

A person is seen from behind, sitting on a wooden bench on a dark, rocky outcrop. They are looking out over a vast, hazy valley filled with rolling hills and small settlements. The sky above is a deep, dark blue, filled with countless stars and the bright, colorful band of the Milky Way galaxy stretching across the horizon. The overall mood is one of vastness and contemplation.

bics

**Scale capacity at will and enter
new global markets**

Capacity solutions

Greater control and customisation for all your connectivity needs

Unrivaed connectivity worldwide

- Trusted by 2500 customers worldwide
- 20+ years of global industry knowledge and capacity expertise
- Proven quality of service
- World-class network management
- Local 24x7 customer support
- Fast service delivery and commercial flexibility
- Carrier-grade network footprint

BICS Capacity offering

Our wholly-owned managed infrastructure enables telecommunication providers, enterprises, and cloud communications service providers to expand and scale capacity to any business requirement.

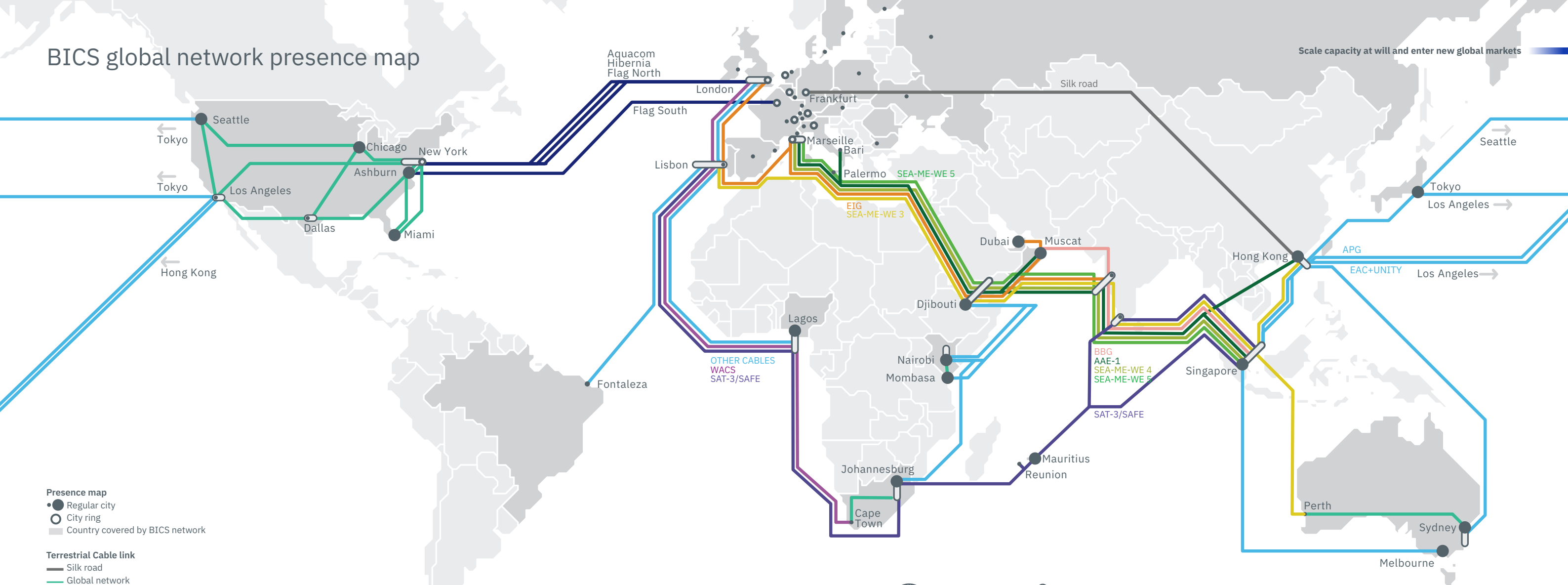
Our operator relationships and expertise provide you with a global network backbone in which to increase capacity, without the added cost of owning infrastructure.

Just one trusted capacity partner for the entire world.

BICS headquarters:
Boulevard du Roi Albert II, 27
1030 Brussels, Belgium
bics-com@bics.com

Brussels | Bern | Beijing | Dubai | New York | San Francisco | Singapore

BICS global network presence map



Scale capacity at will and enter new global markets



140
points-of-presence
(PoPs) worldwide



Direct connectivity
to major cloud service
providers, such as
AWS, Azure, and
Google Cloud



Global partnerships
with **40+** internet
exchange points (IXPs)
around the world



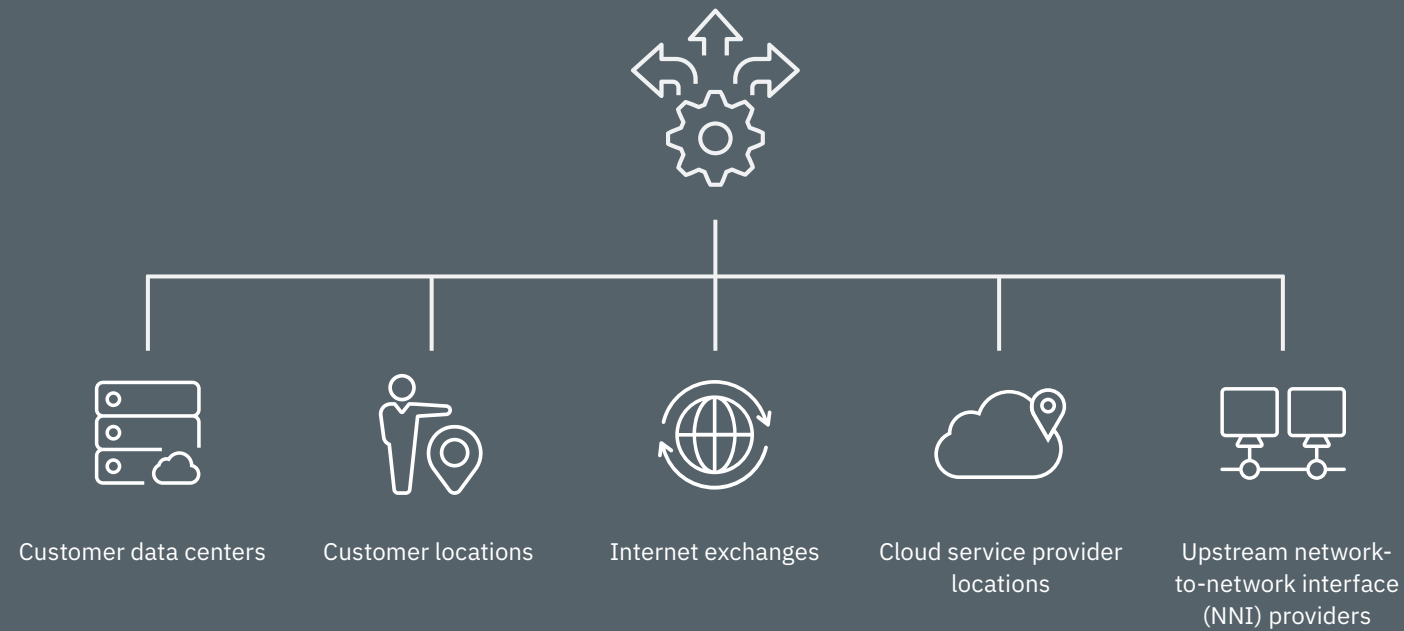
A fully owned and
operated **satellite
station** in La Ciotat



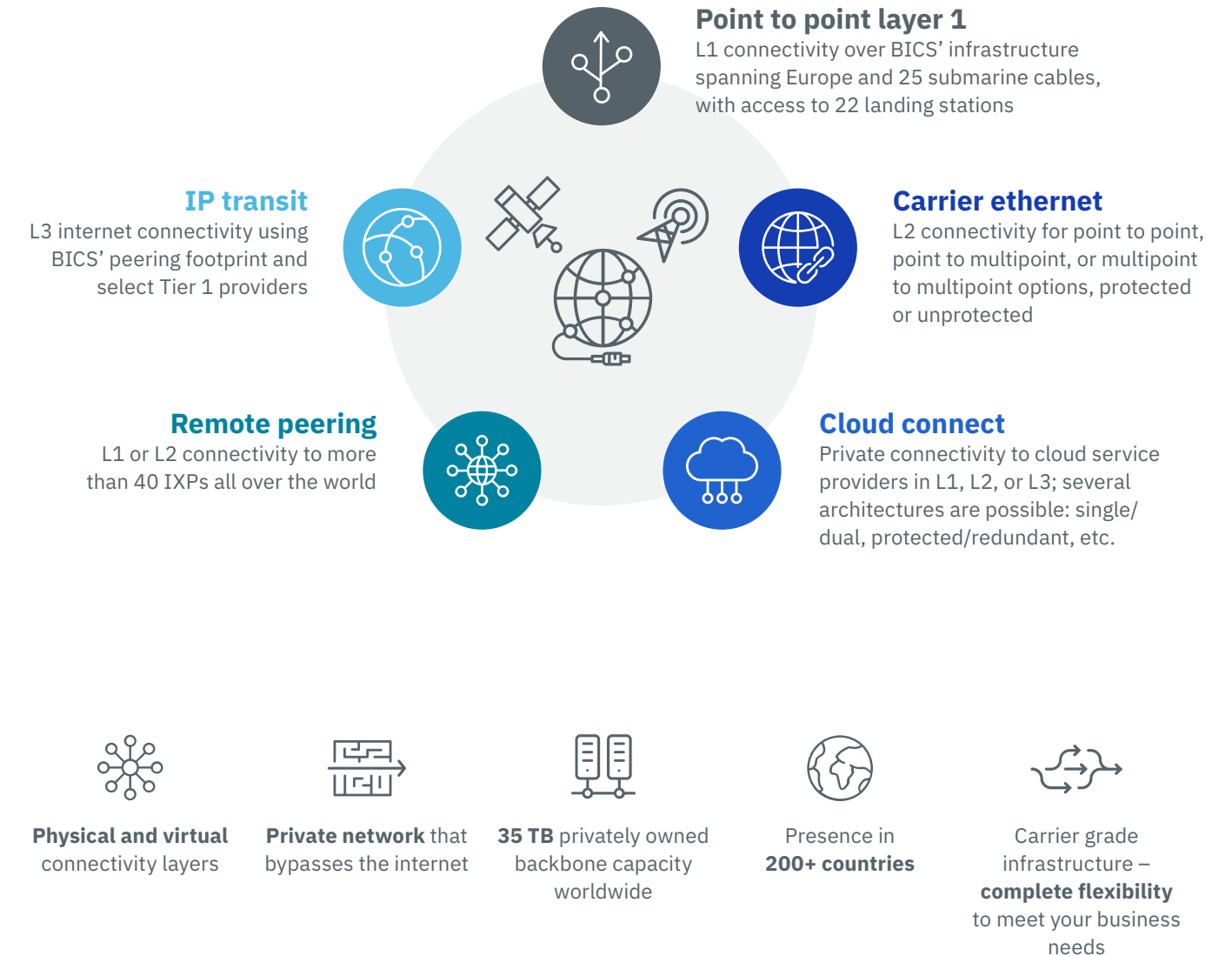
Investor and/or
consortium member in
25+ submarine cable
systems (AAE-1, EIG,
BBG, SAFE/SAT3,
WACS, EASSy,
SMWE 3/4/5, etc.)

Reliable solutions for your business needs

Seamless connectivity for a variety of access points



The BICS Capacity portfolio



Point to point layer 1

Point to point physical connectivity

Key features

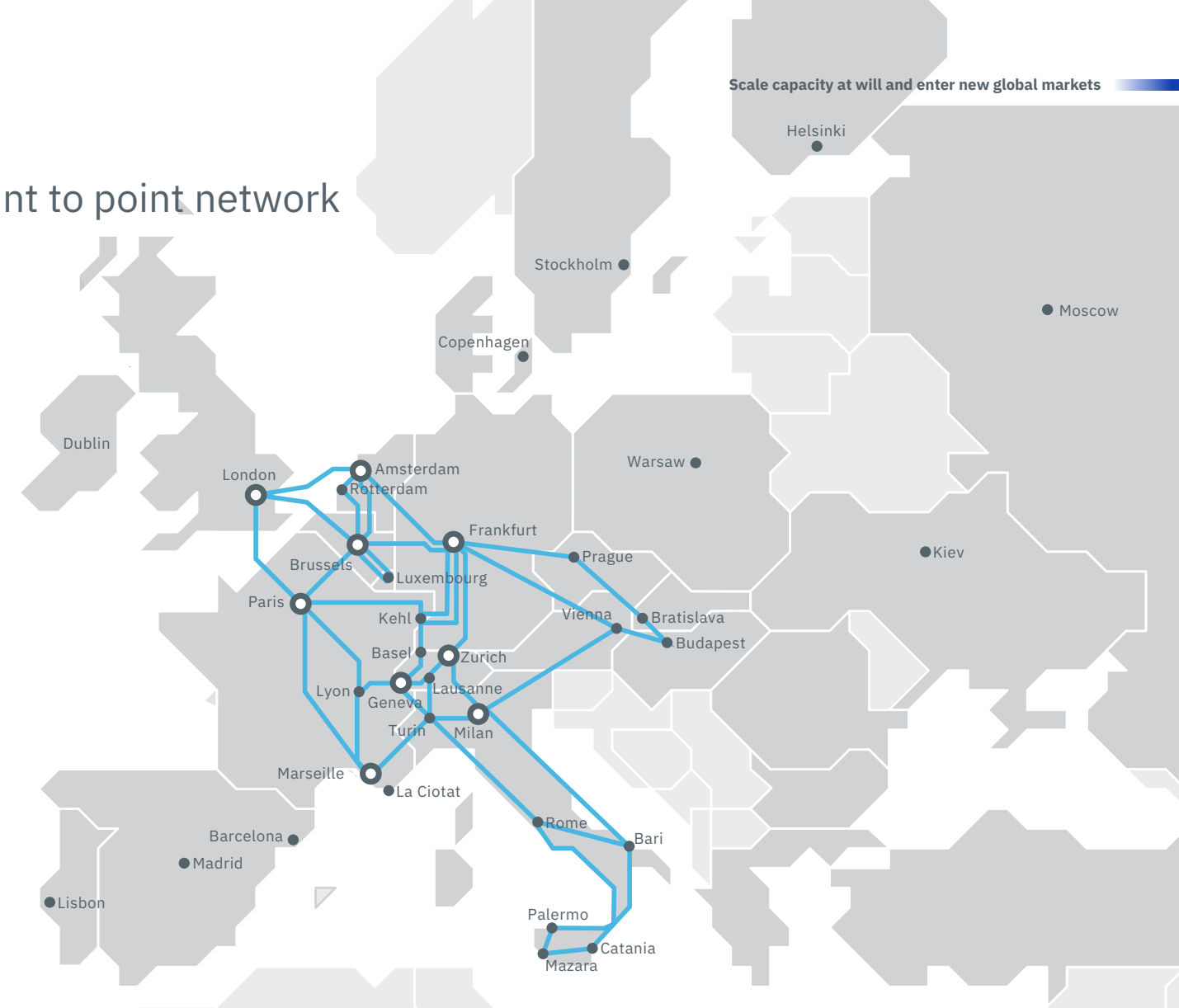
- Pan-European network interconnecting the major cities and cable landing stations in Europe
- Backhaul provider in all major European landing stations
- Strong presence in the West African coast and Indian Ocean islands, connecting Asia to the Middle East and Europe
- Unique transport routes in Europe

Benefits

- **Flexibility:** highly adaptive to your business needs with transparent high-speed capacity solutions on a state-of-the-art optical transport network (OTN) and dense wavelength division multiplexing (DWDM) platform
- **Scalability:** deploy wavelength services where they are needed most, anywhere across our footprint
- **Unique transport routes:** to and through countries including Belgium, Luxembourg, and Switzerland, offering diversity from paths used by other operators
- **Direct access:** to London, Lisbon, Palermo, Bari, and Marseilles submarine cable landing stations, combined with our IXP reseller status, to give a unique end-to-end managed solution for customers based in Africa, Asia-Pacific, or the Middle East



Point to point network



140 PoPs
worldwide



35 TB of privately owned
backbone capacity



Assets across
25 submarine cables

Carrier ethernet

Expand your network footprint using the BICS MPLS network

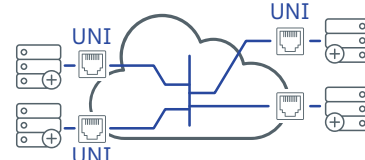
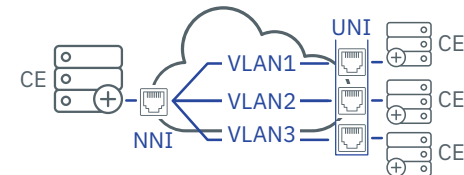
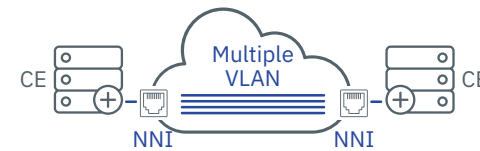
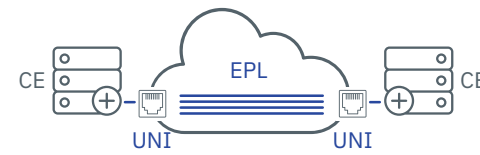
Key features

- Multiple topologies in line with Metro Ethernet Forum (MEF) standards: ethernet private line (EPL), ethernet virtual private line (EVPL), and ethernet virtual private network (EVPN) upwards of 2Mbps depending on the region
- Redundancy and backup options
- International presence
- Guaranteed latency with our Carrier Ethernet Express offering
- Multiple classes of service to prioritize traffic
- Traffic and KPI-based reporting through the myBICSportal
- Flat and usage-based billing
- Competitive service level agreements (SLAs)

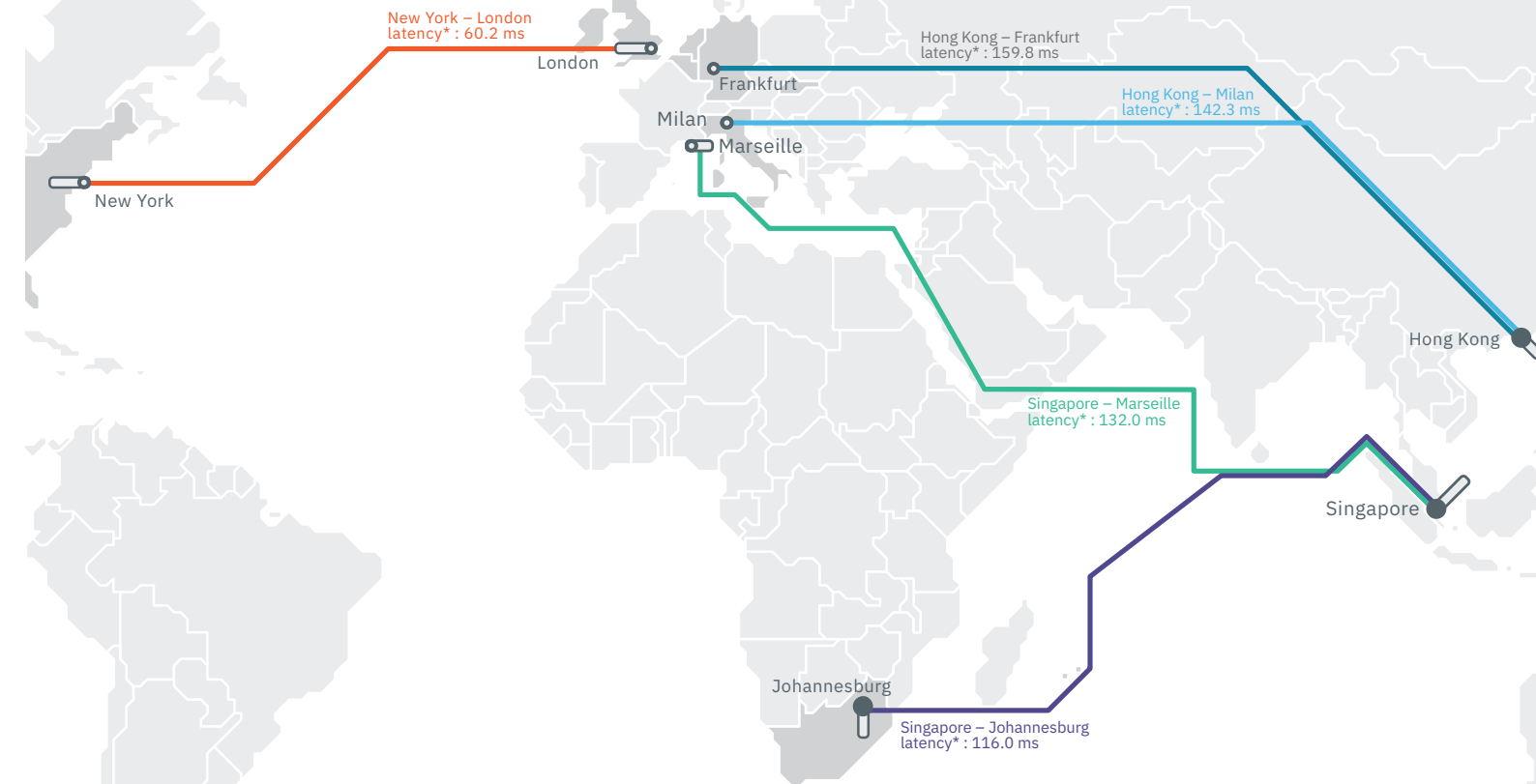
Benefits

- **Transmit data securely** through a robust connection
- **Extremely high levels of network performance** and resilience anywhere in the world
- **Fast deployment and ease of scalability** depending on your bandwidth needs
- **Benefit from our extensive supplier base**, to extend your connectivity to your end customer
- **Access one-stop-shop service** across high-speed NNIs
- **Save costs** with an effective solution via one provider

Carrier Ethernet Network Topologies



BICS low latency routes



Delivery across more than
140 PoPs all over the world



2Mbps minimum capacity
supported per line



25 submarine cables

* Commitment is on these values with an additional safety margin.

IP Transit

Easy access to the internet

Key features

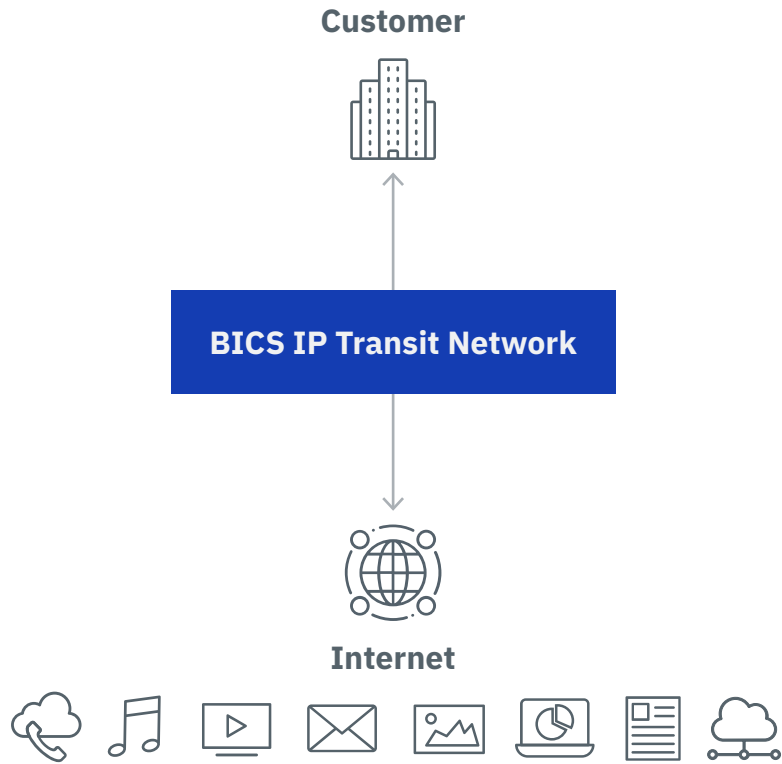
- Reliable transport via major global IXPs and Tier 1 providers
- Extensively peered, global multi-100Gbps IP network ensuring stability and optimal latency (AS6774)
- Border Gateway Protocol (BGP) communities allow control over announcement of routes via the BICS network

Benefits

- **Match your business needs** with flexible billing models
- **Gain convenience** with a single NOC for all requests
- **SDH and ethernet** network compatibility
- **Quick and hassle-free** connectivity
- **Cost-effective solution** by leveraging the BICS global carrier-grade network footprint



How BICS IP Transit works



 140 access points	 Delivering around 1Tbps of peering traffic to customers	 Connected to 40+ internet exchanges worldwide	 More than 400 peering relationships	 Several Tier 1 interconnections for redundancy and optimized latency
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Remote peering

Easily expand your network footprint

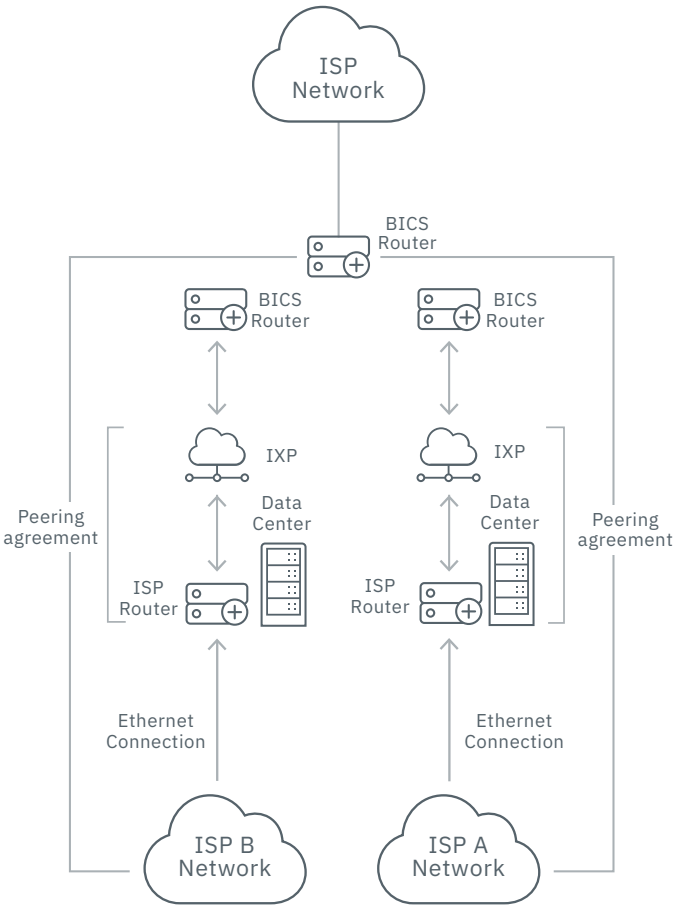
Ensure greater latency performance to your destinations

Key features

- Direct connections to major IXPs through a single port
- Less latency deviation with stable, predictable routing over a multi-100Gbps IP backbone
- Connect with other peers anywhere, via major IX partners
- Boost bandwidth to address peak usage periods with burstable capacity and the ability to shift between IXPs
- High-performance, robust, secure service for mission-critical traffic

Benefits

- **Greater predictability:** peering partner traffic will always flow over the peering link and not transmit via other third parties
- **Increase control:** easily manage traffic flows with direct peering
- **Optimize costs:** no need to invest in costly network infrastructure or colocation
- **Increase revenue:** bypass upstream providers by activating peering with high traffic flows, directly delivering to the correct peer and attracting traffic for your customers
- **Improve quality of service:** decrease packet loss, reduce latency, and avoid service delays with BICS' extensive private network and proven track record for managing complex implementations



Remote peering footprint



140 access points



Delivering around 1Tbps of peering traffic to customers



Connected to 40+ internet exchanges worldwide



More than 400 peering relationships

Cloud Connect

Secure access to a range of major cloud platform providers

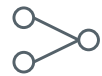
Connectivity options



Unprotected line



Protected



Diverse routes with a single interface at the cloud provider's site



Diverse routes with a single interface at the customer side

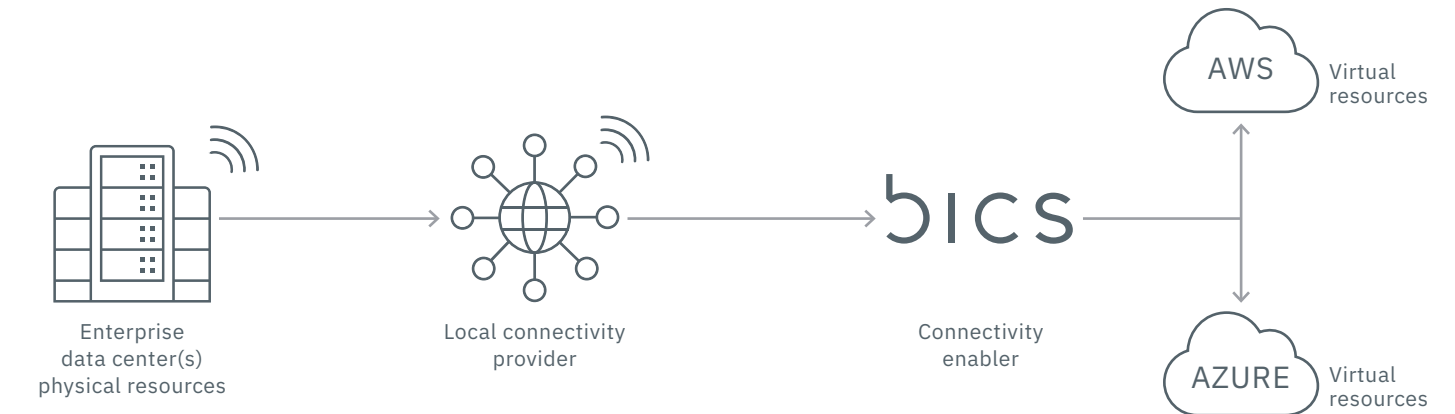
Benefits

- Private international, multi-cloud connectivity that bypasses the internet
- Present at major cloud service providers, including AWS, Microsoft Azure, Google Cloud, and more
- Multiple protection options via shared and dedicated ports to keep traffic secure
- Flexible billing: flat fee or usage-based fee — choose the payment model that suits your requirements
- End-to-end secure connectivity: critical data moves only via authorized hops between your data center and your cloud service provider via the BICS private network
- Self-service portal: autonomously manage and create new direct connections to the cloud quickly and with ease

Key features

- **Guaranteed global reach:** connected to cloud service providers in every major region, eliminating the need to manage multiple providers
- **Expedited setup:** add Cloud Connect to your portfolio in just a few days — BICS has a global presence in 80 countries through 140 PoPs and more than 40 IXPs
- **Pay as you grow:** only pay for the connectivity you need — interconnection between your network and the BICS network is free, and adapted according to your bandwidth needs
- **Full cloud service provider (CSP) alignment:** BICS can tailor the bandwidth offer to match the requirements of your cloud platform, so you will never be limited or obliged to oversubscribe
- **Competitive turnkey solution:** a simple pricing model that includes everything you need to get connected — instead of paying for each individual VLAN, patch, or port, you can buy a complete service at great value
- **Leverage your existing physical port** if you provision Cloud Connect as a separate virtual local area network (VLAN) with other BICS IP services, such as Remote Peering

Cloud Connect



More than **140** PoPs globally to interconnect with BICS



Connectivity to more than **15** cloud service providers



4 protection schemes available



Partner relationships with all major cloud service providers: AWS, Microsoft Azure, and Google Cloud

Internet Exchange Points (IXPs)

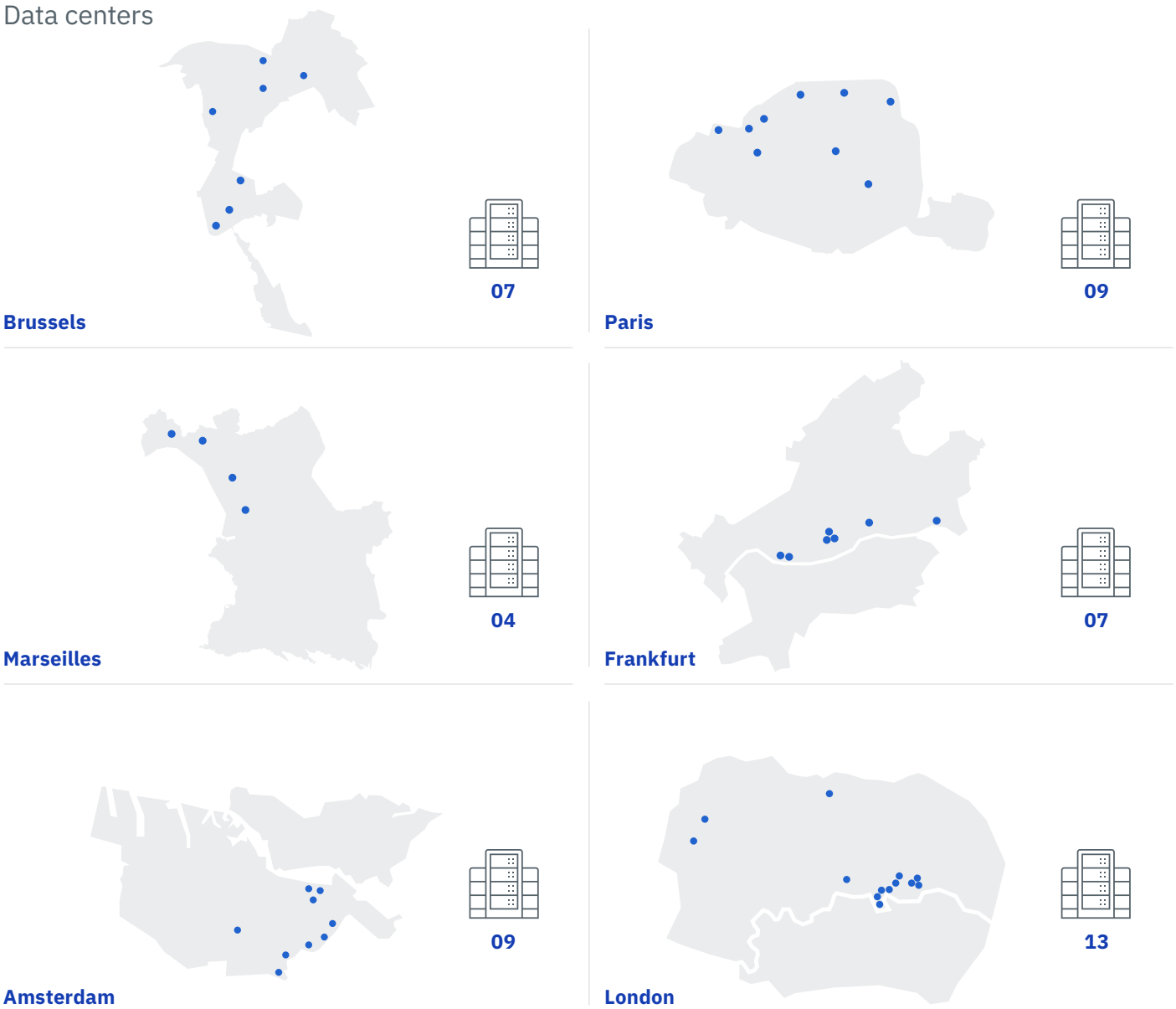
Secure access to a range of major cloud platform providers

Country	Name
Germany	NETIX
	NL-IX
	DE-CIX
	Kleyrex
Netherlands	AMSIX
	NL-IX
	Asteroid
UK	LINX
	LONAP
	NL-IX LONDON
Belgium	BNIX
Japan	BBIX
	JP-IX
	JPNAP
Korea	KINX
Russia	MSK-IX
Luxembourg	LUCIX
France	EQUINIX
	SFINX
	NL-IX
	HOPUS
	FRANCE-IX

Country	Name
US	DE-CIX NY
	EQUINIX
	NY-IIX
	LA-IIX
	EQUINIX
Hong Kong	AMSIX HK
	HKIX
Singapore	EQX-SGP
South Africa	NAPAfrica
Dubai	UAE-IX
Djibouti	DJIX
Kenya	KIXP
Nigeria	IXPN
	WAFIX
India	MUMBAI IX
Poland	EQUINIX
Denmark	NETNOD
Stockholm	NETNOD
Vienna	VIX
Brazil	IX.BR
Ireland	INEX
Mauritius	MIXP

BICS network city rings

Data centers



BICS points of presence

Country	Postal Code	City	Address	Colocation provider	Campus
Australia	2020	Sydney (Mascot)	Gardeners Road 639	Equinix	SY1
	3207	Melbourne	Lorimer Street 600	Equinix	ME1
Austria	1210	Vienna	Louis Hafliager Gasse 10	InterXion	VIE1
Belgium	1000	Brussels	Rue Lebeau 2	BICS	-
	1000	Brussels	Rue du Canon 36	BICS	-
	1831	Brussels (Diegem)	Kouterveldstraat 13	LCL	-
	1930	Brussels (Zaventem)	Wezembeekstraat 2	InterXion	BRU1
	1140	Brussels (Evere)	Rue de Carly 2	BICS	-
	1140	Brussels (Evere)	Avenue Leon Grosjean 3	Level 3	-
	1140	Brussels	Avenue Jules Bordet 15	Mobistar	-
	60182-330	Fortaleza - CE	Rua Raimundo Esteves n. 333	GlobeNet	-
	10600	Praha	Nad Elektrarnou 411	CeColo	-
Czech Republic		Copenhagen	Industriparken 20A	Interxion	-
Denmark		Djibouti City	Boulaos Street	Djibouti Data Center	-
France	93290	Paris (Tremblay)	Avenue des Nations 227	Level 3	-
	75002	Paris	Rue des Jeuneurs 38	Telehouse	1
	75001	Paris	Boulevard Voltaire 137	Telehouse	2
	93500	Paris	Bis Avenue du General Leclerc 110	Equinix	PA3-6
	93300	Paris	Rue des Gardinoux 20	Interxion	PAR2
	93534	Paris (Aubervilliers)	Avenue Victor Hugo 45	Interxion	PAR1,3,5,7
	93200	Paris (Saint-Denis)	Avenue Ambroise Croizat 114	Equinix	PA2
	92400	Paris (Courbevoie)	Boulevard de Verdun 124	SFR	-
	13005	Marseille	Avenue de la Bauxite 5	Verizon	-
	13003	Marseille	Avenue Roger Salengro 40	Interxion	MRS1
	13015	Marseille	Chemin du Littoral 136	Interxion	MRS2
	13600	La Ciotat	Avenue de la Coriandre 110	BICS	-
	13016	Marseille	Chemin du Passet 70	Jaguar	MRS-01
	69200	Lyon (Venissieux)	Rue Georges Marannes	LDCOM	-
	93200	Paris (Saint Denis)	Rue Ambroise Croizat 114	Equinix	PA3*
	02630	Helsinki	Sinimentie 12	Equinix	HE6
	60327	Frankfurt	Kleyerstrasse 90	Itenos	-
	60326	Frankfurt	Kleyerstrasse 90	Equinix	FR5
	60314	Frankfurt	Weismullerstrasse 19	Interxion	FRA1-15
	60388	Frankfurt	Friesstrasse 26	Equinix	FR2-3
	60313	Frankfurt	Taubenstrasse 7-9	Equinix	FR1
	65933	Frankfurt	Larchenstrasse 110	Equinix	FR4-6
	60327	Frankfurt	Gutleutstrasse 310	Equinix	FR7
	77694	Kehl	Hafenstrasse 1	Stadt Kehl	-
Hong Kong		Hong Kong (Chai Wan)	Chai Wan Road 399	Mega I Advantage	9F & 10 F
Italy	20153	Milan	Via Caldera 21	Irideos	-
	90146	Palermo	Via Ugo La Malfa 99	Campus Telecom IT	Via Fastweb
	10149	Torino	Corso Svizzera 185	Irideos	-
Japan	142-0043	Tokyo (Shinagawa-ku)	NF Park building, 3F 2-9-15 Futuba	Mind	-
	100-1004	Tokyo	Otemachi, 1-9-5, Chiyoda-ku	Equinix	TY
Kenya		Nairobi	Sameer Industrial park	Liquid	EADC
		Mombasa	Opposite New Jomvu Total Mombasa Road	Icolo	-
Luxembourg	L-8080	Luxembourg (Bertrange)	Rue de Luxembourg 177	Tango	-
	L-1543	Luxembourg	Boulevard Peirre Frieden 45	BCE	-
	L-3235	Luxembourg (Bettembourg)	Rue Graham Bell 4	Datacenter Luxconnect	DC1
Mauritius	72201	Ebene	Cybertower 1 (second floor)	Kaldata module 2B6	Wing B
Netherlands	1096 AX	Amsterdam	Joop Geesinkweg 401-404	Centurylink	-
	1101 EC	Amsterdam	Luttenbergweg 4	Equinix	AM1-2
	1098 SJ	Amsterdam	Science Park 121	Interxion	AMS9
	1098 XG	Amsterdam	Science Park 120	Digital Realty (Telecity1)	AMS01

Country	Postal Code	City	Address	Colocation provider	Campus
	1101 AE	Amsterdam	Kuiperbergweg 13	Equinix (Telecity2)	AM7
	1105 AT	Amsterdam	Schepenbergweg 42	Equinix (Telecity5)	AM5
	1066 VH	Amsterdam	Johan Huizingalaan 759	Global Switch	-
	3044 CK	Rotterdam	Vlaardingweg 62	Centurylink	-
	2031 BE	Haarlem	J.W. Lucasweg	Iron Mountain	-
	1098 XG	Amsterdam	Science Park 105	NIKHEF	-
	1096 AH	Amsterdam	Duivendrechtsekade 80A	Equinix	AM6
Nigeria		Lagos	Chief Chuks Ikokuw Street	MainOne	MDX-i
Oman	112	Muscat (Ruwi)	Telecommunication Tower Bldng (TCC)	Omantel	-
Poland	00-697	Warsaw	Jerozolimskie avenue 65/79	Equinix-WA1	-
Portugal	2685-338	Lisbon	Rua Severino Falcao Quinta da Francelha 14	Equinix	LS1
Russia	117.485	Moscow	Butlerova Ulitsa 7	MMTS-9	-
Singapore	139964	Singapore	Ayer Rajah Crescent 20	Equinix	SG1
Singapore	139964	Singapore	Ayer Rajah Crescent 20	Equinix	SG3
South Africa		Johannesburg (Isando)	Brewery Street 5	Teraco	JB1
Spain	28108	Madrid (Alcobendas)	Valgrande II 6	Equinix	MD2
	08038	Barcelona	Calle Acero 30-32	Equinix	BA1
	161 02	Stockholm	Mariehallswagen 36 box 20165	Equinix (Telecity)	SK1
	8048	Zurich	Binzring 17	Swisscom	-
	8005	Zurich	Josefstrasse 225	Equinix	ZH2
	8152	Zurich (Glattbrugg)	Sagereistrasse 35	InterXion	-
	1202	Geneva	Rue Richard Wagner 6	Swisscom	-
	1204	Geneva	Rue de la Confederation 6	Equinix	GV1
	1217	Geneva	Rue de Meyrin 385	CERN	-
	4051	Basel	Wallstrasse 22	Swisscom	-
	1003	Lausanne	Avenue Schnetzler 3	Swisscom	-
	500389	Dubai	Sheikh Mohammed Bin Zayed Rd F 88-92	Equinix	DX1
UAE	E14 9YY	London	East India Dock Road 240	Level 3	-
	E14 9YY	London	East India Dock Road 240	Global Switch	-
	E14 2AA	London	Coriander Avenue	Star Suite Europe	-
	E14 2AA	London	Coriander Avenue	Telehouse	North
	E14 2AA	London	Coriander Avenue	Telehouse	East
	E14 2AA	London	Coriander Avenue	Telehouse	West
	E14 9SD	London	Marsh Wall 227	Digital Realty	SOV
	SL1 4AX	London	Buckingham Avenue 8	Equinix	LD5
	SL1 4NB	London	Buckingham Avenue 2	Equinix	LD4
	SL1 4NB	London	Buckingham Avenue 352	Equinix	LD6
	E14 9GE	London	Harbour Exchange 6-7/8-9	Equinix	LD8
	E14 9NN	London	Greenwich View Place 5	Telstra	LHC
	EC2A 4HB	London	Clifton Street 80	Redcentric	*
	01033	Kyiv	Haidara 50	New Telco	-
		Kyiv	Kurenevskaya 21	BeMobile	-
Ukraine		Kyiv	Gaidara ulitsa 50	New Telco	-
		Kyiv	8th Avenue 111	Telx	NYC2
USA	10011	New York	8th Avenue 111	Telx	NYC2
	10011	New York	8th Avenue 111	Telx	NYC2
	10013	New York	Hudson Street 60	Telx	NYC1
	60616	Chicago	East Cermak Road 350	Equinix	CH2
	75207	Dallas	North Stemmons Fw	Equinix	DA1
	75201	Dallas	Bryan Street 2323	Partner	-
	20147	Ashburn	Filigree CT 21715	Equinix	DC2
	90017	Los Angeles	S. Grand Ave 624	One Wilshire	LA1
	33132	Miami	NE 9th Street 50	NAP	-
	98121	Seattle	2001, Sixth Avenue, 4th floor, Suite 1202	Equinix	SE2

Testimonials

Retelit

Launching a joint connectivity solution to bridge Europe, via Bari in Italy, to Singapore and Hong Kong through the AAE-1 subsea cable system.

“Our partnership with BICS confirms the validity of our investment in the AAE-1 consortium, as well as the strength and efficiency of our infrastructure network. Through this unique solution, AAE-1 consortium members will benefit from a greater return on investment as well as increased opportunities for their business. Bari has proved to be an attractive route as an alternative hub, providing greater capacity and connecting Europe and Asia with minimal latency.”

Federico Protto
CEO, Retelit

Case study

WIOCC

Providing customers with reliable data transport connectivity across Europe using BICS’ Wavelength solution.

WIOCC, a hyperscale network infrastructure provider in Africa, was approached by a client whose existing third-party connectivity contract – which formed the backbone of its data trans – was being terminated in just three days. With the BICS Wavelength solution, WIOCC could successfully address the urgent needs of its client to replace the core network connection, without compromising on quality of service.

Swisscom

A single provider for handling all of your international connectivity needs.

“Thanks to its flexibility and reactivity, BICS is the ideal partner to support Swisscom’s international internet backbone in line with our business growth. Working with a single provider that can increase our international connectivity footprint, while also ensuring the highest quality of global interconnections, means that we can plan our resources more efficiently.”

André Chapuis
Network Engineer, Swisscom



For more information, please visit:
www.bics.com

bics