower, mast, technical room, center),
 - > Radio / Radar remote control stations.





Defence Activity

Site Security Systems :

Engineering, Integration, Installation and Commissioning of turnkey projects including :

- > Physical protection (fences, Concertina, etc..)
- > Access Control
- > Anti-Intrusion System (Doppler, infrared, etc..)
- > CCTV

For sensitive areas (as Military sites, airports, O&G industries, etc ...)





Air Traffic Management On-site activities

- Outdoor installation, wiring and connection of:
 - > Nav aids : ILS, VOR, DME
 - > Radio equipment:
 1. Transmitters, receivers (HF, VHF / UHF, microwave),
 2. Cabinet, shelter (turnkey integration and/or installation),
 3. Masts, Antennae. Radar base.
 - > Radar equipment
 - > Communication networks
 - MAN, LAN, WAN, etc ...





Air Traffic Management On-site activities

- Indoor installation, wiring and connection of:
 - > ATM & Military systems,
 - > Voice and data Recorders, PABX,
 - > Weather systems.
- Supply, wiring, installation and connection of
 - > Power switchboard (Low Voltage and DC power supply),
 - > UPS, Genset, Rectifier, charger (24 V DC or 48 V DC),
 - > Electrical switching unit.





Air Traffic Control Activity

- Manufacturing, Installation, wiring and connection of :
 - > Operator Control Positions,
 - > Supervision Control Positions,
 - > Technical Positions.

- Manufacturing of :
 - > Bracket/ arm for flat screens,
 - > Push to talk footswitch,
 - > Handset, mike and headset panels.





GTIE Air & Défense's Ressources

GTIE Air & Defense is able to provide design, installation and commissioning of complete systems thanks to its :

- Engineering Teams (mechanical, electrical, design, integration, EMC knowledges)
- In-house facilities (1400 M² of workshop for cabinets / shelters wiring + Labs)
- Field Services Teams for installation & commissioning





GTIE Air & Défense in short

GTIE Air & Défense, it is :

- > More than 300 Engineers, and technicians, dedicated to the Sensitive Activities,
- > A strong presence in France and all over the World,
- > An Organisation capable to propose the appropriate solution for Engineering, Integration, Installation, Commissioning and Services for the Systems in Operation.





Some references :

- Aéroports De Paris (ADP)
- Service de la Navigation Aérienne (SNA)
- Direction Technique et Innovation (DTI)
- SNECMA Services,
- SNECMA Moteurs
- HISPANO SUIZA
- SAFRAN
- SAGEM Défense Sécurité
- EADS TELECOMS,
- EUROCOPTER
- DASSAULT AVIATION
- THALES ATM
- THALES COMMUNICATIONS
- THALES RAYTHEON SYSTEMS
- THALES AIR SYSTEMS
- DGA / SIO
- DGA / CEB
- DGA / CEPR
- DGA : Centre d'Expertise et d'Essais
- DGA / ECS
- D.I.R.I.S.I
- M.O.S.S.
- Génie de Versailles
- Ministère de la Recherche
- Ministère de l'Économie, des Finance et de l'Industrie
- AREVA
- ALSTOM



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