



JADE Telecom

Engineering, Consulting, Assistance for Project Owners in Telecommunications

OUR TRADE :

JADE Telecom is an engineering company in *high technologies* born of the meeting and the pooling of complementary competencies in the field of *international telecommunications*.

JADE Telecom offers customized services, based on the right understanding of each customer's context.

Focused on the quality of our services, our intention is to establish long term relations with our customers.

OUR POSITIONNING :

JADE Telecom operates in the area of *Telecom infrastructures*, particularly in an international context: new Infrastructures, changes, extensions or updates of current infrastructures.

On one hand, **JADE Telecom** 's customers are *Telecom Operators* and *Companies* in the fields of:

- ◆ Telecommunications,
- ◆ Broadcasting,
- ◆ Industry,
- ◆ Services,...

On the other hand, *Local Institutions* or *Small and Medium Companies* which need specific technical assistance in the field of telecommunications.





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OUR SERVICE FILEDS OF ACTIVITIES :

◆ STUDIES AND ENGINEERING SERVICES :

- ◆ Design, architecture, configurations,
- ◆ preliminary studies prior to deployment and operating phases, technical and organizational recommendations for network administration,
- ◆ writing of administrative files (licenses, regulation authorities relationship).

◆ DEPLOYMENT AND SETTING UP SERVICES:

- ◆ site surveys,
- ◆ project management deployment,
- ◆ turn up and test,
- ◆ end to end system validation.

◆ CALL FOR TENDERS MANAGEMENT SERVICES :

- ◆ Writing of Functional Requirement Specifications up to the call for tender,
- ◆ Assistance for tenderers consultation
- ◆ Choice of suppliers,
- ◆ Compliancy validation.

◆ ASSITANCE FOR PROJECT OWNERS :

- ◆ Project management,
- ◆ Launch and control of work completion,
- ◆ Providers and suppliers steering,
- ◆ Logistics follow up,
- ◆ reporting, writing of administrative files (licenses).

◆ EXPLOITATION SERVICES (SUPERVISION / MAINTENANCE) :

- ◆ 24/24 NOC services,
- ◆ monitoring, network management,
- ◆ exploitation of systems combining technologies (terrestrial and satellite),
- ◆ corrective and preventive maintenances.



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OUR TECHNOLOGY FIELDS OF COMPETENCIES :

Transmission Infrastructures : satellite, radio, terrestrial

- ◆ Satellite networks (VSAT, earth station engineering, end to end satellite networks),
- ◆ Wireless Local Loop (WiMAX),
- ◆ Cellular Telephony Networks (GSM, TDMA,...),
- ◆ Broadcasting Networks, Analog and Digital TV,
- ◆ Digital Terrestrial Television (DTT).

Voice and Data Networks:

- ◆ IP Networks, VPN, VoIP, LAN and WAN interconnections, Wireless Local Networks (WLAN), Metropolitan Networks (MAN).

Maintenance and Administration Systems:

- ◆ Network Administration Tools, Quality of Service, Security.

OUR KNOW-HOW :

JADE Telecom offers the best Quality of Service relying on 4 main items:

- ◆ A specific analyse methodology and context understanding, ensuring the most suitable technical and organizational recommendations.
- ◆ The services customisation.
- ◆ A large network of high skill technical competencies based on a strong and long-term partnership.
- ◆ A recognized know-how in the fields of engineering, implementation and operating of multi-technology based networks.





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SOME REFERENCES :



Concerned about health effects produced by mobile phone base stations, the City of Montluçon has adopted **JADE Telecom's** methodology of studies and communication. Thus, the City of Montluçon entrusted to **JADE Telecom**:

- ◆ **The realization of a radiations cartography** covering the whole of the city, followed by an analysis of these radiations on significant sites (schools, hospital...).
- ◆ **The drafting of synthesis documentations** concerning electromagnetic radiations (current standards, research related to health effects...).
- ◆ **The supply of a portable measuring tool**, in order to measure the real intensity of the background radiations (GSM, UMTS, WiFi...), as well as the **training** of the city employees to use this tool themselves.
- ◆ **The participation in various meetings** presenting to its citizens the methodology adopted by the City.

For a Satellite Service Operator

In the framework of the fast development of its activity, this operator has an important need of assistance for deploying satellite earth stations. **JADE Telecom** ensures :

- ◆ **The relationships with ARCEP** (French Telecom Regulation Authority) for the validation of a new teleport implantation site.
- ◆ **The drafting and the instruction of requests for authorization to transmit** (APS4 - ITU and ARCEP notice forms) for new satellite links.
- ◆ **Various engineering studies** concerning design, supplying, and setting up of satellite earth stations.
- ◆ **Various studies concerning Teleport engineering.**



JADE Telecom staff having designed, set up and operated **IXcom** 's Teleport in Montpellier, **IXcom** entrusted to **JADE Telecom** various tasks of **maintenance and updates on equipment and configurations.**



Commissioned by a mobile telephony operator in Africa, **Sofrecom** ensures a mission of a GSM network engineering and optimization. Searching competences in this field in order to supplement its own teams, **Sofrecom** entrusted to **JADE Telecom** a **delegation of personnel services**, Engineers highly qualified and experienced in engineering and optimization of radio transmissions networks.

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