A1 Telekom Austria Group

A1 Telekom Austria AG Lassallestraße 9 A-1020 Vienna National: 050 664 0 International: +43 50 664 0 E-Mail: wholesale@a1.group A1 Telekom Austria Group, listed on the Vienna Stock Exchange, is a leading provider of digital services and communications solutions in Central and Eastern Europe with around 25 million customers, currently operating in seven countries: Austria, Bulgaria, Croatia, Belarus, Slovenia, the Republic of North Macedonia and the Republic of Serbia.

Mobile Solutions

Offering communications, payment, broadcasting and entertainment services as well as integrated solutions for mobile operators, A1 Telekom Austria Group achieved revenues of 4.55 billion Euros by year end 2020. Around 18,000 employees and state of the art broadband infrastructure make digital business and lifestyle possible and enable people, companies and things to connect everywhere anytime. As European unit of América Móvil, one of the largest wireless services provider in the world, A1 Telekom Austria Group is headquartered in Vienna and gives access to global solutions.

SAT&BC

InT

Voice



Avanti Communications

Cobham House, 20 Black Friars London, EC4V 6EB +44 (0)20 7749 1600 www.avantiplc.com

> Managed service for rural connectivity

Carriers expertise

Satellite backhaul

Avanti **Communications** Avanti Communications is the leading KA-band high throughput satellite capacity partner to the communications industry across EMEA focused on driving connectivity across Africa.

Our mission is to work in partnership with the people of Africa to empower growth, protect communities and unlock opportunities for individuals, businesses and governments, by creating better connections across the continent.

Avanti recently launched Avanti EXTEND, a new managed service for rural connectivity. Avanti EXTEND provides high-performance and cost-effective 2G, 3G and 4G solutions to remote and hard-to-reach areas across sub-Saharan Africa. This enables MNOs and Tower Companies to provide reliable cellular service to the 100 million people living in these challenging locations that would otherwise be impossible to reach using traditional terrestrial infrastructure.



RICS

Get In Touch - BICS

As a leading international communications enabler, BICS is at the heart of the communications ecosystem. We enable people, applications and things to connect, wherever they are. We are a global provider of international voice, messaging, mobile data, cloud communications and IoT services. Our solutions, delivered seamlessly and securely, are essential for supporting today's datahungry consumers and digitally driven enterprises. Headquartered in Brussels, with a strong presence in Africa, Americas, Asia, Europe and Middle East, BICS powers the global communications that connect the world.

Roaming

Global IoT

Business Analytics

Fraud & Security



Cerillion

www.cerillion.com info@cerillion.com +44 20 7927 6000

Enterprise BSS/OSS Suite

Case Studies

White Papers

Blog

Cerillion is a leading provider of billing, charging and customer management systems with more than 20 years' experience delivering its solutions to mobile, fixed, cable and multi-service communications providers worldwide. These are used to price and bill subscriptions and variable usage for wholesale, retail and white label services; B2B and B2C offerings and multi-country service provider portfolios.

With more than 90 customer installations, Cerillion has a proven track record of delivering cost-effective solutions to the billing, charging and CRM challenges of today and tomorrow. We combine leading edge products with highly skilled and experienced staff, to provide long-term solutions to your business challenges. From fully integrated systems to managed services and SaaS, we offer a range of approaches and business models to suit your needs now and in the future.

cerillion

Enkudo MFA Office

Telenity FZE 1 Central The Office, 01.03 & 01.04 P O Box 9821 Dubai World Trade Center, Dubai - UAF Phone: +971 4 397 9882 Email: info@telenity.com

Enkudo is a master aggregator that provides mobile operators a rich global portfolio of premium digital services including games, education, video, music services, and many more on Telenity's telco-grade Digital Services Platform (DSP). We ensure a top-notch mobile experience with a service mix crafted specifically for each market

Mobile Operators

Over-the-Top (OTT) players and App Stores have become the main provider of digital services to mobile consumers. With the deployments of 5G networks globally, telcos now have a fresh opportunity to offer a broad variety of digital services that will leverage the high-speed mobile connectivity and better quality of service on a next generation of devices.

Digital Merchants

Our team will take your digital services business to the next level by providing technical, legal, marketing, reconciliation & settlement support, in the new world of digital services domain. Contact us via info@enkudo.com to learn more about how we can help you grow your business.

Showcase

encudo

Blog

IDFMIA

14 Milkyway Avenue, Linbro Business Park, Sandton, Johannesburg, South Africa info@idemia.com

According to GSMA estimates, there will be >600 million mobile subscribers in Africa by 2025. To meet this demand, IDEMIA delivers innovative SIM and associated technology to mobile operators to ensure that consumers get secure mobile access across the continent. With a sub-region headquarters in South Africa, where we achieved BBEEE Level 1, IDEMIA is also present across Africa, including countries such as Ghana, Senegal and Nigeria.

Subscriber digital identification

As a testament of their trust in IDEMIA, customers, such as MTN, has awarded us with various honours including Supplier of the Year and Outstanding Quality & Delivery Performance.

Eco Friendly Sim Card Product Range IDEMIA, the global leader in Augmented Identity, provides a trusted environment enabling citizens and consumers alike to perform their daily critical activities (such as pay, connect and travel), in the physical as well as digital space. With close to 15,000 employees around the world, IDEMIA serves clients in 180 countries.

Smart Connect Subscription Management

IDEMIA

IOT Sim

Minara Tanzania

2nd Floor, The Luminary, Cnr Haile Selassie and Chole Roads, Masaki, Dar es Salaam, Tanzania

Phone: + 1.000.561.981.9907 Web: www.minara.co.tz

Towers

Rooftops

Indoor DAS

Green Power

Expertise, Resources and a Proven Track Record

At Minara Tanzania, our robust wireless communications infrastructure portfolio, combined with our multi-tenant leasing model, allows us to provide mobile network operators with an array of towers and other assets that help meet their coverage and capacity needs.

We are leading the way in providing wireless communications infrastructure, with wireless service solutions that help carriers meet current and future network demands including:

- Towers A portfolio of 1,400+ towers with locations and heights to fit your coverage needs
- Rooftops Our extensive rooftop portfolio at premium sites in major urban areas help you increase network coverage and capacity
- Indoor DAS Our system enables property owners to install one wireless infrastructure solution supporting all service providers and frequencies
- Green Power Renewable energy solutions to power telecom towers as an alternative to diesel generators

As a preferred communications infrastructure provider, we are continuously setting the standard for customer satisfaction by "Building Better Wireless." ®



NEC XON

1 Mints Street, Old Mint Park Louwlardia 1683, South Africa +27 11 237 4500 +27 86 600 7114 info@nec.xon.co.za www.nec.xon.co.za

Services

Maintenance & Support

Professional Services

Project Management Office The organisation delivers integrated Solutions for Society that are aligned with customers' priorities to create new value for people, businesses, and society, with a special focus on safety, security, and efficiency. Our portfolio addresses Africa's modern challenges via solutions for Infrastructure, Safety, Communications, and Digital via managed and professional services, maintenance and support, and our project management office (PMO).

We deliver one of the industry's strongest and most innovative portfolios of communications, analytics, cyber security, biometrics, and technologies that unleash customers' productivity potential. Through these solutions, NEC XON combines its best-in-class portfolio of technologies, leveraging a robust partner ecosystem to solve today's most complex business problems.

NEC XON combines the best people, skills, solutions, and services of XON and NEC Africa. The two organisations partnered in 2015 to ensure that customers get the maximum value from their technology investments. This close association provides deep integration skills and experience with global technology leadership. It also continues a proud association with African businesses that reaches back to 1963.

That rich heritage extends the benefits of longstanding global best practice, African expertise, and regional partnerships and delivery to our customers. In South Africa, they also benefit from our Level 1 B-BBEE certification via Kapela Capital.



SBA South Africa

Cecilia Square 100 Cecilia Street Paarl, 7646 Phone: + 27.21.870.1302 Web: www.sbasite.com

Who we are

Site Leasing

Site Development

Tower Acquisitions

Put Our Capabilities to Work for You

SBA South Africa is a preferred provider for mobile network operators. Our experience, capabilities and resources assist carriers to meet their network coverage, capacity and performance requirements. Working with our experienced team ensures speed to market while helping carriers provide high quality, featurerich voice and data service.

SBA South Africa is a leader in providing wireless communications infrastructure including towers, buildings and rooftops, with more than 1,000 communications sites throughout the country. We offer wireless service solutions that help carriers meet current and future network demand while remaining flexible with build times and design including:

- Site Leasing leasing antenna space on our multi-tenant towers under longterm lease contracts.
- · Site Development Constructing towers in strategically chosen locations or at the request of wireless carriers under a build-to-suit arrangement.

As a preferred provider for mobile network operators, we are continuously setting the standard for customer satisfaction by "Building Better Wireless."®



Seamless Distribution Systems

Address: Hangövägen 29 115 41 Stockholm, Sweden Phone: +46 8 58 63 34 69 Web- www seamless se

Guide to Retail Value Management

Digitizing Telecoms with Seamless

Why Customers Trust Us

Smart Sales & **Distribution - SDS Analytics**

As pioneers of digital reform, Seamless Distribution Systems (SDS) has consistently delivered high-performance solutions to telecom operators and retail distributors for over 30 years and counting. Our solutions enable digitalization of the entire distribution chain, for multiple products and through multiple channels, customized according to a business's unique needs.

Our core expertise lies in helping our customers grow revenue through the power of digitalization. We combine years of experience in understanding our customers' needs, pain points and business goals around sales and distribution and leveraging automation and advanced analytics to help them achieve sales growth and OpEx optimization. We are driven to synergize distribution management for telecoms as we solve a variety of problems that impact different stages of the user journey.

Throughout this time, we have been obsessed with bringing unmatched efficiency across the value chain and helping converge all critical processes around sales and distribution in one integrated solution. Our end-to-end offerings facilitate the launch and growth of both direct and indirect channels while unifying customer experience across the board to ensure that telecoms never fail to deliver.



Sparkle

sparkle.communication@ tisparkle.com

IP&Data

Mobile

Sparkle. The world's communication platform.

Find out more about Sparkle at tisparkle.com

Enterprise

Voice

traffic. Through a rich portfolio of services, a cutting edge network based on the latest technologies, a globally distributed sales force and advanced customer care capabilities, Sparkle is able to fulfil its mission of providing customers with topperforming and tailored solutions worldwide. Enriched by its cultural variety and diversity, Sparkle is always committed

Sparkle is a leading global service provider offering a full range of ICT solutions,

global connectivity, services and capabilities designed to meet the fast-changing

needs of Enterprises, Internet Service Providers, OTTs, Media and Content Players, Application Service Providers as well as of Fixed and Mobile operators.

Thanks to a state-of-the-art global backbone of over 600,000 kms of fibre and through an extensive worldwide commercial presence distributed over 32 countries,

Sparkle ranks #5 for IP globally and is among the top players for international voice

to excellent relationships with all its stakeholders and operates with constant attention to maintain a safe environment where Partners, Customers, Suppliers and Employees can live and work better.

> **SPARKLE** THE WORLD'S COMMUNICATION PLATFORM

Telenity Corporate Headquarters

Telenity Incorporated 755 Main Street, Building 7 Monroe, CT 06468, USA Phone: +1 203 445 2000 Email: info@telenity.com

Customized Software Solutions

Digital Services for Telecom Operators

Operator Billing Solutions for Digital Services

Consolidate VAS World with Telco standards

Telenity is an industry-leading provider of cutting-edge services and solutions for worldwide communications service providers. We help our customers leverage the power of their networks with our NFV-enabled, 5G-ready VAS Consolidation Platform and Digital Service Platform.

Our VCP solution helps operators reduce opex and improve service quality. Our DSP solution provides telcos the ultimate platform to thrive in the digital world with its product capabilities, partner ecosystem and managed services capabilities. With our Service Subscription Management and Partner Management platforms, we provide a smooth migration to the Digital BSS ecosystem. Both solutions are offered to operators via revenue sharing and SaaS business models.

Our sister company www.enkudo.com brings together the operator and the 3rdparty digital content & service providers on our DSP platform to provide a first-rate digital experience to subscribers, to the benefit of all parties involved.



Webb Industries

Contact details: www.webb.co.za, webb@webb.co.za, +27 11 719-0000

Website

Jasco

RCW

LinkedIn

Webb Industries was established in 1973. Through the years, the company has earned trust through integrity, inspired innovation through technology and instilled confidence through leadership.

Webb Industries is a leading value-add distributor and manufacturer of products and solutions to enhance connectivity and improve communications. These include telecom masts and structures, site-build kits, in-building coverage and signal enhancement, data cabling infrastructure and a wide range of radio frequency components.

Webb has over forty years' experience in the manufacture of antennas, radio frequency combiners, splitters and multiplexers, as well as cable and connector assemblies. Our work meets the high operating specifications that customers require when deploying demanding communications solutions.

Webb's outstanding relationships with international trading partners were forged over many years. Our partners are world leaders in their fields. These include Telegärtner, Times Microwave Systems, Eupen, Polyphaser, Dehn, SMC Hilomasts, mWaye, Laird and Comba.

Webb's Radio Comms Warehouse supplies radio communications accessories and security-related equipment. RCW is the sole African representative for several leading brands including NOVA.



Inteto Connect (Pty.) Ltd.

Offices in Johannesburg and info@intetoconnect.co.za www.intetoconnect.co.za Cape Town: +27 12 657 0050

Inteto Connect offers products that will improve your 3G, 4G/LTE and 5G signal and speed. These include Poynting antennas, Teltonika and HUAWEI routers and Wilsonpro and weBoost cell phone signal boosters.

More from Inteto Connect

Intracom Telecom (Intracom S.A. Telecom Solutions)

19.7 km Markopoulou Ave. Peania Athens, Greece, GR-19002 Telephone & Fax Tel.: +30-210-66 71 000 Fax: +30-210-66 71 001

Intracom Telecom is a global telecommunication systems and solutions vendor. The company is the benchmark in fixed wireless access and innovates in the 5G/4G wireless RAN transport and small-cell SON backhaul.

Home & Business Ultra Broadband FWA

ST Group (Pty) Ltd

Spaces Fourways, Design Quarter, Leslie Avenue East, Fourways, Johannesburg, South Africa. Tel: +27 11 314 0788 GPS: -26.031741, 28.012892 Email: info@stgroup.co.za

ST Group is a distributor of VertigIS and Precisely products in Africa. ConnectMaster™ is a software solution for the design, engineering, documentation and operation of tele-communication network infrastructure.

More from ST Group

SUPPLIER PROFILES - VALUE ADDED SERVICES

Enkudo MFA Office

Telenity FZE 1 Central The Office, 01.03 & 01.04 P O Box 9821 Dubai World Trade Center, Dubai - UAF Phone: +971 4 397 9882 Email: info@telenitv.com

Mobile Operators

Digital Merchants

Showcase

Blog

Enkudo is a master aggregator that provides mobile operators a rich global portfolio of premium digital services including games, education, video, music services, and many more on Telenity's telco-grade Digital Services Platform (DSP). We ensure a top-notch mobile experience with a service mix crafted specifically for each market

Over-the-Top (OTT) players and App Stores have become the main provider of digital services to mobile consumers. With the deployments of 5G networks globally, telcos now have a fresh opportunity to offer a broad variety of digital services that will leverage the high-speed mobile connectivity and better quality of service on a next generation of devices.

Our team will take your digital services business to the next level by providing technical, legal, marketing, reconciliation & settlement support, in the new world of digital services domain. Contact us via info@enkudo.com to learn more about how we can help you grow your business.



IDFMIA

14 Milkyway Avenue, Linbro Business Park, Sandton, Johannesburg, South Africa info@idemia.com

> **Subscriber digital** identification

Eco Friendly Sim Card Product Range

> **Smart Connect** Subscription Management

> > **IOT Sim**

According to GSMA estimates, there will be >600 million mobile subscribers in Africa by 2025. To meet this demand, IDEMIA delivers innovative SIM and associated technology to mobile operators to ensure that consumers get secure mobile access across the continent. With a sub-region headquarters in South Africa, where we achieved BBEEE Level 1, IDEMIA is also present across Africa, including countries such as Ghana, Senegal and Nigeria.

As a testament of their trust in IDEMIA, customers, such as MTN, has awarded us with various honours including Supplier of the Year and Outstanding Quality & Delivery Performance.

IDEMIA, the global leader in Augmented Identity, provides a trusted environment enabling citizens and consumers alike to perform their daily critical activities (such as pay, connect and travel), in the physical as well as digital space. With close to 15,000 employees around the world, IDEMIA serves clients in 180 countries.



SUPPLIER PROFILES - VALUE ADDED SERVICES

Seamless Distribution Systems

Address: Hangövägen 29 115 41 Stockholm, Sweden Phone: +46 8 58 63 34 69 Web: www.seamless.se

Guide to Retail Value Management

Digitizing Telecoms with Seamless

Why Customers Trust Us

Smart Sales & Distribution - SDS **Analytics**

As pioneers of digital reform, Seamless Distribution Systems (SDS) has consistently delivered high-performance solutions to telecom operators and retail distributors for over 30 years and counting. Our solutions enable digitalization of the entire distribution chain, for multiple products and through multiple channels, customized according to a business's unique needs.

Our core expertise lies in helping our customers grow revenue through the power of digitalization. We combine years of experience in understanding our customers' needs, pain points and business goals around sales and distribution and leveraging automation and advanced analytics to help them achieve sales growth and OpEx optimization. We are driven to synergize distribution management for telecoms as we solve a variety of problems that impact different stages of the user journey.

Throughout this time, we have been obsessed with bringing unmatched efficiency across the value chain and helping converge all critical processes around sales and distribution in one integrated solution. Our end-to-end offerings facilitate the launch and growth of both direct and indirect channels while unifying customer experience across the board to ensure that telecoms never fail to deliver.



Sparkle

sparkle.communication@ tisparkle.com

IP&Data

Mobile

Voice

Sparkle is a leading global service provider offering a full range of ICT solutions, global connectivity, services and capabilities designed to meet the fast-changing needs of Enterprises, Internet Service Providers, OTTs, Media and Content Players, Application Service Providers as well as of Fixed and Mobile operators.

Thanks to a state-of-the-art global backbone of over 600,000 kms of fibre and through an extensive worldwide commercial presence distributed over 32 countries, Sparkle ranks #5 for IP globally and is among the top players for international voice traffic. Through a rich portfolio of services, a cutting edge network based on the latest technologies, a globally distributed sales force and advanced customer care capabilities, Sparkle is able to fulfil its mission of providing customers with topperforming and tailored solutions worldwide.

Enriched by its cultural variety and diversity, Sparkle is always committed to excellent relationships with all its stakeholders and operates with constant attention to maintain a safe environment where Partners, Customers, Suppliers and Employees can live and work better.

Sparkle. The world's communication platform.

Find out more about Sparkle at tisparkle.com

Enterprise



SUPPLIER PROFILES - VALUE ADDED SERVICES

Telenity Corporate Headquarters

Telenity Incorporated 755 Main Street, Building 7 Monroe, CT 06468, USA Phone: +1 203 445 2000 Email: info@telenity.com

Customized Software

Digital Services for Telecom Operators

Operator Billing Solutions for Digital Services

Consolidate VAS World with Telco standards Telenity is an industry-leading provider of cutting-edge services and solutions for worldwide communications service providers. We help our customers leverage the power of their networks with our NFV-enabled, 5G-ready VAS Consolidation Platform and Digital Service Platform.

Our VCP solution helps operators reduce opex and improve service quality. Our DSP solution provides telcos the ultimate platform to thrive in the digital world with its product capabilities, partner ecosystem and managed services capabilities. With our Service Subscription Management and Partner Management platforms, we provide a smooth migration to the Digital BSS ecosystem. Both solutions are offered to operators via revenue sharing and SaaS business models.

Our sister company www.enkudo.com brings together the operator and the 3rdparty digital content & service providers on our DSP platform to provide a first-rate digital experience to subscribers, to the benefit of all parties involved.



SOUTHERN AFRICAN WIRELESS

Take a look at recent issues of Southern African Wireless Communications:

Recent Issues

Register for your FREE annual subscription:

Register Now

NORTHERN AFRICAN WIRELESS

Take a look at recent issues of Southern African Wireless Communications

Recent Issues

Register for your FREE annual subscription:

Register Now

AFRICAN WIRELESS

For the latest news, technology, opinion and debate on African wireless communications take a look here.

Visit Website

SUPPLIER PROFILES - CRITICAL COMMUNICATIONS

Altron Nexus

Woodlands Office Park, Altron Campus Block D. 20 Woodlands Drive, Woodmead, 2191 +27 87 821 4500 www.altronnexus.com info@altronnexus.com

Enterprise Solutions Network Connectivity

> Infrastructure Delivery

Smart City/ Safe City

Professional Services

While you can't predict the future, you can certainly help shape it. At Altron Nexus the intersections of business and technology are characterised by the need for innovative fit-for-purpose digital solutions, empowering organisations to do what they do - better and faster.

To navigate these needs, Altron Nexus has developed a suite of world-class solutions ranging from next-generation enterprise network services to Smart Industry platforms and Safe City ecosystems including critical communications. These are delivered as managed services or as turnkey plan, build, and operate (PBO) deliveries.

We provide end-to-end broadband and mission-critical implementation services, enterprise and business-critical telecommunication services and distribution of mobile radio products and systems.

With over 52 years of industry experience, Altron Nexus strives to consistently deliver to specification, on time, and within budget.

Altron Nexus is a Level 1 B-BBEE, ISO 9001 and ISO 45001 accredited company.

ALTRON **NEXUS**

Motorola Solutions South Africa

22 Kilddon Rd, Jindal Africa Building, Bryanston, Johannesburg, South Africa,

+27 11 800 7800

Advancing Mission Critical Communications

Connected When **Conditions are Toughest**

> **Connect Team Anywhere**

Take PTT Further

Focus On The Events That Matters Most

At Motorola Solutions we are constantly working to provide solutions that improve safety and productivity. Our wide range of push-to-talk communications and video security solutions are purpose-built and highly scalable to fit the different needs of various mission-critical operations including transportation, logistics, mining and other industries

Motorola Solutions is a global leader in mission-critical communications. Our technology platforms in mission-critical communications, command center software, video security & analytics, bolstered by managed & support services, make cities safer and help communities and businesses thrive. We have a rich history of firsts, including pioneering mobile communications in the 1930s, making equipment that carried the first words from the moon in 1969 and developing the first commercial handheld cellular phone in 1983. Today, our global employees are committed to designing and delivering the solutions our customers refer to as their lifeline. At Motorola Solutions, we are ushering in a new era in public safety and security.



SUPPLIER PROFILES - CRITICAL COMMUNICATIONS

Rajant Corporation

200 Chesterfield Parkway, Malvern, PA 19355 P: +1 484.595.0233 F: +1 484.595.0244 www.raiant.com

> Kinetic Mesh Industrial Wireless Networking

> > InstaMesh Technology

BreadCrumb Wireless Nodes

MeshTracer

BC|Assurance

BC|Commander

BC|Enterprise

Rajant Corporation is the broadband communications technology company that invented Kinetic Mesh® networking, BreadCrumb® wireless nodes, and InstaMesh® networking software. With Rajant, customers can rapidly deploy a highly adaptable and scalable network that leverages the power of real-time data to deliver on-demand, mission-critical business intelligence. A low-latency, high-throughput, and secure solution for a variety of data, voice, video, and autonomous applications, Rajant's Kinetic Mesh networks provide industrial customers with full mobility, allowing them to take their private network applications and data anywhere. With successful deployments in over 70 countries for customers in military, mining, ports, rail, oil & gas, petrochemical plants, municipalities, public safety, agriculture, and warehouse & factory automation. Rajant is headquartered in Malvern, Pennsylvania with additional facilities and offices in Arizona and Kentucky. For more information, visit Rajant.com or follow Rajant on LinkedIn and Twitter.



C-Com Satellite Systems Inc

2574 Sheffield Road Ottawa, Ontario, Canada K1B 3V7 +1 613 745 4110

Over the past 24 years, C-COM has been a world-leading provider of high-quality, reliable auto-pointing satellite antenna systems. The company is now in the final stages of development of a potentially revolutionary Kaband, electronically steerable, modular, conformal, flat panel phased array antenna.

More about C-COM Satellite Systems

Cerillion

www.cerillion.com info@cerillion.com +44 20 7927 6000

Cerillion is a leading provider of billing, charging and customer management systems with more than 20 years' experience delivering its solutions to mobile, fixed, cable and multi-service communications providers worldwide.

Enterprise BSS/OSS Suite

Inteto Connect (Pty.) Ltd.

Offices in Johannesburg and info@intetoconnect.co.za www.intetoconnect.co.za Cape Town: +27 12 657 0050

Inteto Connect offers products that will improve your 3G, 4G/LTE and 5G signal and speed. These include Poynting antennas, Teltonika and HUAWEI routers and Wilsonpro and weBoost cell phone signal boosters.

More from Inteto Connect

ARS

Unit 2107-8, Al Thuraya Tower 1 Dubai Media City PO Box 50219 Dubai, UAE

T: +971 4454 2677 Email: info@absatellite.com ABS creates and delivers innovative services that meet current and future customer demands. It delivers satellite communications connectivity for video. data, and telecommunication services globally through a fleet of five satellites: ABS-2, ABS-2A, ABS-3A, ABS-4/Mobisat-1 and ABS-6 serving over 180 countries. From broadcast, data, government, mobility and ABSPlus value-added services, ABS ensures essential delivery for a broad spectrum of satellite communications requirements.

For more information, please visit www.absatellite.com

Delivering reliable satellite connectivity

Your mobility/ maritime solutions

Broadcast solutions - Grow your audience

> **ABS** satelliterelated service offerings



Avanti Communications

Cobham House, 20 Black Friars London, EC4V 6EB +44 (0)20 7749 1600 www.avantiplc.com

> Managed service for rural connectivity

Carriers expertise

Satellite backhaul

Avanti **Communications** Avanti Communications is the leading KA-band high throughput satellite capacity partner to the communications industry across EMEA focused on driving connectivity across Africa.

Our mission is to work in partnership with the people of Africa to empower growth, protect communities and unlock opportunities for individuals, businesses and governments, by creating better connections across the continent.

Avanti recently launched Avanti EXTEND, a new managed service for rural connectivity. Avanti EXTEND provides high-performance and cost-effective 2G, 3G and 4G solutions to remote and hard-to-reach areas across sub-Saharan Africa. This enables MNOs and Tower Companies to provide reliable cellular service to the 100 million people living in these challenging locations that would otherwise be impossible to reach using traditional terrestrial infrastructure.



Fs'hailSat

Property No. 414, Al Markhiya Street No. 380, Area No. 31, Umm Lakhba, P.O. Box 10653, Doha, Qatar Telephone No.: +974 4499 3535 Fax No.: +974 44993504 Email: info@eshailsat.qa Website: www.eshailsat.qa

About Us

Services

Channels

Contact Us

Es'hailSat, the Qatar Satellite Company, was established in 2010 to deliver satellite services to broadcasters, telcos, enterprises and governments in the MENA region and beyond.

With a goal to be a truly global satellite operator and service provider, Es'hailSat commenced operations with Es'hail-1 in 2013, supporting key broadcasters, beIN Sports and Al Jazeera Media Network. Es'hail-2, the company's second satellite was launched in 2018 and is co-located with Es'hail-1 at the MENA hotspot of 25.5°E/26°E orbital location. Es'hailSat's high-powered satellites with Ku-band and Ka-band capabilities, provides the region with advanced and sophisticated services.

Es'hailSat's Teleport in Doha provides satellite Telemetry, Tracking and Command (TT&C) operations and capacity management, along with teleport services such as uplink, downlink, contribution, multiplexing, encoding, playout, VSAT services, hosting services, data centre and other services.

Es'hailSat plans to expand with newer satellites in other prime orbital locations around the globe, offering customers the most flexible and reliable services.

Contacts: sales@eshailsat.qa or info@eshailsat.qa



Hughes Network Systems

Contact details: GlobalSales@Hughes.com

Broadband

Cellular Backhaul

Community Wi-Fi

Multinational Networks Hughes Network Systems, LLC (HUGHES), an innovator in satellite and multi-transport technologies and networks since 1971, provides broadband equipment and services; managed services featuring smart, software-defined networking; and end-to-end network operation for millions of consumers, businesses, governments and communities worldwide. The Hughes flagship Internet service, HughesNet®, connects millions of subscribers across the Americas, and the Hughes JUPITER™ System powers Internet access for tens of millions more worldwide. Hughes supplies more than half the global satellite terminal market to leading satellite operators, in-flight service providers, mobile network operators and military customers. A managed network services provider, Hughes supports hundreds of thousands of enterprise sites with its HughesON™ portfolio of wired and wireless solutions. Headquartered in Germantown, Maryland, USA, Hughes is owned by EchoStar. To learn more, visit www.hughes.com or follow HughesConnects on Twitter and LinkedIn.



Russian Satellite Communications Company

3A, bld.1, Nikoloyamskiy pereulok, Moscow, 109289, Russia

sales@rscc.ru www.rscc.ru

- +7 (495) 730-0450
- +7 (495) 730-0383

RSCC satellite fleet

Express-AM7, 40°E

Express-AM6, 53°E

Express-AM8, 14°W

Russian Satellite Communication Company (RSCC) is the Russian GEO satellite operator with global coverage. RSCC is one of the ten largest world satellite operators in terms of satellites and orbital slots. RSCC satellites are positioned along the geostationary orbital arc from 14° W up to 140° E, covering the entire territory of Russia, CIS, Europe, Middle East, Africa, Asian-Pacific region, North and South America, and Australia.

RSCC provides a full range of communications and broadcasting services via its own terrestrial telecom facilities and satellite constellation, which consist of modern Express, Express-AM, Express-AT, Express-AMU type satellites; e.g. video distribution and contribution, DTH, DSNG, broadband Internet access, IP trunking and cellular backhaul, maritime mobility, in-flight connectivity, SCADA, enterprise networks connectivity and other. The company operates various regional satellite TV distribution networks and corporate VSAT networks for fixed and mobility customers throughout Africa and in other parts of the world.



C-Com Satellite Systems Inc

2574 Sheffield Road Ottawa, Ontario, Canada K1B 3V7 +1 613 745 4110

Over the past 24 years, C-COM has been a world-leading provider of high-quality, reliable auto-pointing satellite antenna systems. The company is now in the final stages of development of a potentially revolutionary Kaband, electronically steerable, modular, conformal, flat panel phased array antenna.

More about C-COM Satellite Systems

Cerillion

www.cerillion.com info@cerillion.com +44 20 7927 6000

Cerillion is a leading provider of billing, charging and customer management systems with more than 20 years' experience delivering its solutions to mobile, fixed, cable and multi-service communications providers worldwide.

Enterprise BSS/OSS Suite

DEV Systemtechnik GmbH

Grüner Weg 4A D-61169 Friedberg Germany

info@dev-systemtechnik.com Tel.: +49 6031 6975 100

RF signal transmission and management Systems for satellite earth stations and broadcasters:

- RF Matrices, RF over Fiber, RF Switches, RF Distribution
- Satellite ground station redundancy / diversity systems

More from DEV Systemtechnik

Stratosat Datacom

26 Spartan Road, Kempton Park, 1619 | Tel: +2711 974-0006 | email: sales2@ Stratosat.co.za

High-Speed Satellite Managed Broadband Connectivity

Managed Services

Tailor-made
Communication
Network Solution Design.

Satellite Equipment Supply & Distribution Stratosat Datacom forms part of the German based SCHAUENBURG International Group, which is a fast-growing family business with more than 30 affiliated companies worldwide. Investments are focused on niche technologies in electronics, plastic processing, engineering and industrial solutions on a global scale.

Stratosat Datacom, established in 2002, provides cost effective tailor-made turnkey satellite and microwave communication solutions in Sub-Sahara Africa. We have rendered products and services to the majority of Telco and Satellite Operators in Africa.

Our customer focussed team provide expertise in equipment supply, installation, systems integration, commissioning, handover, training, maintenance, support and network monitoring.

Stratosat's main solution offerings are:

- · High-Speed Satellite Managed Broadband Connectivity, Mobility (CoTM & CoTP),
- · Managed Services,
- · Tailor-made Communication Network Solution Design, Project Management,
- Satellite Equipment Supply & Distribution and Implementation & Management of Large Astronomy Projects (SKA / MeerKAT).



ST Group (Pty) Ltd

Spaces Fourways, Design Quarter, Leslie Avenue East, Fourways, Johannesburg, South Africa. Tel: +27 11 314 0788 GPS: -26.031741, 28.012892 Email: info@stgroup.co.za

ST Group is a distributor of VertiGIS and Precisely products in Africa. ConnectMaster™ is a software solution for the design, engineering, documentation and operation of tele-communication network infrastructure.

More from ST Group

SatADSL

Avenue Herrmann Debroux 54 1160 Bruxelles Belgium www.satadsl.net

SatADSL offers satellite services worldwide to operators, teleport & hub operators, government and enterprise bodies, and ISPs. SatADSL, with its neXat platform, is the world's first satellite bandwidth aggregation emarketplace.

More from SatADSL

Speedcast Communications -Global HQ

4400 S Sam Houston Pkwy E Houston, TX USA 77048 info@speedcast.com

Speedcast is a global communications and IT services provider, delivering critical communications and technology solutions to the Maritime, Energy, Mining, Telecom, NGO, Government, and Enterprise sectors with seamless coverage from a global hybrid network.

Visit for more information

SUPPLIER PROFILES - BROADBAND

Angola Cables

Head Office Edifício Cellwave. Via AL5 Zona, XR6B Talatona, LUANDA SUL

LinkedIN

Facebook

Twitter

Link to company / corporate video

Angola Cables is a multinational operating in the global ICT sector. With a robust transport infrastructure and highly interconnected IP network we offer differentiated solutions to the wholesale and corporate segments. We offer customers access to the largest IXP's, Tier 1 operators and international content providers.

Through SACS, Monet and WACS submarine cable systems the company directly connects the Americas, Africa, and Europe with established partnerships to reach Asia. We manage the Tier III Data Centre AngoNAP Fortaleza (Brazil) and the Data Centre AngoNAP Luanda (Angola), PIX - and Angonix, one of the largest Internet Exchange Points (IXPs) in Africa.

Angola Cables provides digital services and network solutions to multiple industries with customized cloud and gaming resources available to our global customers.

ASN 37468

For more information, visit our website: www.angolacables.co.ao



RICS

Get In Touch - BICS

Roaming

Global IoT

Business Analytics

Fraud & Security

As a leading international communications enabler, BICS is at the heart of the communications ecosystem. We enable people, applications and things to connect, wherever they are. We are a global provider of international voice, messaging, mobile data, cloud communications and IoT services. Our solutions, delivered seamlessly and securely, are essential for supporting today's datahungry consumers and digitally driven enterprises. Headquartered in Brussels, with a strong presence in Africa, Americas, Asia, Europe and Middle East, BICS powers the global communications that connect the world.



SUPPLIER PROFILES - BROADBAND

Sparkle

sparkle.communication@ tisparkle.com

IP&Data

Mobile

Voice

Enterprise

Sparkle is a leading global service provider offering a full range of ICT solutions, global connectivity, services and capabilities designed to meet the fast-changing needs of Enterprises, Internet Service Providers, OTTs, Media and Content Players, Application Service Providers as well as of Fixed and Mobile operators.

Thanks to a state-of-the-art global backbone of over 600,000 kms of fibre and through an extensive worldwide commercial presence distributed over 32 countries, Sparkle ranks #5 for IP globally and is among the top players for international voice traffic. Through a rich portfolio of services, a cutting edge network based on the latest technologies, a globally distributed sales force and advanced customer care capabilities, Sparkle is able to fulfil its mission of providing customers with top-performing and tailored solutions worldwide.

Enriched by its cultural variety and diversity, Sparkle is always committed to excellent relationships with all its stakeholders and operates with constant attention to maintain a safe environment where Partners, Customers, Suppliers and Employees can live and work better.

Sparkle. The world's communication platform.

Find out more about Sparkle at tisparkle.com



Intracom Telecom (Intracom S.A. Telecom Solutions)

19.7 km Markopoulou Ave. Peania Athens, Greece, GR-19002 Telephone & Fax

Tel.: +30-210-66 71 000 Fax: +30-210-66 71 001

Intracom Telecom is a global telecommunication systems and solutions vendor. The company is the benchmark in fixed wireless access and innovates in the SG/4G wireless RAN transport and small-cell SON backhaul.

Home & Business Ultra Broadband FWA

SatADSL

Avenue Herrmann Debroux 54 1160 Bruxelles Belgium www.satadsl.net

SatADSL offers satellite services worldwide to operators, teleport & hub operators, government and enterprise bodies, and ISPs. SatADSL, with its neXat platform, is the world's first satellite bandwidth aggregation emarketplace.

More from SatADSL

Speedcast Communications -Global HQ

4400 S Sam Houston Pkwy E Houston, TX USA 77048 info@speedcast.com

Speedcast is a global communications and IT services provider, delivering critical communications and technology solutions to the Maritime, Energy, Mining, Telecom, NGO, Government, and Enterprise sectors with seamless coverage from a global hybrid network.

Visit for more information

SUPPLIER PROFILES - FIBRE

Angola Cables

Head Office Edifício Cellwave. Via AL5 Zona, XR6B Talatona, LUANDA SUL

LinkedIN

Facebook

Twitter

Link to company / corporate video

Angola Cables is a multinational operating in the global ICT sector. With a robust transport infrastructure and highly interconnected IP network we offer differentiated solutions to the wholesale and corporate segments. We offer customers access to the largest IXP's, Tier 1 operators and international content providers.

Through SACS, Monet and WACS submarine cable systems the company directly connects the Americas, Africa, and Europe with established partnerships to reach Asia. We manage the Tier III Data Centre AngoNAP Fortaleza (Brazil) and the Data Centre AngoNAP Luanda (Angola), PIX - and Angonix, one of the largest Internet Exchange Points (IXPs) in Africa.

Angola Cables provides digital services and network solutions to multiple industries with customized cloud and gaming resources available to our global customers.

ASN 37468

For more information, visit our website: www.angolacables.co.ao



SBA South Africa

Cecilia Square 100 Cecilia Street Paarl, 7646 Phone: + 27.21.870.1302 Web: www.sbasite.com

Who we are

Site Leasing

Site Development

Tower Acquisitions

Put Our Capabilities to Work for You

SBA South Africa is a preferred provider for mobile network operators. Our experience, capabilities and resources assist carriers to meet their network coverage, capacity and performance requirements. Working with our experienced team ensures speed to market while helping carriers provide high quality, featurerich voice and data service.

SBA South Africa is a leader in providing wireless communications infrastructure including towers, buildings and rooftops, with more than 1,000 communications sites throughout the country. We offer wireless service solutions that help carriers meet current and future network demand while remaining flexible with build times and design including:

- · Site Leasing leasing antenna space on our multi-tenant towers under longterm lease contracts.
- Site Development Constructing towers in strategically chosen locations or at the request of wireless carriers under a build-to-suit arrangement.

As a preferred provider for mobile network operators, we are continuously setting the standard for customer satisfaction by "Building Better Wireless."®

SBA D

SUPPLIER PROFILES - FIBRE

Sparkle

sparkle.communication@ tisparkle.com

IP&Data

Mobile

Voice

Enterprise

Sparkle is a leading global service provider offering a full range of ICT solutions, global connectivity, services and capabilities designed to meet the fast-changing needs of Enterprises, Internet Service Providers, OTTs, Media and Content Players, Application Service Providers as well as of Fixed and Mobile operators.

Thanks to a state-of-the-art global backbone of over 600,000 kms of fibre and through an extensive worldwide commercial presence distributed over 32 countries, Sparkle ranks #5 for IP globally and is among the top players for international voice traffic. Through a rich portfolio of services, a cutting edge network based on the latest technologies, a globally distributed sales force and advanced customer care capabilities, Sparkle is able to fulfil its mission of providing customers with topperforming and tailored solutions worldwide.

Enriched by its cultural variety and diversity, Sparkle is always committed to excellent relationships with all its stakeholders and operates with constant attention to maintain a safe environment where Partners, Customers, Suppliers and Employees can live and work better.

Sparkle. The world's communication platform.

Find out more about Sparkle at tisparkle.com



Cerillion

www.cerillion.com info@cerillion.com +44 20 7927 6000

Cerillion is a leading provider of billing, charging and customer management systems more than 20 years' experience delivering its solutions to mobile, fixed, cable and multi-service communications providers worldwide.

> **Enterprise** BSS/OSS Suite

Inteto Connect (Pty.) Ltd.

Offices in Johannesburg and info@intetoconnect.co.za www.intetoconnect.co.za Cape Town: +27 12 657 0050

Inteto Connect offers products that will improve your 3G, 4G/ LTE and 5G signal and speed. These include Poynting antennas. Teltonika and HUAWEI routers and Wilsonpro and weBoost cell phone signal boosters.

> More from Inteto Connect

ST Group (Pty) Ltd

Spaces Fourways, Design Quarter, Leslie Avenue East, Fourways, Johannesburg, South Africa. Tel: +27 11 314 0788 GPS: -26.031741, 28.012892 Email: info@stgroup.co.za

ST Group is a distributor of VertiGIS and Precisely products in Africa. ConnectMaster™ is a software solution for the design, engineering, documentation and operation of tele-communication network infrastructure.

More from ST Group

SUPPLIER PROFILES - FIXED WIRELESS ACCESS

Mobile Mark Europe Ltd

8 Miras Business Park, Keys Park Rd. Hednesford, Staffs. W512 2F5, United Kingdom enquiries@mobilemarkeurope.co.uk www.mobilemark.com Fel: (+44) 1543 459 555 Fax: (+44) 1543 459 545

Mining

Fleet management

Public Safety

Agriculture

Mobile Mark is a leading supplier of innovative, high performance antennas to wireless companies across the globe. We've been in the wireless industry for over 30 years and have our roots in the early Cellular trials. We have grown and evolved over the years, along with the industry. Today, we benefit from enhanced design capabilities and expanded production capacity – along with a greater understanding of new and emerging markets – all of which have allowed us to become one of the best antenna developers in our field. Our customers have been our partners throughout the years. We believe in taking the time to understand our customers' individual needs. Through close consultation with clients, we are able to deliver innovative, tailored solutions that meet specific antenna requirements. Rapid prototyping capabilities allow us to take our designs from concept to reality in an extremely short time span, and to verify the performance of the antenna. Mobile Mark antennas are used in many sectors of the wireless industry. Here are just a few examples:

- · Emergency services
- Commercial fleet management
- · Public transport & bus management
- · Smart cities & smart highways
- · Remote monitoring & surveillance
- · Mining & exploration
- · Asset tracking & RFID



Rajant Corporation

200 Chesterfield Parkway, Malvern, PA 19355 P: +1 484.595.0233 F: +1 484.595.0244 www.raiant.com

Kinetic Mesh Industrial Wireless Networking

> InstaMesh Technology

BreadCrumb Wireless Nodes

MeshTracer

BC|Assurance

BC|Commander

BC|Enterprise

Rajant Corporation is the broadband communications technology company that invented Kinetic Mesh® networking, BreadCrumb® wireless nodes, and InstaMesh® networking software. With Rajant, customers can rapidly deploy a highly adaptable and scalable network that leverages the power of real-time data to deliver on-demand, mission-critical business intelligence. A low-latency, high-throughput, and secure solution for a variety of data, voice, video, and autonomous applications, Rajant's Kinetic Mesh networks provide industrial customers with full mobility, allowing them to take their private network applications and data anywhere. With successful deployments in over 70 countries for customers in military, mining, ports, rail, oil & gas, petrochemical plants, municipalities, public safety, agriculture, and warehouse & factory automation. Rajant is headquartered in Malvern, Pennsylvania with additional facilities and offices in Arizona and Kentucky. For more information, visit Rajant.com or follow Rajant on LinkedIn and Twitter.



SUPPLIER PROFILES - FIXED WIRELESS ACCESS

Stratosat Datacom

26 Spartan Road, Kempton Park, 1619 | Tel: +2711 974-0006 | email: sales2@ Stratosat.co.za

High-Speed Satellite Managed Broadband Connectivity

Managed Services

Tailor-made Communication Network Solution Design

Satellite Equipment Supply & Distribution Stratosat Datacom forms part of the German based SCHAUENBURG International Group, which is a fast-growing family business with more than 30 affiliated companies worldwide. Investments are focused on niche technologies in electronics, plastic processing, engineering and industrial solutions on a global scale.

Stratosat Datacom, established in 2002, provides cost effective tailor-made turnkey satellite and microwave communication solutions in Sub-Sahara Africa. We have rendered products and services to the majority of Telco and Satellite Operators in Africa.

Our customer focussed team provide expertise in equipment supply, installation, systems integration, commissioning, handover, training, maintenance, support and network monitoring.

Stratosat's main solution offerings are:

- High-Speed Satellite Managed Broadband Connectivity, Mobility (CoTM & CoTP),
- · Managed Services,
- · Tailor-made Communication Network Solution Design, Project Management,
- Satellite Equipment Supply & Distribution and Implementation & Management of Large Astronomy Projects (SKA / MeerKAT).



Cerillion

www.cerillion.com info@cerillion.com +44 20 7927 6000

Cerillion is a leading provider of billing, charging and customer management systems with more than 20 years' experience delivering its solutions to mobile, fixed, cable and multi-service communications providers worldwide.

Enterprise BSS/OSS Suite

Inteto Connect (Pty.) Ltd.

Offices in Johannesburg and info@intetoconnect.co.za www.intetoconnect.co.za Cape Town: +27 12 657 0050

Inteto Connect offers products that will improve your 3G, 4G/LTE and 5G signal and speed. These include Poynting antennas, Teltonika and HUAWEI routers and Wilsonpro and weBoost cell phone signal boosters.

More from Inteto Connect

Intracom Telecom (Intracom S.A. Telecom Solutions)

19.7 km Markopoulou Ave. Peania Athens, Greece, GR-19002 Telephone & Fax Tel.: +30-210-66 71 000

Fax: +30-210-66 71 001

Intracom Telecom is a global telecommunication systems and solutions vendor. The company is the benchmark in fixed wireless access and innovates in the 5G/4G wireless RAN transport and small-cell SON backhaul.

Home & Business Ultra Broadband FWA