

Internet Exchange Point Global Update

Version 2.0

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Packet Clearing House

Europe



Two Large Exchanges



Many, Many Smaller Exchanges



Cable Landings



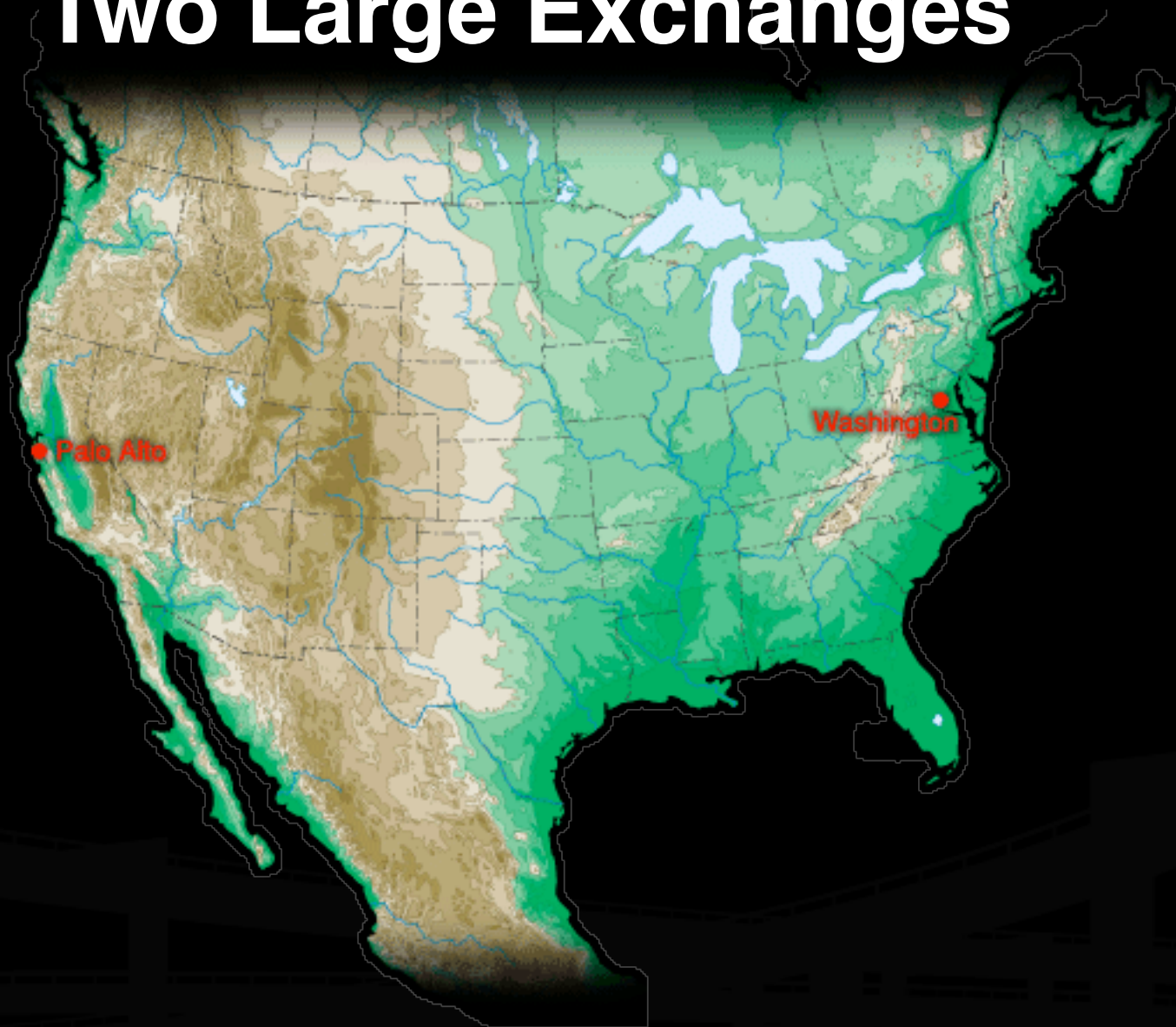
A Few of Europe's 70 IXes

	Established	Participants	Traffic Volume
Amsterdam AMS-IX	1997	212	53 gbps
London LINX	1996	169	49 gbps
Frankfurt DE-CIX	1995	140	28 gbps
Stockholm NetNod	1997	35	13 gbps
Milan MIX	2000	56	8 gbps
Prague NIX	1996	50	6 gbps
London XchangePoint	2001	166	6 gbps
Vienna VIX	1996	82	5 gbps
Gothenburg NetNod	2002	11	2 gbps
Rome NaMeX	1995	15	2 gbps

North America



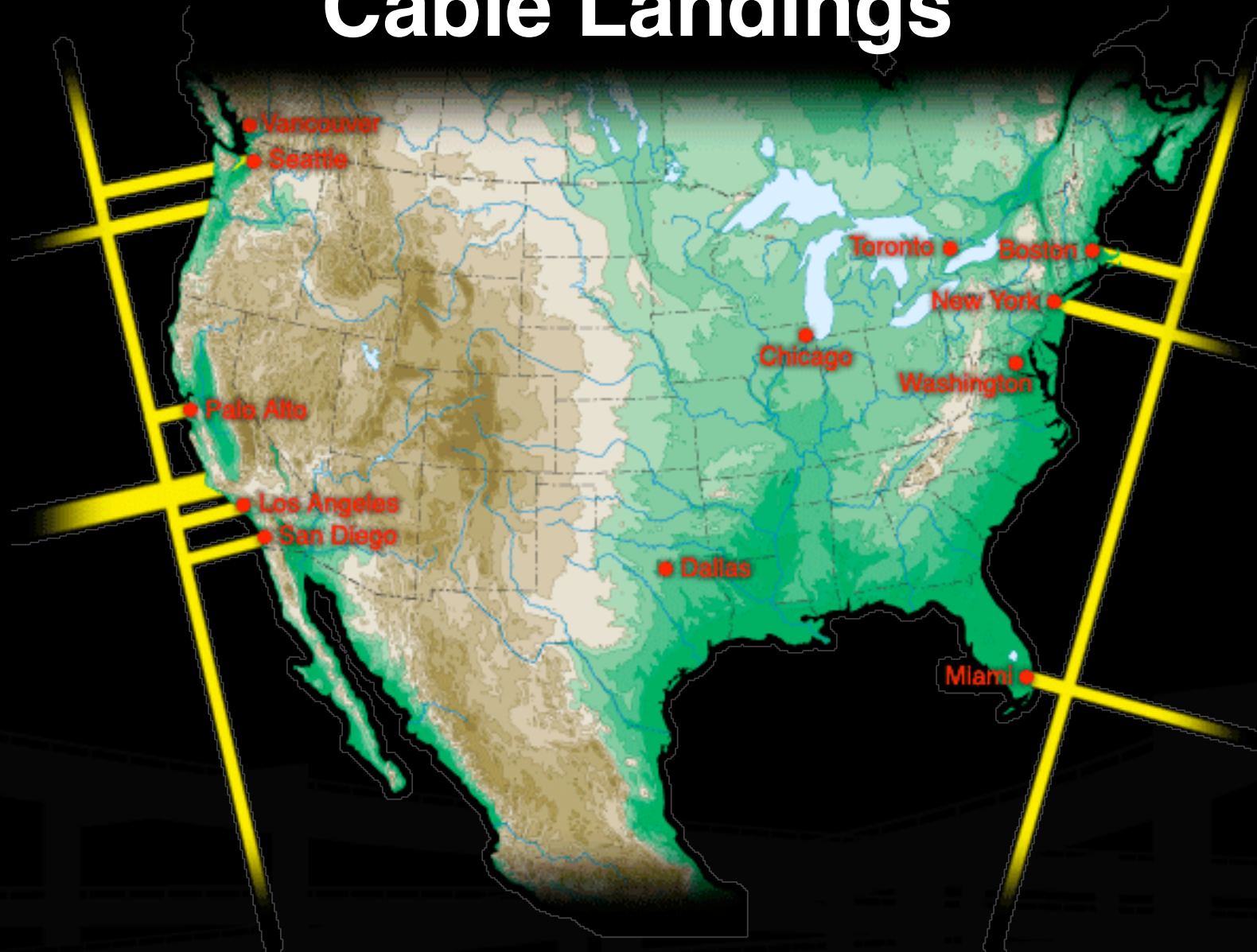
Two Large Exchanges



Many Smaller Exchanges



Cable Landings



A Few of North America's 110 IXes

	Established	Participants	Traffic Volume
Palo Alto PAIX	1994	180	
Seattle SIX	1996	90	6 gbps
Miami NOTA	2001	89	5 gbps
New York IIX	1998	80	
Los Angeles LAAP	1995	75	
Ashburn Equinix	1999	72	
San Jose Equinix	2001	37	
Chicago Equinix	2001	36	
Toronto TORIX	2002	32	350 mbps
Portland NWAX	2002	15	

Africa



Two Large IXes



Eleven Smaller IXes



Cable Landings



Satellite Only



All 13 African IXes

	Established	Participants	Traffic Volume
Johannesburg JINX	December 1996	15	45 mbps
Cairo CAIX	December 2002	3	12 mbps
Maputo MozIX	July 2002	7	4 mbps
Nairobi KIXP	February 2002	11	3 mbps
Dar es Salaam TIX	January 2004	10	3 mbps
Kinshasa PdX	November 2002	4	1 mbps
Mbabane SZIXP	June 2004	3	128 kbps
Kigali	July 2004	6	400 kbps
Ibadan	March 2003	2	200 kbps
Zimbabwe ZINX	July 2001	5	
Mauritius MIXP	December 2005	7	
Accra GIXP	October 2005	4	
Kampala UIXP	July 2003	3	

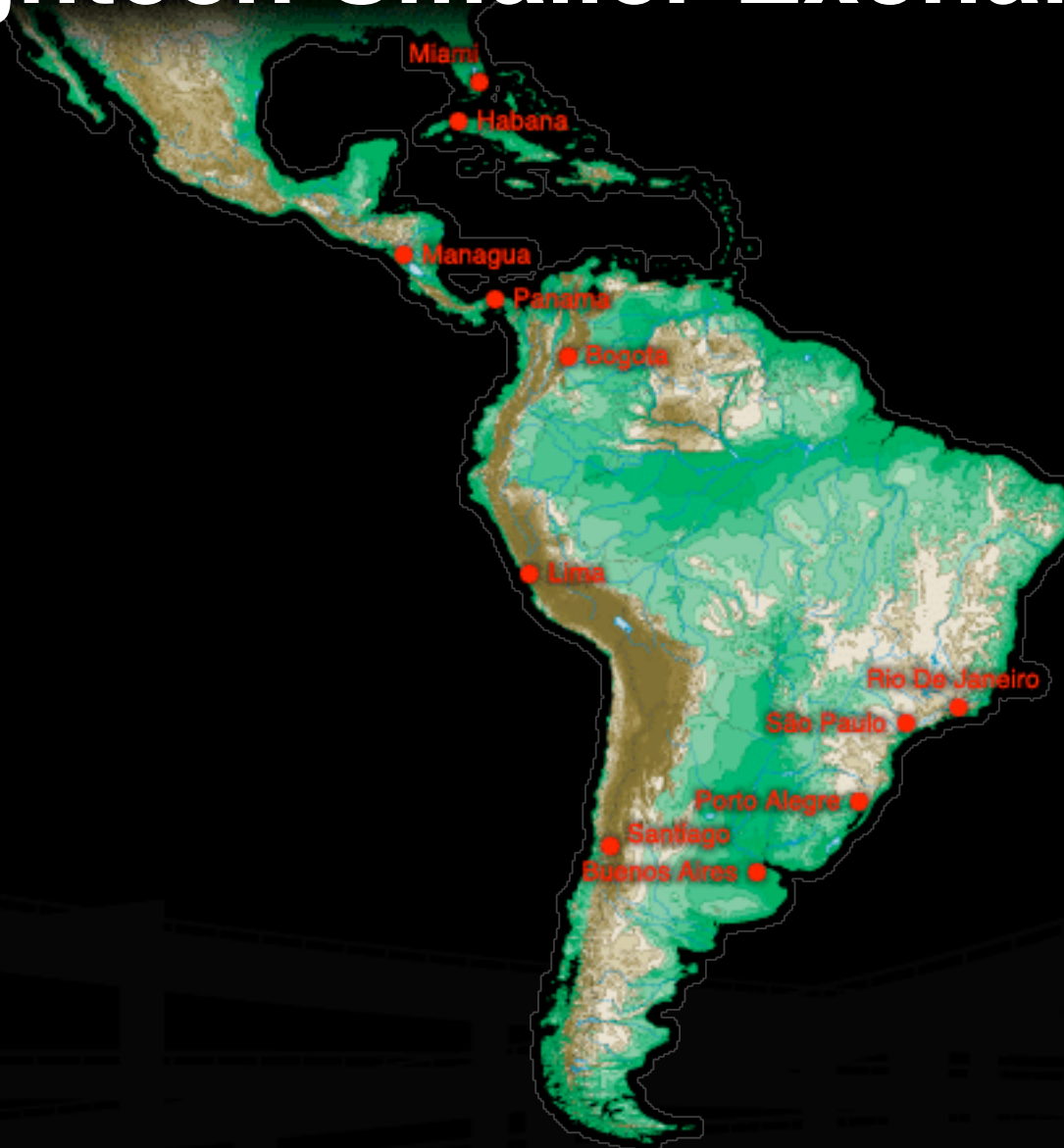
Latin American & Caribbean Region



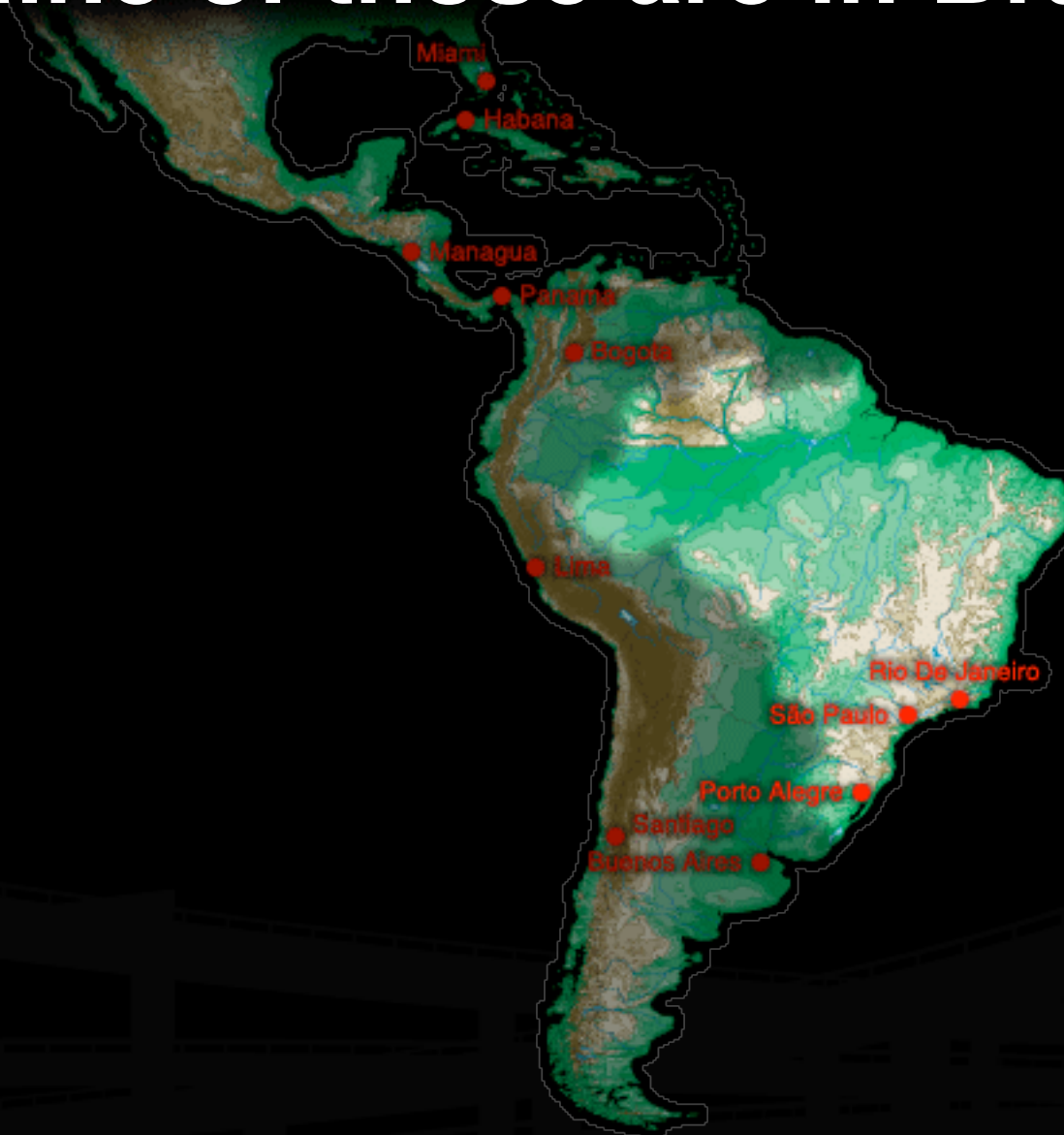
Two Large Exchanges



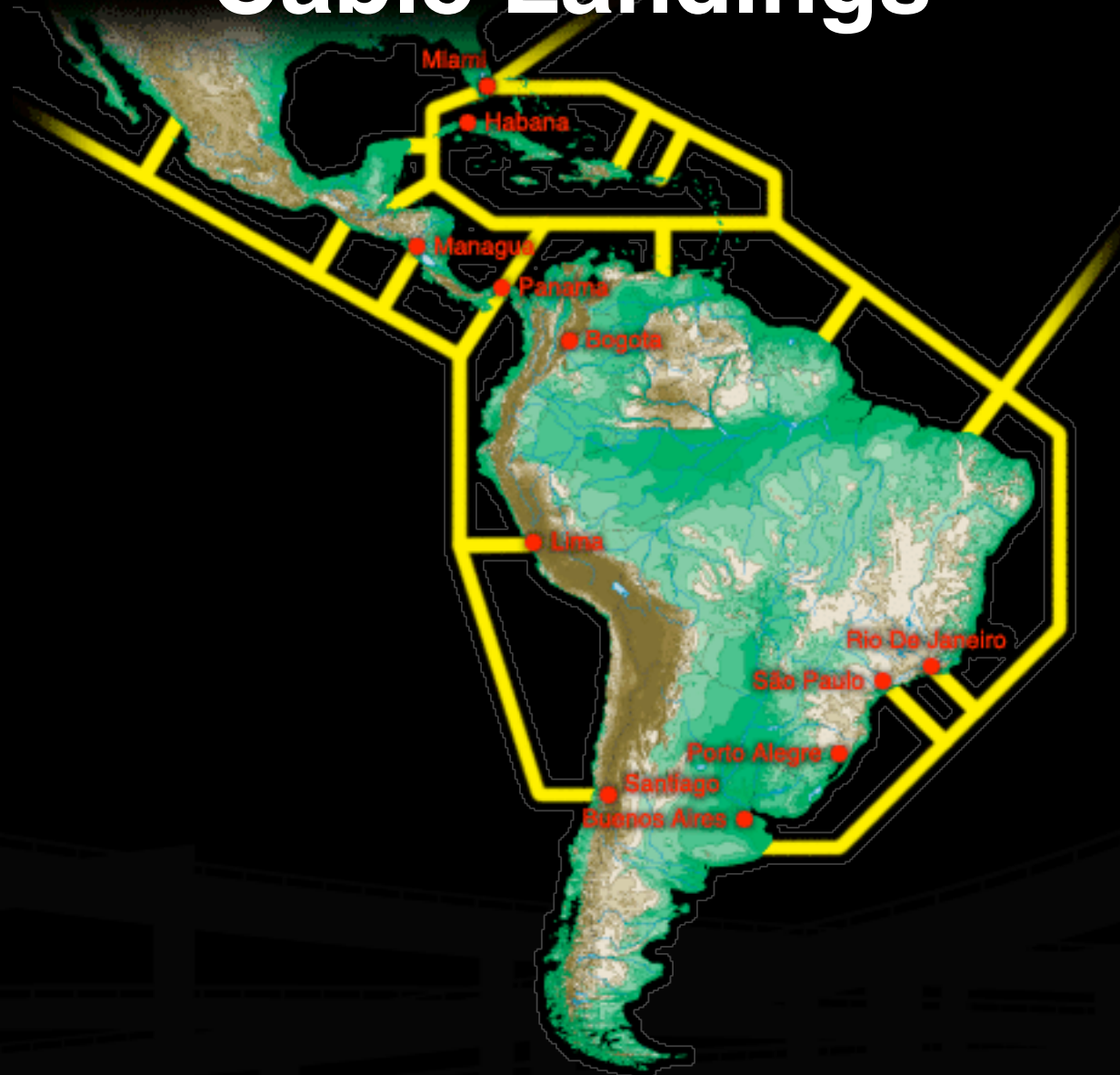
Eighteen Smaller Exchanges



Nine of those are in Brazil



Cable Landings



A Few of Latin America's 19 Exchanges

	Established	Participants	Traffic Volume
São Paulo	January 1998	45	1.3 gbps
Miami	September 2002	89	5 gbps
Buenos Aires	April 1998	45	500 mbps
Porto Alegre	2000	15	160 mbps
Curitiba	January 2002	11	90 mbps
Asuncion	2000	14	40 mbps
Quito	January 2003	6	25 mbps
Guayaquil	2003	6	15 mbps
Managua	April 2004	10	

Asia-Pacific



Three Large Exchanges



Many Medium-Sized Exchanges



Cable Landings



A Few of the 53 Asia-Pacific IXes

	Established	Participants	Traffic Volume
Seoul	1996	148	300 gbps
Tokyo	1996	275	180 gbps
Hong Kong	1995	69	80 gbps
Beijing	2000	8	50 gbps
Osaka	1998	30	5 gbps
Jakarta	1997	99	4 gbps
Taipei	1998	77	2 gbps
Wellington	1996	123	
Auckland	1999	48	
Perth	1997	52	550 mbps
Singapore	2001	12	500 mbps

Thanks, and Questions?

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