



INTERACTIVE CommTech DEVELOPMENT S.A.

INNOVATIVE NETWORKING SOLUTIONS

Interactive CommTech Development

Projects

Interactive CommTech Development managed to build its own telecommunication networks, by starting a few projects which involved fiber optic support:

- Olimp - Neptun - Mangalia telecommunication network
- Neptun - Costinesti - North/South Eforie telecommunication network
- Constanta Harbor - South Harbor Agigea telecommunication network
- Bucharest - Bucharest Baneasa telecommunication network
- Bucharest telecommunication network: telecommunication nodes: Metav, Alecu

Russo etc

- The project for a telecommunication network in Timisoara which will offer the possibility of interconnection with other telecommunication providers from Ungaria and Yugoslavia

Please read about one of our reference applications in more detail. We present you the Intercommunication Voice/Data System from Neptun-Olimp Area:

NEPTUN-OLIMP Independent Telecommunication System

Short Introduction

The Neptun-Olimp project begun in 1996 and since 1998, the communication system has been fully operational. Traffic is controlled by a digital telephone exchange Harris MAP 20-20 (from the Harris/Teltronics 20-20 family), together with the afferent equipment. The 20-20 digital telephone exchange is connected to the national telecommunication network (Romtelecom). The local area connection uses fiber optics (HOTELS) and telephone cable. This way, we can provide simple, fast and secured access to the internet from anywhere in the system. There is only one E1 span bidirectional to the external telecommunication network. This way, we are able to fully register the traffic and send the beneficiary complete and detailed billing reports. The telephone calls are free for all subscribers of the local system communication. The system permits the connection with

any number of new users and direct phone number allocation. We configured this telecommunication system with a wide range of specific hotel applications, according to local needs.

Implemented Hotel Applications:

- IVR InfoCenter
- Vocal message box
- Direct local/long distance/international calls from the room
- Automatic Wake-Up
- Check-in/Check-out
- Message Waiting
- Room Status
- Call Back
- Conference
- Detailed Billing Reports
- Group Hunt

Benefits:

The benefits of such a telecommunication system depend on the high flexibility of the communication system infrastructure. The system is designed to allow users (guests, visitors, employees, suppliers, etc) to receive highly secured telecommunication services. The system also provides a constant, real-time communication between groups of employees and supports VOIP services. It has the possibility of accomodating new technologies and service offerings. The Neptun-Olimp communication system also incorporates an InfoCenter service which allows users fast and convenient access to useful information about the Neptun-Olimp Area. The private telecommunication network has extended ever since. There is a fifty kilometer fiber optic highway that reaches Constanta harbor with a second communication node that allows an important traffic control of Romanian coast.