

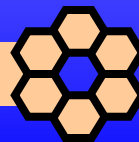
*i*NTELLICOM TECHNOLOGIES

Corporate Overview



11/18/2005

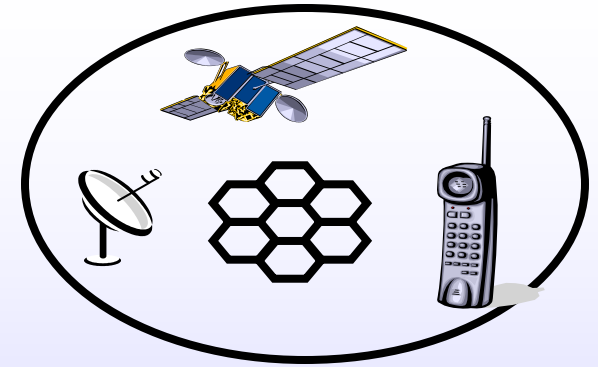
*i*NTELLICOM



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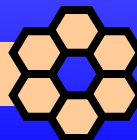


iNTELLICOM



iNTELLICOM provides customized engineering and engineering management services and products to the wireless and satellite communications industry. ***iNTELLICOM*** will:

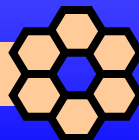
- Provide services across program stages from architecture, through development, verification, and deployment.
- Perform targeted analysis, development, and produce products in selected technologies.
- Integrate our capabilities with those of best-in-class partners to provide an effective team.



Experience Base

Our team members have experience in many world class military and commercial programs and have worked in large and small companies including:

- Iridium
- Teledesic
- Spaceway
- MSAT
- Milsatcom
- NORAD DEW Line
- VSAT
- TDRSS
- LMDS, MMDS
- BMS
- Motorola
- Hughes
- Skynet
- Cyberstar
- Radyne
- ComStream
- Fairchild
- Telesat
- Nortel
- Harmonic Data
- TV/Com
- US Air Force
- Loral
- Litton
- Varian
- Titan
- Harris
- AdvancedTech
- Vistar
- MPR
- Com Dev
- Cisco



CAPABILITIES



- **Satellite Communications**

- Transportable, fixed and mobile
- Voice, Data, Broadcasting
- C, Ku, Ka, and X Bands
- Commercial, and military strategic / tactical

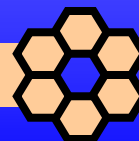


- **LMDS, MMDS, Cellular**

- Mobile GSM Cell Site
- Site evaluation
- RF equipment
- DOCSIS, QAM, COFDM
- 802.11, 2.4 & 5.8 GHz



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CAPABILITIES

SYSTEMS ENGINEERING

Architecture, system concept, specification development, analysis, modeling, requirements tracing and management solutions.
Expertise in Network Management, RF, modulation, coding, transmission, networking, internet protocols, access schemes, environmental.

MANAGEMENT

Project Management, project plan development, costing, schedule management, supplier selection/oversight, negotiations, task definition, staff selection and management.
Business development, proposal development, market research.

MODEM DEVELOPMENT

BPSK, QPSK, QAM, turbo code, viterbi, convolutional, firmware development, 2.4 GHz ISM, GSM/GPRS, GFS, DSP PLL, carrier synchronization, DVB Modem, variable rate filters, communications DSP algorithm design/evaluation, ASIC, FPGA, RFIC design, VHDL, rapid product development programs, prototype-to-production transition phase, R.F. and digital circuit design/debug, performance models and simulations, interference analysis, channel models

RF DEVICES (1-45 GHz)

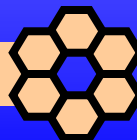
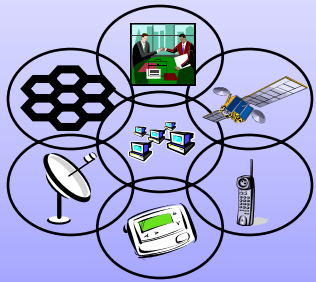
1-45 GHz, MMICs, Hybrid Amplifiers, ISO 9001:2000 and SAE AS9100A certified , High power amplifiers, Low noise Amplifiers, Internet Radio, Transceivers, RF Transmitters, RF Receivers, RF Electronics, Digital RF Control, Diplexers, Airborne electronics, Space electronics, System Level Packaging, Chip Scale Packaging, High Density Packaging, Power Packaging, Surface mount assemblies, Printed Wire Board, Integrated Passives, Microwave, Thermal Management

VERIFICATION

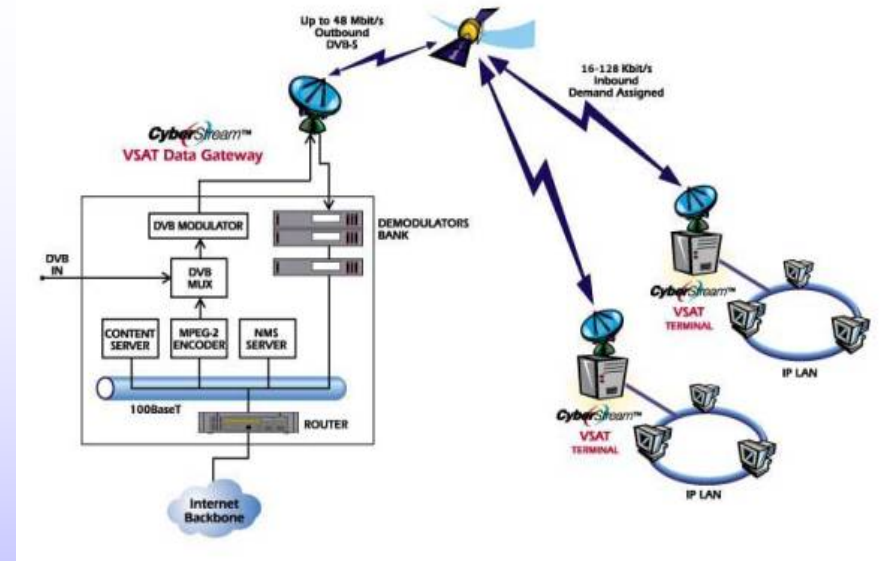
Formal requirements analysis, tracing, requirements management (Requisite Pro, Doors, RDD), scheduling
Formal test program strategy/master plan, phase planning, test plan, procedures development, test execution, reporting,
Root cause analysis, defect reporting.
Task management, staff selection/management.
System test, RF, data protocols, network management, environmental/qualification, EMI/EMC, UL, CE

INTEGRATION, INSTALLATION

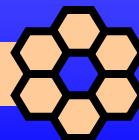
Integration/assembly of custom systems, test
Installation of satellite terminals ranging from 1 m to 9.0 m, wireless antenna sites, mobile systems/rapid deploy for video, voice, data
Deployments in North and South America, Europe, and Asia.



Systems Engineering

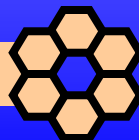


- Architecture and Definition
- System Analysis, Design, Trade Studies
- Requirements Definition, System Specification
- Supplier Evaluation and Oversight



Management

- Program/Project Management
- Planning, Compliance Monitoring, and Reporting
- Coordination among multiple suppliers
- Feasibility Assessments
- Acquisition Support
- System life-cycle implementation plan
- Financial analysis, cost/benefit analysis
- Transition plans
- Continuity, contingency, disaster recovery planning



Digital/Modem Capabilities

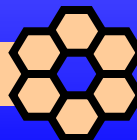
- DSP Design Services
- Extensive experience in Systems Design, DSP Algorithms, Communication Systems, Radar, Satellite, Mobile, Software Defined Radios, Rapid
- Prototyping, Fast Digital Filters, Multi-Rate Filters, Embedded Systems, and Video applications.
- Services include System Design and Analysis, Waveform Design and Analysis, DSP
- Algorithm Development, Implementation Studies, Design to Cost Considerations, Board
- Design, FPGA Design, Embedded DSP Software Design, Digital Sub-System
- Integration, and RF Systems Integration. The company also analyzes and troubleshoots existing systems.

Tools

- Xilinx ISE Logic Design
- Xilinx System Generator
- ModelSim HDL Simulation
- Synplify FPGA Synthesis
- MathWorks MATLAB

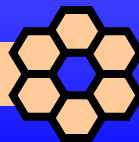
Platforms

- Nallatech FPGA Development Platforms
- GVA FPGA Development Platforms
- TI code Composer Studio DSP/BIOS
- TI C5000/C6000 Development Platforms
- TI C5416/C6711 DSK Development



System Integration, Design Verification/Test

- **Assure performance and interoperability through testing, analysis, and integration**
- **Coordination among multiple suppliers, service providers, technologies**
- **Independent test and verifications of custom developed systems**
- **Develop test strategies, test plans, test cases**
- **Find and fix problems before they become production or field problems**
- **“Root Cause Analysis”, “Development of fixes/patches”**
- **Functional, load, stress, performance, regression testing**
- **Environmental qualification**
- **Standards development**



Installation and Deployment

- Develop deployment strategies, plans, test cases
- Troubleshooting, service testing, training
- Work with suppliers and service providers
- Achieve success on-time, in-budget
- Leverage partnership with **Leading Technology Providers**

