

# BusinessCom | Internet via Satellite

PROFESSIONAL BROADBAND SOLUTIONS WORLDWIDE



## INTRODUCTION TO BUSINESSCOM

Having access to an extensive fleet of satellites, BusinessCom Internet via Satellite is one of the world's most flexible and competitive satellite data and voice connectivity providers. With satellite coverage now stretching from America to the Pacific our core business is to serve users for broadband Internet access, integrated business network solutions and turn-key projects.

BusinessCom's success is founded on offering users the most advanced satellite connectivity solutions available with a true vendor independence, on developing a convenient way of individual relationship with the customer, on maintaining standards of high technical excellence and responsibility and on pursuing the constant market research and learning of the new technologies that open the satellite market to an even broader range of users. A key component of this strength lies in the skills of the men and women who work at BusinessCom. This expertise brings a strong understanding of international and local markets and creates a rich corporate environment.

Innovation lies at the heart of BusinessCom growth story. Our success is associated with a commitment to technologies and standards that lower the barrier to entry for users and drive down equipment costs. BusinessCom was one of the first Satellite Internet Service Providers to deliver the Deterministic TDMA technology to the Eastern Hemisphere markets which is now a globally accepted reference for stable and reliable corporate Internet access service.

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BusinessCom's strength is built on top of the solid partnership established with world's leading satellite industry innovators. Geographic expansion is an important focus for our growth in order to serve users who have requirements for intercontinental or regional communications. With technical excellence and customer needs at the centre of our development and growth strategy, we are committed to providing capacity and building partnerships for new applications and services, particularly in the market for Internet services.

By drawing on our skills in interactive networks engineering we have introduced new Internet services together with a network of partners. These services include fully satellite-based connectivity solutions for companies and local communities based on DVB/RCS and iDirect Infiniti platforms that deliver content to the local network at very high speed. For Global Service Providers BusinessCom delivers dedicated bandwidth circuits at competitive rates and on the teleports with Tier-1 European and American Internet connectivity serviced by skilled and certified Internetworking professional teams. With access to multiple teleports across Europe we offer our Clients Value for Money Connectivity Solutions. From a 64 kbit/s shared Internet Connection to 155 mbit/s dedicated Backbone Connectivity and moving on to Star and Meshed topology for specialized WAN solutions.

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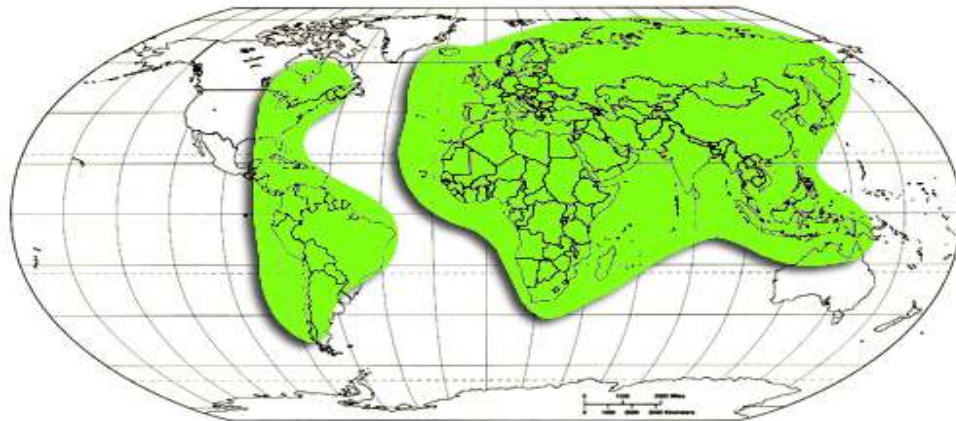
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## BUSINESSCOM FLEET

With capacity commercialized on an extensive spacecraft fleet in an orbital arc from West to East, BusinessCom's market presence now stretches from United States right through to the Pacific. In addition to high-power Ku-band capacity, we offer C-Band capacity throughout all the Africa, Asia, CIS and Middle East countries.

BusinessCom offers the full range of Internet access services on the following Ku and C-Band carriers:

- Loral Skynet Telstar-10 and Telstar-12
- SES NewSkies NSS-6, NSS-7 and SES AMERICOM AMC-12 (NSS-10)
- Eutelsat Eurobird-III, W3A and W6
- Intelsat IS-1002, IS-907, including IS-4, IS-10, IS-1R (former PanAmSat)
- Gascom Yamal-200 #1 and #2, Lockheed Martin Intersputnik LMI-1
- Arabsat BADR 4, 2B and 2C
- RSCC Express AM-22 and AM-1



BusinessCom combined satellite coverage as of March 2007



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## HOW BUSINESSCOM CAN SERVE YOU?

### >> **Shared Satellite Connectivity: BusinessCom PEP-accelerated LinkStar and iDirect Services**

Based on worldwide known ViaSat DVB/RCS platform, BusinessCom LinkStar service is a broadband satellite Internet connectivity solution for Residential Customers and Commercial Enterprises with a wide choice of service packages for all generic types of subscribers – from DTH to Internet Café, Government and Military representatives.

Targeted at Commercial Enterprises, Multimedia networks and Regional Internet Service Providers, BusinessCom iDirect services, in conjunction with BusinessCom PEP Acceleration Gateway and BusinessCom TES-1000 Bandwidth Management server is an ideal solution for establishing a Wireless Internet Service Provider or Hot Spot business, satisfying Rural Telecommunications demands, starting an Internet café or building a Corporate WAN. Featuring extended amount of dedicated CIR bandwidth, flexible service package choice and a strong SLA, BusinessCom iDirect services perform far ahead the competition.

### >> **Dedicated Satellite Connectivity: DVB, DVB-S2, SCPC and Frame Relay Services, Satellite Transit Services**

BusinessCom Dedicated Circuits, by utilizing the world's latest innovations, are able to reach one of the best spectral efficiency benchmarks and thus the best price per bit for the customer, being Voice and Data carriers, Regional Internet Service Providers or corporate backbones.

### >> **Turn-key Backbone Connectivity Solutions**

For Global Service Providers and established Voice and Data carriers with multi-megabit demands and requirements to increased reliability, BusinessCom offers complete turn-key connectivity solutions on an end-to-end basis, with proposals covering everything from the CPE and including civil works, freight, transport to site, customs duties and clearance, equipment pre staging and testing, installation, licensing and complete on-site maintenance worldwide throughout all the operational period with Guaranteed 72 hours Mean Time To Repair and Regional Support Centers.

### >> **Private Network Solutions (VNO)**

Satellite Service Providers and VSAT Value Added Resellers can easily start their own Private Networks with BusinessCom to increase their revenue and obtain the full flexibility of technical and administrative control over their subscriber base. BusinessCom offers the complete range of PNO and VNO services on a number of strategically placed teleports in Europe which offer outstanding terrestrial fiber optic backbone connectivity, collocation opportunities, a wide VSAT platform choice and broad satellite coverage.

### >> **VoIP Telephony Solutions**

As one of the primary value-add to our main service – the satellite connectivity, BusinessCom offers Telephony Solutions to provide the end customers with call termination to worldwide PSTN, DID services, PBX and billing solutions with peering through world's leading networks such as MCI® and TeleGlobe.

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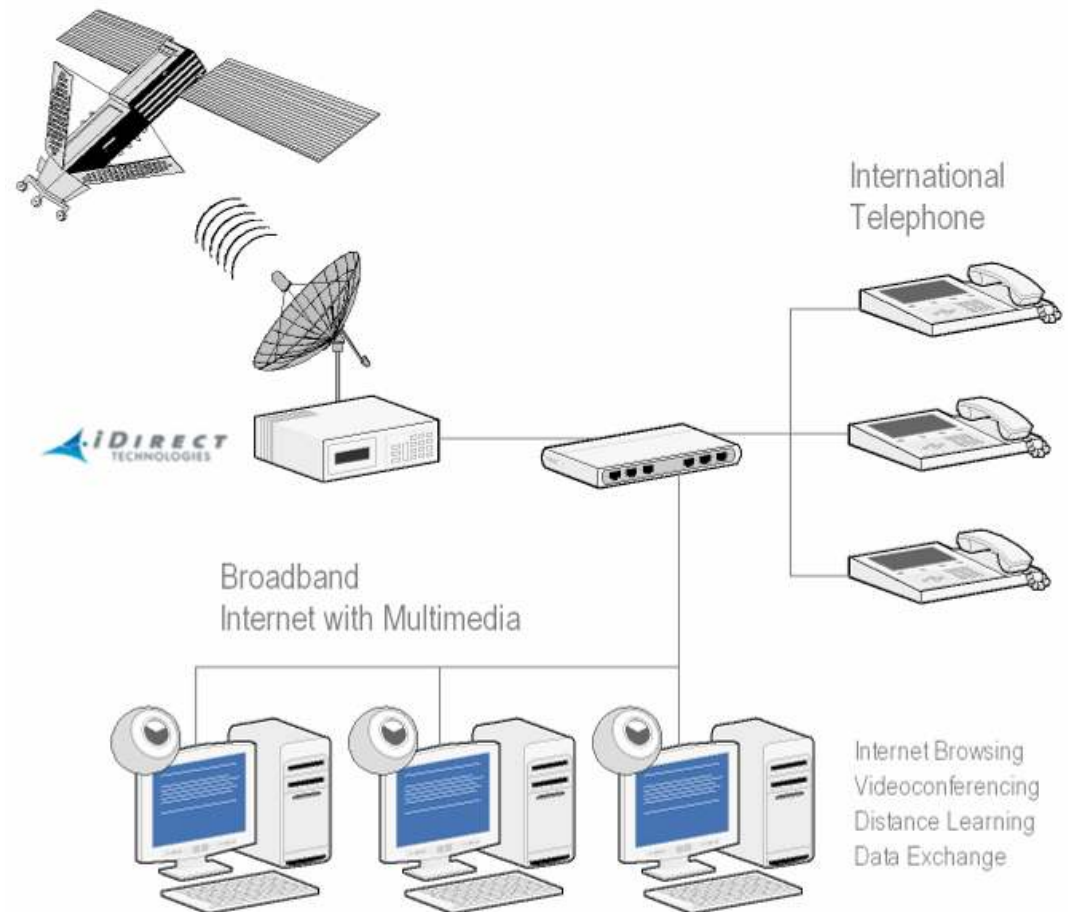
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## IDIRECT SERVICES

// Business-Quality Voice, Video and Data Everywhere in the World.



- >> By understanding the today's demands of Enterprise Networking, BusinessCom has introduced an iDirect-enabled service which can effectively handle Voice, Video and Data at the same time to enable our subscribers to use multimedia rich applications and Internet access with a guaranteed business quality 24 hours per day.
- >> Providing 98.2% annual network uptime and more, BusinessCom's iDirect-enabled service is designed to serve Commercial Enterprise networks of any scale – from a small network to many thousands of computers with multiple Voice over IP lines per site.

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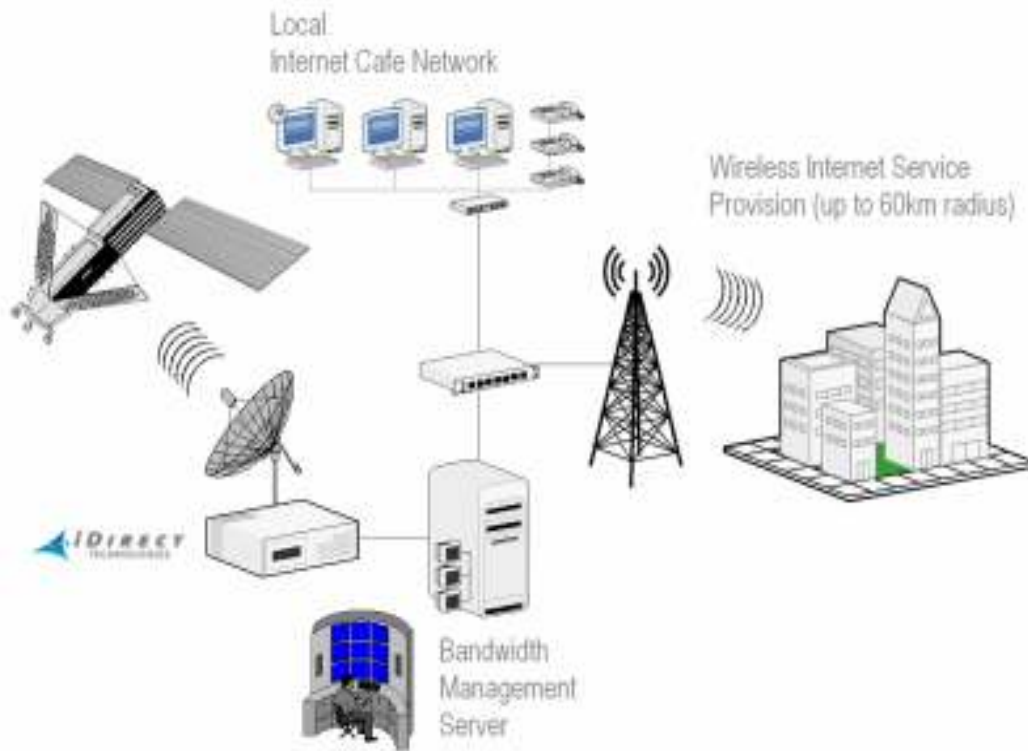
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## SOLUTIONS FOR PROVIDERS

// Backbones for new and established Internet Service Provision Businesses

## Innovation and Reliability



>> For Global Internet Service Providers and IT entrepreneurs, BusinessCom offers exclusive satellite solutions to unfold Regional and Global ISP Networks at any point in the world, with very high spectral efficiency. By employing the latest innovations such as DVB-S2 technology and LDPC codecs, BusinessCom Dedicated Satellite Connectivity services are reaching the very near of Shannon limit. That allows us to deliver truly the best price and performance possible.

>> If you are just starting, BusinessCom has developed a flexible ISP startup scenario based on BusinessCom PEP-iDirect VSAT connectivity solution enabling to start an ISP with a small neighborhood network and minimal investment. For example, a full-featured ISP network can be started on the top of the current Internet Café or Enterprise infrastructures. Adding BusinessCom Telephony service and a 3<sup>rd</sup> party IPTV vendor enable you to offer Triple Play services to such rural networks anywhere in the world.

>> For the large Global Service Providers, BusinessCom facilitates direct contracts with major satellite teleports around the world. We do our job to find the best possible offer for your business. We evaluate and provide the best offer not only by it's price which may be misleading, but the SLA conditions, terrestrial peering and, more important – such underwater stones as spacecraft health, technological reliability, migration and growth nuances.

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## WIDE AREA NETWORKING SOLUTIONS

// Connect your branches into a single satellite network.



## ELIMINATING THE DIGITAL DIVIDE

- >> Satellite Wide Area Networking has emerged as the leader in broadband technologies. Large companies choose satellite WAN technology wherever their employees and customers are located. With a single Satellite Service Provider, fewer points of failure than a terrestrial alternative, uniform service levels, rapid deployment and a simple yet effective solution, satellites enable to achieve the most cost-effective solution for all your connectivity requirements. Distances are no longer a problem.
- >> BusinessCom's Satellite WAN solutions are featuring advanced star/mesh topology network configuration with a single satellite hop between your offices. Such a configuration enables our customers to establish business quality site-to-site Voice over IP and Videoconferencing connections between the remote locations with the minimal delay and highest quality possible. With such a concept, each site can be enabled to have a complete broadband Internet access if required, with no additional hardware at the remote site.

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## TELEPHONY SOLUTIONS

### // Voice over IP over MCI®, WaveCrest and TeleGlobe Networks

BusinessCom is proud to introduce a Premium Quality Voice over IP solution to the world. Since we have selected MCI® as our primary International Voice Traffic Carrier, the service delivers a crystal clear sound with lowest transit latency and very high redundancy. MCI® owns, operates, monitors and maintains one of the largest communications networks in the world. MCI® network facilities are scattered throughout North America, Latin America, Europe, Africa, and the Asia-Pacific region, in more than 140 countries and over 2,800 cities.

The 98,000-mile fiber optic network is designed to support the largest array of data communications and voice products in the world. MCI owns the world's farthest reaching global network (based on company-owned POPs), and spans more than 4,500 Points of Presence (POPs) throughout the world, with 2.2 million global dial modems and high-capacity connections to more than 102,000 active buildings. The global IP network can circle the globe more than four times. Additionally, MCI remains the most connected Internet backbone provider with the greatest number of Autonomous System network connections. The company's expansive IP footprint, coupled with its direct interconnections, exceeds all other competitor networks and enables its business customers and ISPs to reach more destinations directly through MCI's global IP backbone than any other carrier.



>> Simultaneously with a Premium quality MCI® termination, BusinessCom has established routes to WaveCrest and TeleGlobe – worldwide known 1<sup>st</sup> Tier Voice Carriers.

Such concept of excessive redundancy and automatic failover routing results in a very high succeeding call ratio – with delivering a first class service to our customers.



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## WHY BUSINESSCOM?

### >> CUSTOMER'S BUSINESS IN MIND

Your success is BusinessCom's first priority

### >> ONE-STOP SHOP FOR ALL THE SATELLITE SOLUTIONS

Teleport services, equipment supplies, turn-key solutions with delivery and installation

### >> UNLIMITED, DEDICATED TECHNICAL SUPPORT

Our professional networking experts are at your disposal for all your projects



2.4m at Franceville, Gabon



2.4m at Basrah, Iraq



2.4m at Kata, Thailand



1.2m at Taji, Iraq



3.0m at Yerevan, Armenia

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## BUSINESSCOM TODAY



## DNIETROPETROVSK

**BusinessCom | Internet via Satellite** currently is a group of three companies – registered in Dnepropetrovsk - Ukraine, Prague - Czech Republic and Gibraltar with a network of representative offices, including Iraq and the United States. We are proud to locate our main headquarters in Dnepropetrovsk – one of the world’s space science centers. Dnepropetrovsk is well-known by a Dnepr rocket (converted R-36M) that is being used to carry a substantial percentage of telecommunication satellites nowadays. KB “Yuzhnoye” that is also located in Dnepropetrovsk and established by Mikhail Yangel, is developing a number of innovative technologies including anti-asteroid protection of Earth, space solar power station, magnetic-ion engines and space tourism. Boeing’s Sea Launch also originated in our city.

**BusinessCom** is a Telenor Service Provider and a member of WTA (World Teleport Association) and SSPI.



Dnepropetrovsk City overview, 2007

## BUSINESSCOM CUSTOMERS



Dnepr rocket manufactured in Dnepropetrovsk by KB “Yuzhnoe”

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