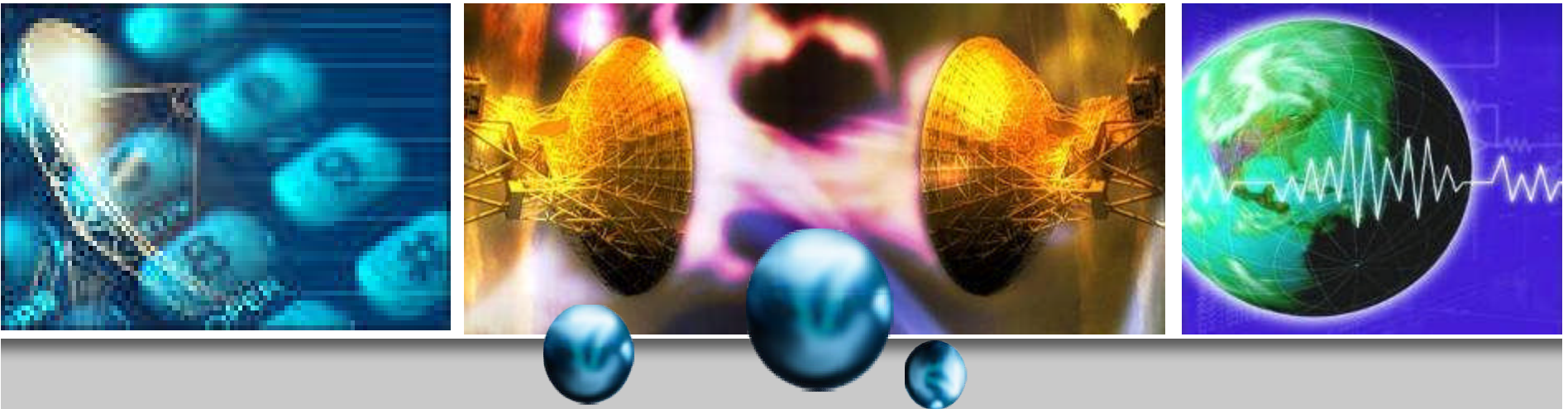


Partner for Sophisticated Electronic Repair



Telecommunication & VSAT



Repair Services for Telecommunication Infrastructure

- **Microwave Radios - Indoor Units (IDU)/Outdoor Units(ODU)**

- Siemens: P-COM, STI, MXL, SRAL, STM
- Siae Microelectronics: SM
- Ericsson: Minilink C & E
- Harris: Quadralink, Microstar
- DMC: XP4, Eclipse
- Nokia: CMI, DMR
- NEC: Pasolink
- NERA
- Alcatel
- Witlink
- Fresnel
- Sierra Com
- Siemens LMDS Radio
- SAF Tehnika

- **BTS**

- Motorola Incell / Mcell BTS (GSM TxRx)
- Ericsson BTS RBS 2202/Micro BTS RBS 2302
- Lucent BTS (GSM TxRx)
- Nortel BTS (GSM TxRx)



- **Repeaters**

- Allgon
- Katherine
- Subex
- Avitec
- Shyam
- Mikom
- JAS
- MTI
- Kisan

- **Modems**

- PCOM
- Glaynnare
- Ascom

- **SMPS/Rectifiers/Power Supplies**

- Ascom
- Lambda
- Delta
- Convertronics
- Eltek Energy
- Gammatronics
- Power-One
- Lorraine
- Dama
- Invensys





Repair Services for Telecommunication Infrastructure (VSAT)

- **CODAN'S RANGE OF :**
 - Up – Down Converters (C/XC/Ku Band)
 - Solid State Power Amplifiers (SSPA)
 - Power Supplies
 - Redundancy Controller
 - BUC (C/Ku Band)
- **GILAT'S RANGE OF :**
 - Skystar IDU
 - Skystar Extended C-Band ODUs
 - Faraway IDUs/ODUs
 - Power Supplies
- **SIERRA COM'S RANGE OF:**
 - IDUs/ODUs
- **ANACOM'S RANGE OF:**
 - Transreceivers (5/10/16/40 W)
 - SSPA 80W
- **AGILIES' RANGE OF:**
 - IDUs / ODUs / SSPAs
- **NEC'S RANGE OF :**
 - ODUs
 - BOD/Data IDUs
 - SCPC Modem
- **RADYNE'S RANGE OF:**
 - Satellite Modems
- **BELCOM'S RANGE OF:**
 - RFT 5W
- **EF DATA'S RANGE OF:**
 - SSPA 20/40 W
- **HUGHES' RANGE OF:**
 - Tigris C/XC Band 1/2W ODUs
 - Okemo C/XC/Ku Band IDUs
 - Ku Band 1/2 W ODUs
 - Tres Modem 70/185 MHz
- **VERTEX' RANGE OF:**
 - SSPA 100 W





Repair Services for Media Industry

Television & Radio Broadcast System

- **SCIENTIFIC ATLANTA'S RANGE OF:**
 - Modems/Encoders/Decoders
- **SCOPUS' RANGE OF:**
 - Modems/Encoders/Decoders
- **TANDBERG'S RANGE OF:**
 - Encoders/Decoders
- **ADVENT'S RANGE OF:**
 - C & L Band AUCs
 - Encoders/Decoders
- **TELOS' RANGE OF:**
 - Desktop Director
- **BROADCAST MIXER:**
 - Audio Arts
- **MIXER CONSOLE:**
 - Yamaha
- **AUDIO ROUTERs:**
 - Tascam
- **TRANSMITTER/EXCITERs:**
 - Harris
 - IBE
- **A TO D CONVERTERS:**
 - Soniflex
- **CODECs:**
 - Team
 - Musicam
 - Harris
 - Telos
 - Kodak
 - AEQ
 - Zypher
 - Comrex
- **MODEM s:**
 - Radyne
 - Loop Telecom
- **RADIOs:**
 - Fresnel
 - Harris
 - Airspan





Technologies Implemented

- **Embedded programming using Micro-controllers**
- **Complex Programmable Logic Devices (CPLD)**
- **Field Programmable Gate Arrays (FPGAs)**
- **GSM/GPRS technologies**





OEM Representation

- **Codan Australia certified Service Centre for Codan's range of VSAT products since June 2006 for India & neighboring countries.**
- **Codan Australia certified Service Centre for Codan's range of HF products since April 2008.**
- **SAF Tehnika, Latvia certified Service Centre for SAF's range of Microwave Radios since July 2008.**





Reverse Engineering

- **Mass Memory Unit of HUDWAC**
- **Mass Memory Unit of ESM**
- **Program Loader of HUDWAC**
- **Memory Unit of TFCS of SSKs**
- **Subex Repeater Redesign**
- **Harris ODU**
- **SRAL DC-DC Redesign**
- **Replacement device for DRCU/SCU**
- **SM RF/IF Units**
- **Re-engineering of Block Up/Down Converter with KMIC**

