

Deutsche Telekom

International Carrier Sales and Solutions
 Friedrich-Ebert-Allee 71-77
 Bonn 53113
 Germany
 Tel. +49 228 1811 3311
 Fax +49 215 5300 3809
<http://www.telekom-icss.com>

CONTACTS

Miles McWilliams, Head—Global Sales
 IPT/CDN
miles.mcwilliams@t-systems.com

Ruth Benthien, Senior Manager—Market
 Communications
r.benthien@telekom.de

COMMENTS

German incumbent carrier Deutsche Telekom operates an extensive domestic and international network and provides bandwidth services around the globe.

In addition to providing complete coverage in Germany, Deutsche Telekom offers full services through its own business units, subsidiaries, and affiliated group companies throughout Europe.

The city list is not exhaustive in the home country. For a complete list, please contact Deutsche Telekom.

CONNECTIVITY

Submarine Systems

Direct cable ownership 6
 IRU and leased capacity 4

SERVICE OFFERINGS

SDH/SONET

- STM-1/OC-3
- STM-4/OC-12
- STM-16/OC-48
- STM-64/OC-192

Wavelengths

- 10 Gbps
- 40 Gbps
- 100 Gbps

Other

- Dark Fiber
- Spectrum

Ethernet

Technology

- EoMPLS
- EoDWDM
- EoSDH

Bandwidth

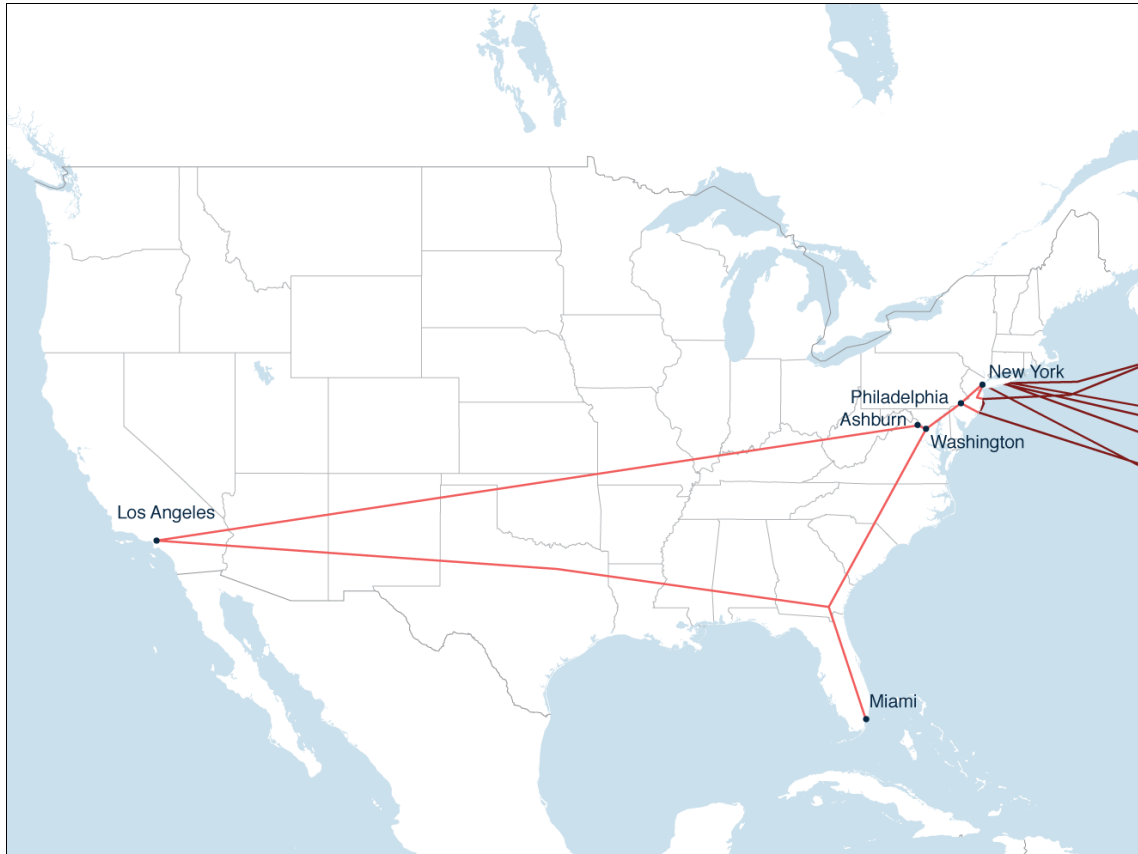
- 100 Mbps
- 1 Gbps
- 10 Gbps
- 40 Gbps
- 100 Gbps

PURCHASE OPTIONS

	Dark Fiber	Wave- lengths	SONET/ SDH	Ethernet
Leases				
Occasional Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under 1 year	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1-3 Years	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Over 3 years	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lease to IRU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Indefeasible Rights of Use				
IRU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5 to 15 years IRU Length in Years

- IRU Includes capacity upgrade options





Carrier is incumbent in highlighted region. Connectivity more extensive than shown.

CITY CONNECTIVITY

Amsterdam, Netherlands	Gdansk, Poland
Arad, Romania	Gdynia, Poland
Ashburn, Virginia, United States	Gelsenkirchen, Germany
Bacau, Romania	Geneva, Switzerland
Barcelona, Spain	Gliwice, Poland
Bekescsaba, Hungary	Gorzow Wielkopolski, Poland
Belgrade, Serbia	Gyongyos, Hungary
Berlin, Germany	Gyor, Hungary
Bialystok, Poland	Hamburg, Germany
Bielefeld, Germany	Hannover, Germany
Bielsko-Biala, Poland	Helsinki, Finland
Bochum, Germany	Hodonin, Czech Republic
Bors, Romania	Hong Kong, China
Brasov, Romania	Hradec Králové, Czech Republic
Bratislava, Slovak Republic	Hrebennie, Poland
Brno, Czech Republic	Iasi, Romania
Brussels, Belgium	Istanbul, Turkey
Bucharest, Romania	Jihlava, Czech Republic
Budapest, Hungary	Kalisz, Poland
Bydgoszcz, Poland	Karlovy Vary, Czech Republic
Ceske Budejovice, Czech Republic	Katowice, Poland
Cheb, Czech Republic	Kecskemet, Hungary
Chisinau, Moldova	Kielce, Poland
Cluj Napoca, Romania	Kiev, Ukraine
Cologne, Germany	Kolobrzeg, Poland
Constanta, Romania	Koszalin, Poland
Copenhagen, Denmark	Kraków, Poland
Craiova, Romania	Legnica, Poland
Czestochowa, Poland	Liberec, Czech Republic
Darmstadt, Germany	Ljubljana, Slovenia
Debrecen, Hungary	Lodz, Poland
Dortmund, Germany	London, United Kingdom
Dresden, Germany	Los Angeles, California, United States
Dunaújváros, Hungary	Lublin, Poland
Düsseldorf, Germany	Lviv, Ukraine
Edirne, Turkey	Lyon, France
Eger, Hungary	Madrid, Spain
Flensburg, Germany	Malkoclar, Turkey
Frankfurt, Germany	Manasquan, New Jersey, United States
Galati, Romania	Marseille, France

Miami, Florida, United States	Sofia, Bulgaria
Milan, Italy	Sopron, Hungary
Miskolc, Hungary	Stockholm, Sweden
Moscow, Russia	Strandzha, Bulgaria
Munich, Germany	Strasbourg, France
Munster, Germany	Stuttgart, Germany
Murska Sobota, Slovenia	Szczecin, Poland
Nagykanizsa, Hungary	Szeged, Hungary
New York, New York, United States	Székesfehérvár, Hungary
Nuremberg, Germany	Szolnok, Hungary
Nyiregyhaza, Hungary	Szombathely, Hungary
Olomouc, Czech Republic	Tapolca, Hungary
Olsztyn, Poland	Tarnow, Poland
Opole, Poland	Tatabánya, Hungary
Oradea, Romania	Timisoara, Romania
Ostrava, Czech Republic	Torun, Poland
Paks, Hungary	Tuckerton, New Jersey, United States
Paris, France	Usti nad Labem, Czech Republic
Philadelphia, Pennsylvania, United States	Vac, Hungary
Pila, Poland	Varazdin, Croatia
Plock, Poland	Veszprém, Hungary
Ploiesti, Romania	Vienna, Austria
Plzen, Czech Republic	Vienna, Virginia, United States
Poznan, Poland	Vilnius, Lithuania
Prague, Czech Republic	Warsaw, Poland
Radom, Poland	Washington, District Of Columbia, United States
Recklinghausen, Germany	Wloclawek, Poland
Riga, Latvia	Wroclaw, Poland
Ropice, Poland	Wuppertal, Germany
Rotterdam, Netherlands	Zabrze, Poland
Ruse, Bulgaria	Zagreb, Croatia
Rzeszów, Poland	Zalaegerszeg, Hungary
Salgotarjan, Hungary	Zielona Gora, Poland
Singapore, Singapore	Zlin, Czech Republic
Skierniewice, Poland	Zürich, Switzerland
Slupsk, Poland	

SUBMARINE CABLE CAPACITY

Direct Cable Ownership

- Atlantis-2
- CADMOS
- SAT-3/WASC
- SeaMeWe-3
- TAT-14
- UGARIT

IRU and Leased Capacity

- Atlantic Crossing-1 (AC-1)
- FLAG Atlantic-1 (FA-1)
- Tata TGN-Pacific
- Yellow

The content on the preceding pages is a section from TeleGeography's Global Bandwidth Research Service

The work is based on sources believed to be reliable, but the publisher does not warrant the accuracy or completeness of any information for any purpose and is not responsible for any errors or omissions.

This work is for the confidential use of subscribers. Neither the whole nor any part of this publication may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopied, recorded or otherwise, without prior written consent from PriMetrica, Inc.

All rights reserved. © 2016 PriMetrica, Inc.

TeleGeography

A Division of PriMetrica, Inc.

Washington, D.C. / San Diego / Exeter

U.S. tel: +1 202 741 0020 / U.K. tel: +44 1392 315567.

www.telegeography.com