

DID YOU KNOW?

5 **FACTS** **2nd LARGEST IP PROVIDER**
IN THE WORLD
34% **OF GLOBAL INTERNET**
TRANSITS
OUR NETWORK
200 PoPs **OWN OUR OWN**
AROUND THE WORLD **GLOBAL**
FULL REDUNDANCY AT PoP,
FIBER & DUCT LEVEL **FIBER BACKBONE**

Notes:

2nd biggest IP provider in the world: Internet Intelligence Authority Renesys. Rankings retrieved 5 Nov 2013

33.9% of the global internet transits TSIC AS1299 network: TSIC Analysis Nov 2013

TeliaSonera International Carrier
**NORTH AMERICAN
EXPANSION**

TeliaSonera International Carrier



Part of TeliaSonera group
Own network from Seattle – Singapore
We light our own network on and between 2 continents
One network 'hop' to 345 million eyeballs
Directly connected to largest global content providers

450 staff • 200 PoPs • 30 legal entities • 15 offices • 3 continents

China (Hong Kong)
Czech Republic (Prague)
Denmark (Copenhagen)
Finland (Helsinki)
France (Paris)

Germany (Frankfurt)
Hungary (Budapest)
Netherlands (Amsterdam)
Poland (Warsaw)
Russia (Moscow and St. Petersburg)

Singapore
Spain (Madrid)
Sweden (Stockholm)
United Kingdom (London)
United States (Herndon, VA)

OUR GLOBAL POSITION PUBLIC IP



*Based on Internet Intelligence Authority Renesys. Rankings retrieved 5 Nov2013

TeliaSonera International Carrier

**We have owned & operated
our own fiber backbone
in North America
since 2000.**

**Today, we are a top five IP
provider in the Americas...**

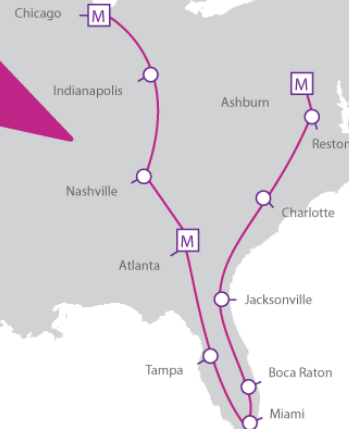
...and we just got bigger.

OUR NORTH AMERICAN HISTORY

2013 Nov Oct May	Added 11,500 miles of fiber and 8 new PoPs Added Boston PoP Added Toronto PoP
2012 Nov Jun May	Complete network upgrade to 100G Voted Best NGN Global Optical Network Network build for Facebook
2011	World's first Terabit optical trial LA-San Jose
2009	Optical equipment upgraded to Infinera DTN
2000	Initial coast to coast dark fiber acquisition and DWDM deployment
1998	License to operate in US
1996	TeliaSonera Americas established

NETWORK EXPANSION

WE'VE ADDED
11,500 MILES
OF FIBER TO
OUR BACKBONE

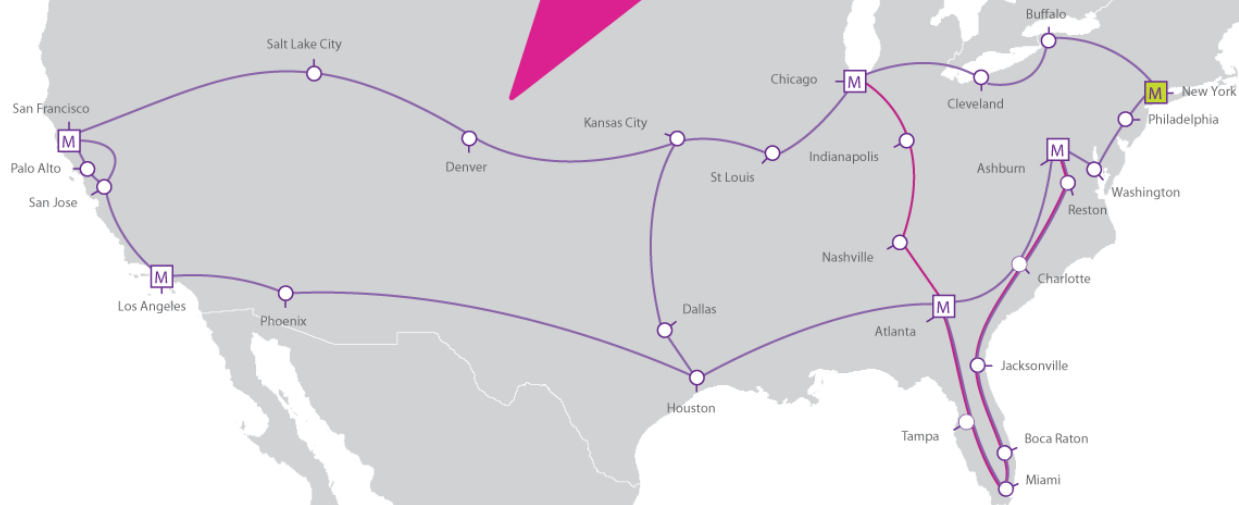


Pacific
Ocean

Atlantic
Ocean

NETWORK EXPANSION

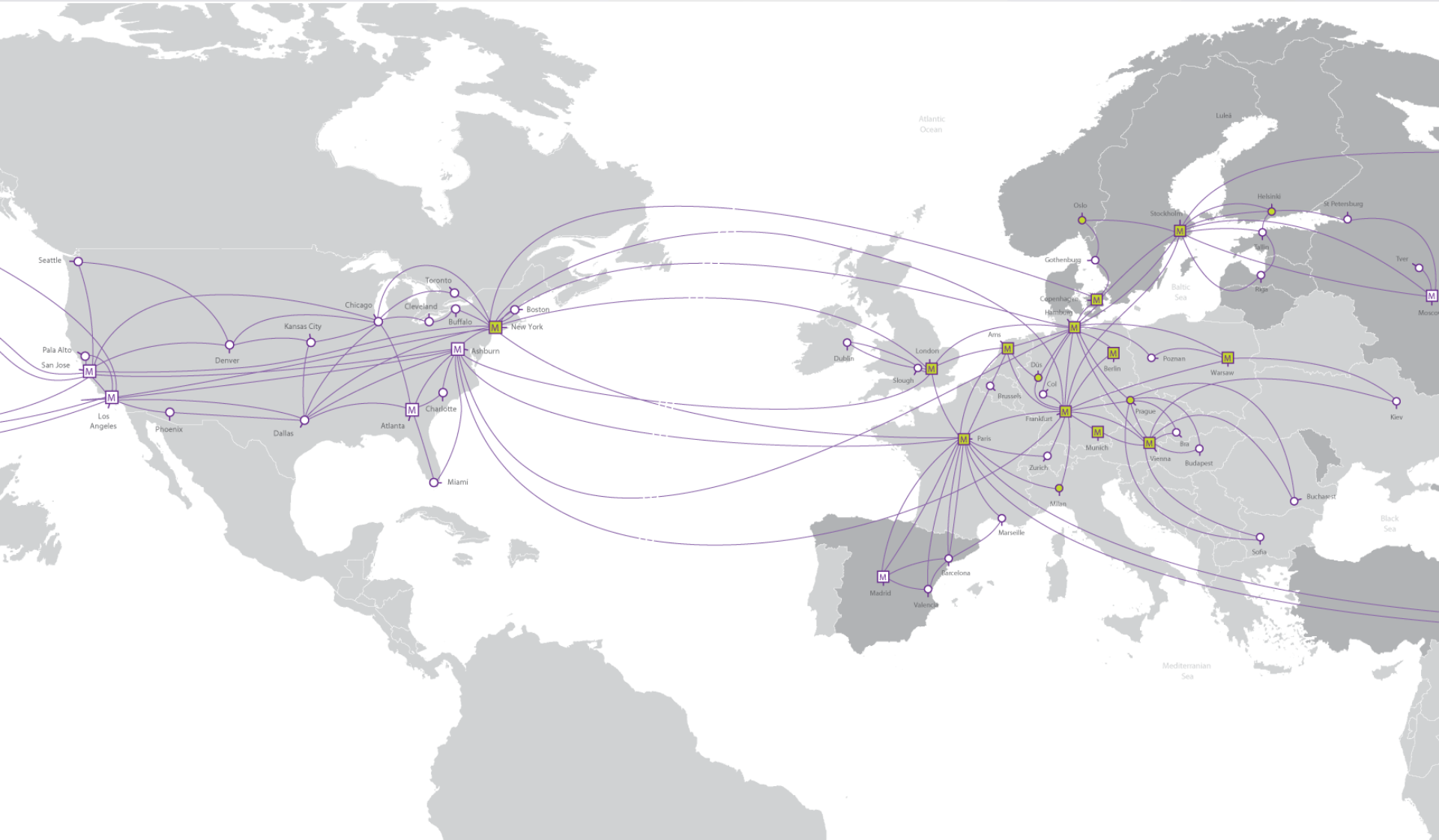
IT MEANS
GREATER REACH AND
NETWORK DIVERSITY
THROUGHOUT THE US...



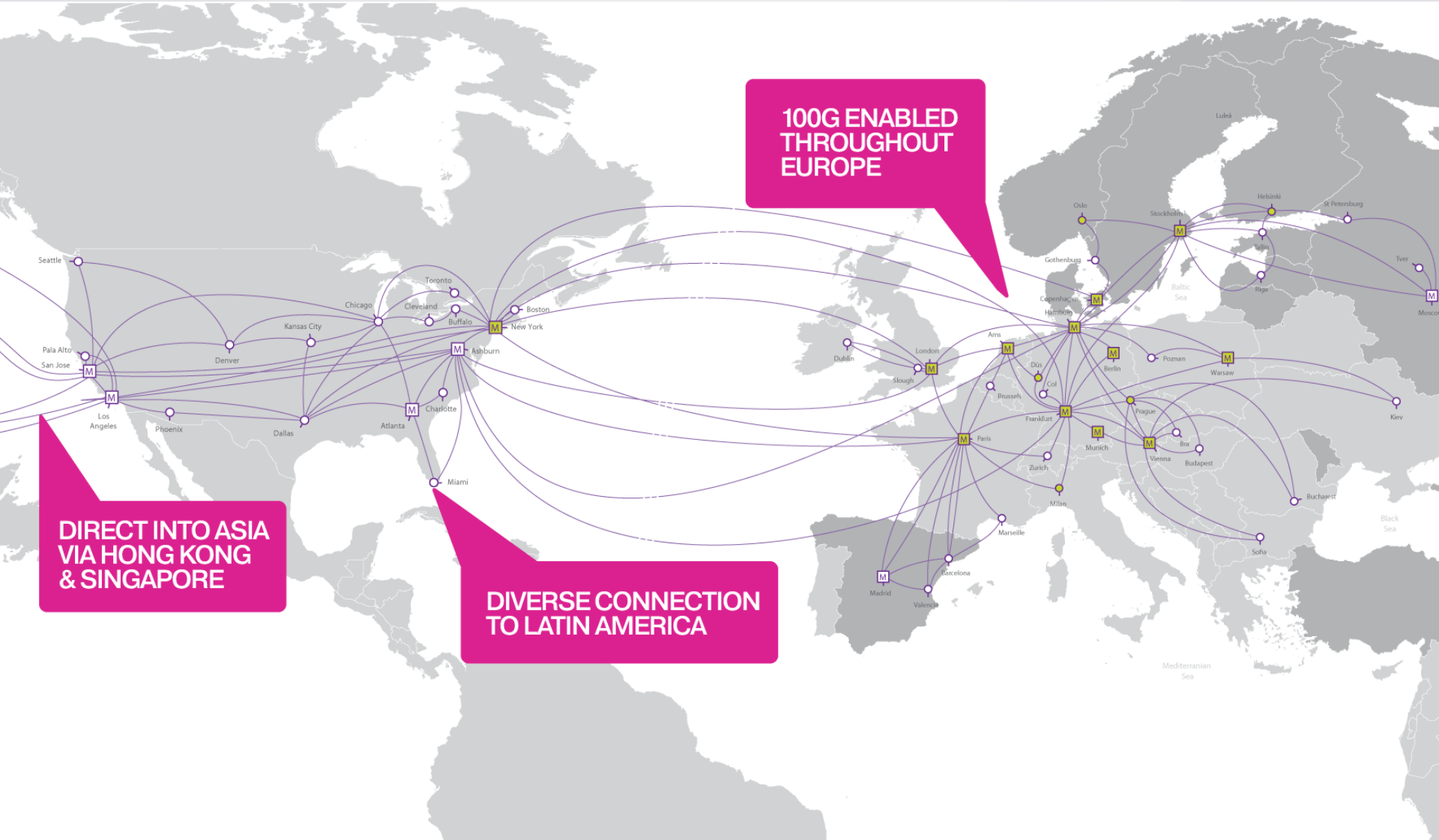
NETWORK EXPANSION



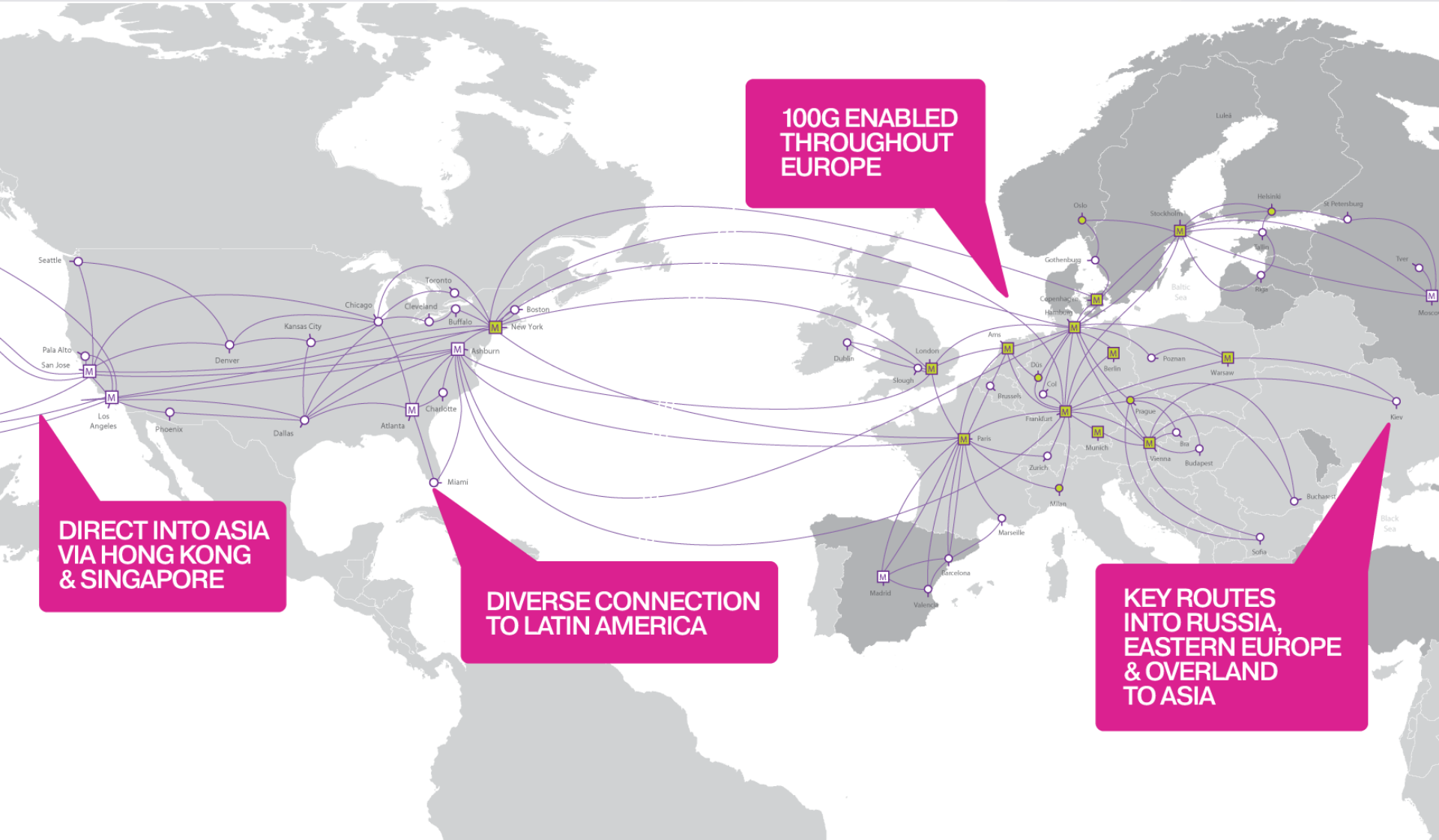
NETWORK EXPANSION



NETWORK EXPANSION



NETWORK EXPANSION



WHAT'S NEW?

- 11500 additional fiber miles in North America
- New connections: Boca Raton, Chicago, Indianapolis, Jacksonville, Manassas, Nashville, Reston and Tampa
- 50 American data centers now on-net

Bringing content providers closer to Tier 2 and 3 operators in smaller US markets

Diverse connection between Latin America and the world with Boca Raton, Jacksonville and Miami.

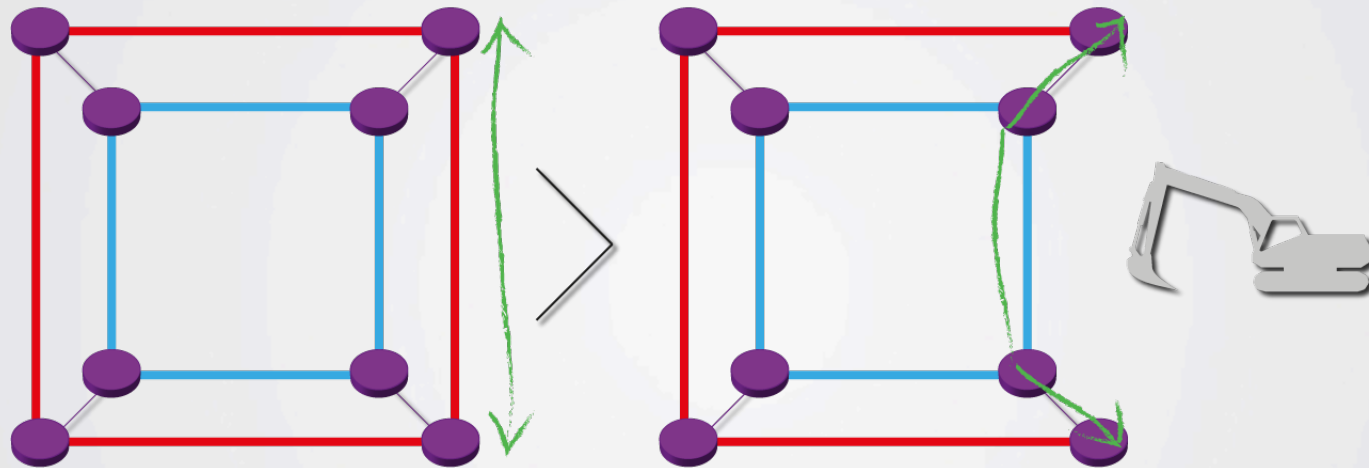
SUPERCHANNEL TECHNOLOGY



We have been using super-channels since 2012

- Infinera DTN-X throughout North America
- Fast provisioning
- Bandwidth on demand capabilities
- Best Global Optical Network 2012 & 2013

DIVERSITY MATTERS



In a diverse meshed network – during a fault:

- Stable latency
- Easier to understand consequences of a link fault
- Traffic flows are easy to predict to 3rd party networks

BUILT ON SUCCESS

TSIC AMERICAS

Volumes double each year since 2010
50 new US customers in 2013

Connecting eyeballs and content

- 345 million globally
- 15 of the top 30 US operators *
- 10 US academic & research networks

- 9 of the US top 10**
- Largest gaming companies
- CDNs & cloud providers

* Source: TSIC analysis of Renesys Nov 2013

**Source: TSIC analysis of Alexa US Top sites Nov 2013

WHY ARE WE EXPANDING?

**Customers expect anything, instantly, anywhere.
And giving it to them means everything**

We are investing to keep meeting these demands. By delivering

- Greater Reach
- More Diversity
- Better Performance

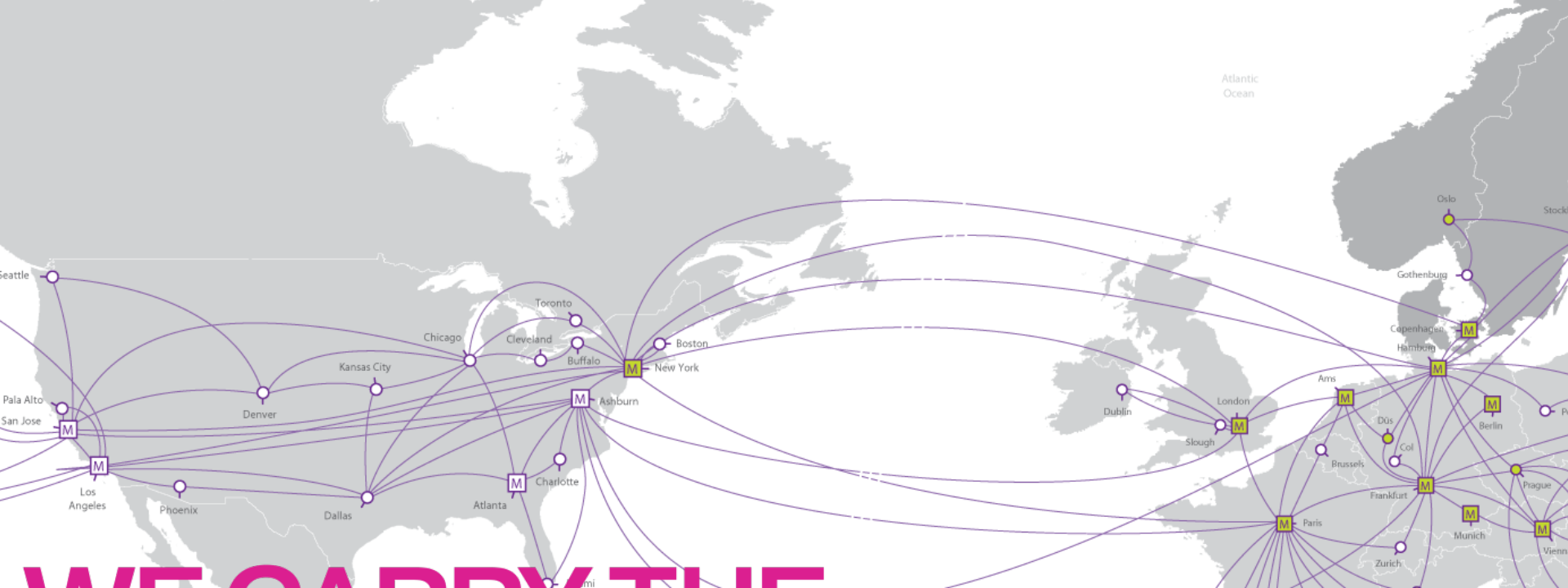
QUESTIONS?

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United States (Herndon, VA)



WE CARRY THE BIG IDEAS OF TOMORROW

SHAPING THE FUTURE BY ENABLING
INNOVATION THROUGHOUT SOCIETY
AT THE SPEED OF FIBER