Welcome to NANOG 63

- Tony Tauber – NANOG PC Chair
- Josh Snowhorn - CyrusOne - Host Sponsor
- Betty Burke - NANOG Executive Director
- Raj Khurana, AT&T - Connectivity Sponsor

Thank You to the Members of the Program Committee

- Jeff Bartig
- Christina Chu
- Philippe Couture
- Paul Ebersman
- Allison Feese-Strickland
- Greg Hankins
- Elisa Jasinska
- Anton (Tony) Kapela
- Manish Karir
- L. Sean Kennedy (Vice Chair)
- Randy Neals
- Matt Petach
- Michael Sinatra (Secretary)
- Tony Tauber (Chair)
- Krassi Tzvetanov
- John van Oppen
- Ryan Wooley

What to Expect at NANOG 63

- General Session Content
- Tracks
- Welcome Lunch - Monday
- General Lunch - Tuesday
- Private Invite to Newcomer Lunch and Member Breakfast
- Social reminder for Monday night, BnG Tuesday

Marriott Space

- Breakfast and Lunch
  - In Salon E - Monday & Tuesday
  - Overflow in Atrium (2nd floor)
  - In Atrium and Sazo's on Wednesday (2nd floor)
- Open Seating - In Atrium (2nd floor)
- General Session Ballroom – Please be quiet and considerate when sessions are underway
- NANOG Sponsor and Member Help Desk
- ARIN HelpDesk
- IETF HelpDesk

Agenda Update

- Meeting Rooms
  - General Session - Salon I
  - Breakout – Salon M, same floor
  - BnG – Salon E
- Daily “Presentation Survey” Giveaway –
  Take online via the web or guidebook -
  - (Award 1 Tuesday for Monday Surveys, 1 Wed. AM for Tuesday Surveys, and 1 Wed. After Lunch for Wed. am Surveys)

Reminders

- Q&A and Microphone Guidelines
- Attendee Charter

Need Help?

- General
  - –nanog-support@nanog.org
- Speakers
  - –speaker-support@nanog.org
- Network
  - –nanog-eng@nanog.org
- Sponsors
  - –sponsor-support@nanog.org
- Hotel Info
  - –https://www.nanog.org/meetings/nanog63/hotelinformation

Find Us by checking **the Ribbon color on Name Badge**

- Board of Directors – Red Ribbon
- Program Committee – White Ribbon
- Communications Committee – Blue Ribbon
- Staff located in the Registration Area
- NOC Staff located in Conference Room 19
- Press - Pink Ribbon

Welcome!

And thank you!

Josh Snowhorn – NANOG 63 Host

CyrusOne Welcomes You to NANOG 63 – San Antonio – Texas!

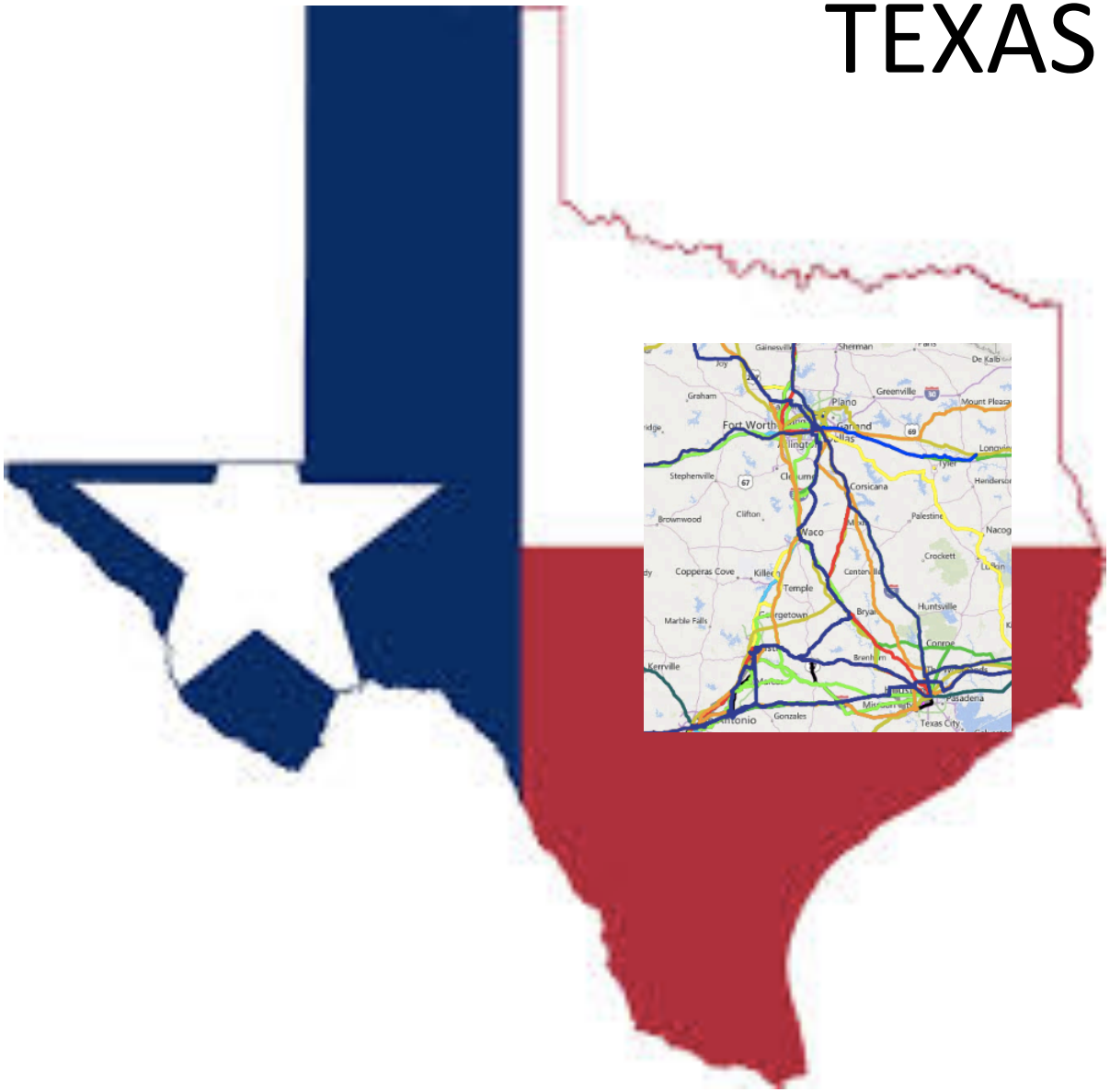
Josh Snowhorn
VP & GM of Interconnection
CyrusOne Data Centers

Board Member Open-IX

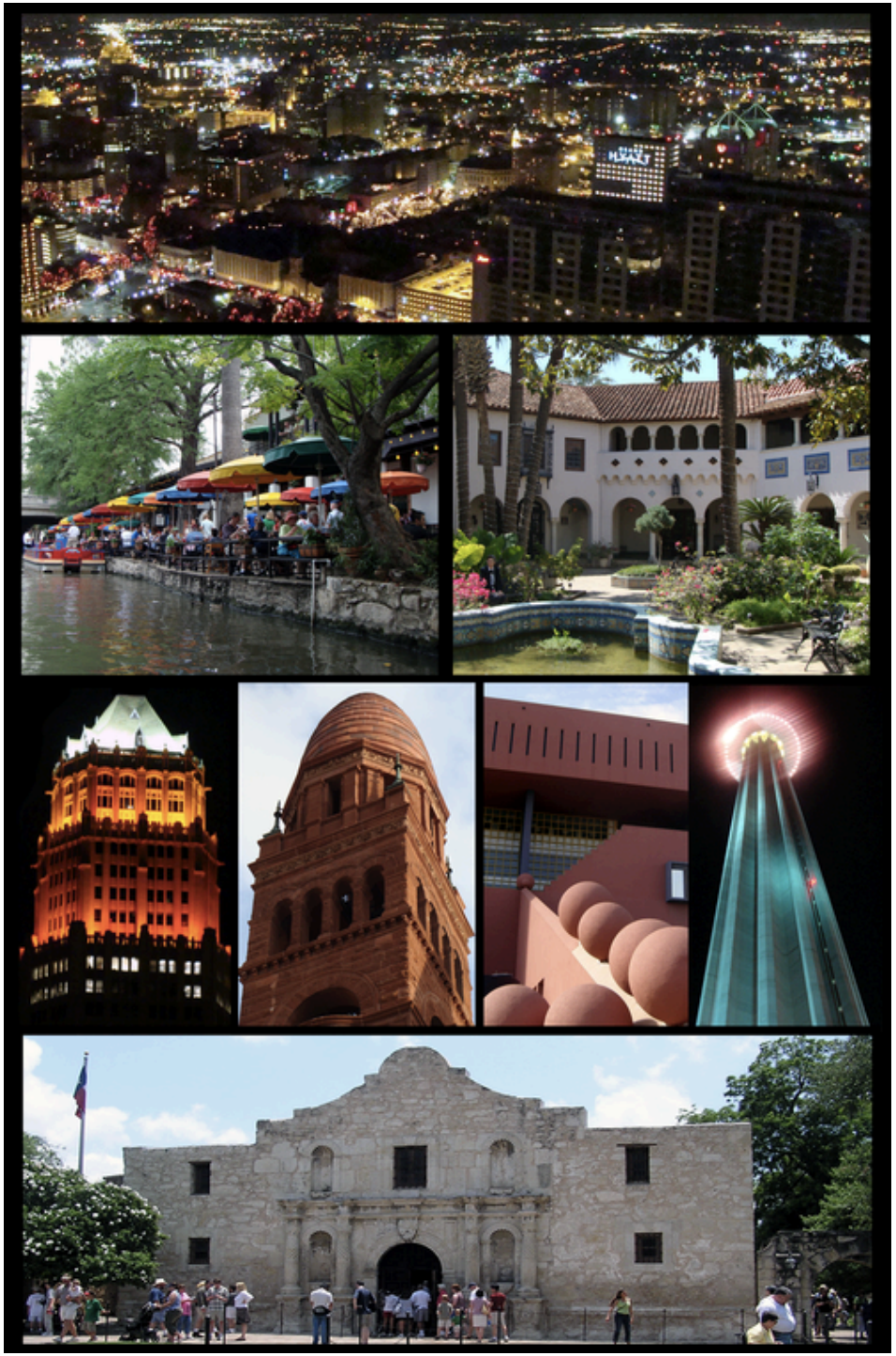
Thank You – Mike Winslow

www.cardinalxp.com

TEXAS



- 26.5 Mil People… Second only to California
- 4 of the biggest cities in the U.S.
- Home to one of the largest peering points in North America and several nascent peering cities
- Incredibly fiber rich cities connected by the DASH network
- Served by our own power grid - ERCOT



San Antonio

Presidents From Texas!

Texas Sports!

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Texas Education!

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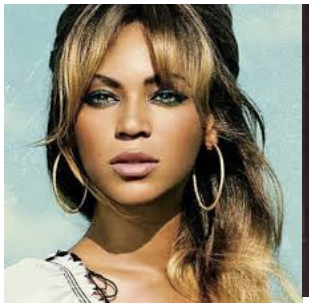
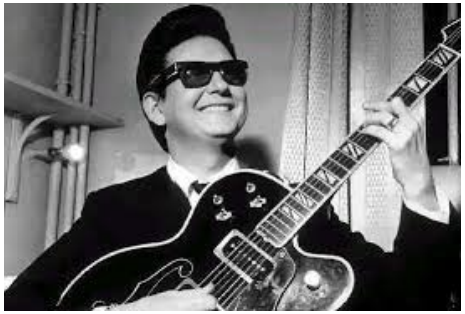
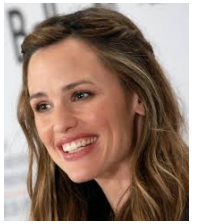
CIRCUIT OF THE AMERICAS™

Texas Musicians!





Famous Texas Actors



And of course…Chuck Norris!

Texas Heroes

Texas Companies

at&t

Neiman Marcus

EXXON Mobil

SOUTHWEST AIRLINES

WHOLE FOODS MARKET

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Frito Lay

noble energy

rackspace

DELL

HALLIBURTON

CyrusOne!!!

The preferred global data center provider to the Fortune 1000

Who We Are

- Owner, operator and developer of enterprise-class data centers
- Nearly 15 years of operating experience; 300+ employees
- IPO in Jan. 2013 - listed on NASDAQ under ticker symbol “CONE”

Customer Base

- 656 customers[1]
- 9 of Fortune 20 and 141 of Fortune 1000[1][2]
- Approximately 60% of revenue from customers deployed in multiple locations

Our Assets

- 25 properties (several additional properties under development)[1]
- 2.2M Net Rentable Square Feet[3], 1.2M Colocation Square Feet[3]
- 1.24M Square Feet of Powered Shell available by mid 2015 and a total of 5M Available at full buildout

Our Markets

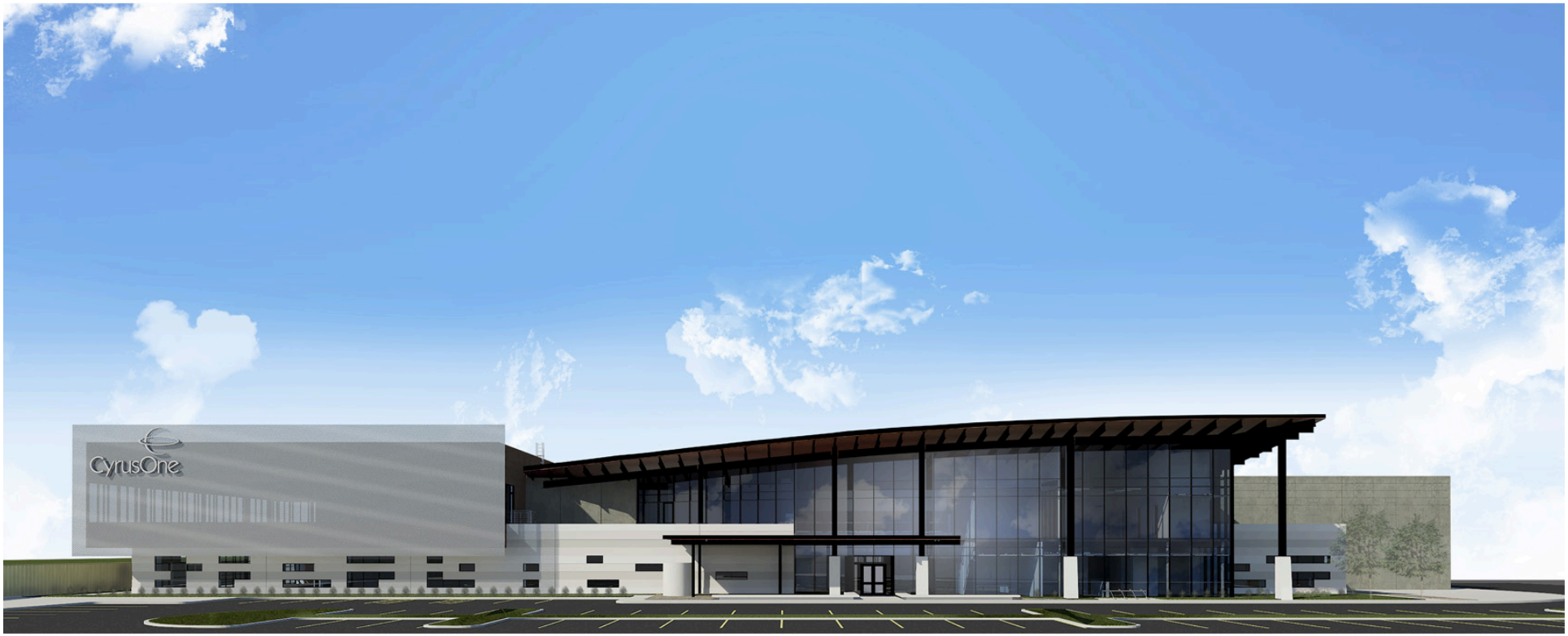
- Austin, Cincinnati, Chicago, Dallas, Houston, London, Northern Virginia, Phoenix, San Antonio, Singapore
- Headquarters located in Dallas

Notes:

1. As of Sep 30, 2014.
2. Customer’s ultimate parent is a Fortune 1000 company or a foreign or private company of equivalent size.
3. Net rentable square feet (NRSF) represent the total square feet of a building currently leased or available for lease based on engineers’ drawings and estimates but does not include space held for development or space used by CyrusOne. Colocation square feet (CSF) represents NRSF currently leased or available for lease as colocation space, where customers locate their servers and other IT equipment.

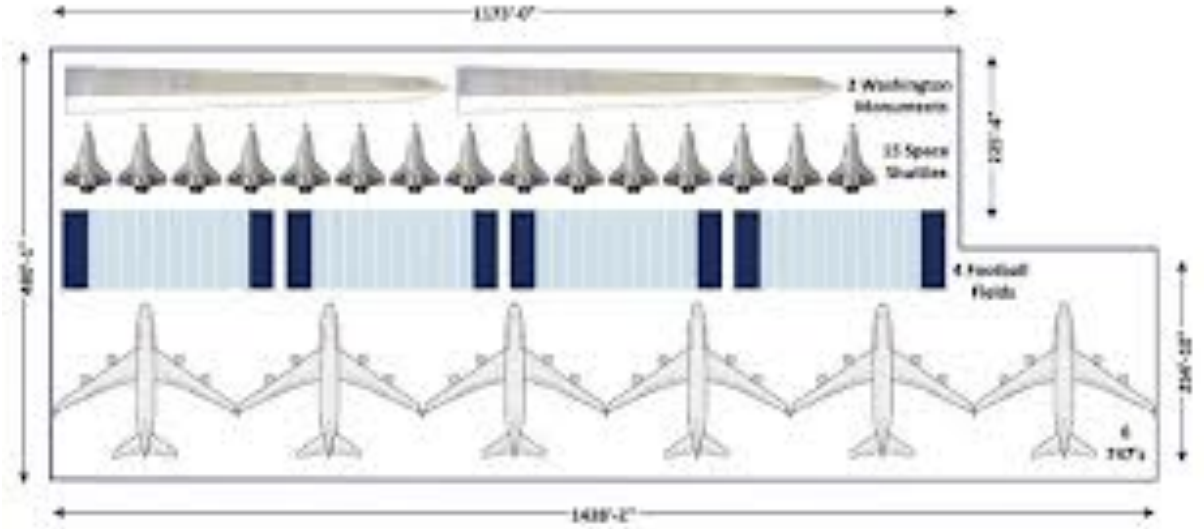
Phoenix

San Antonio

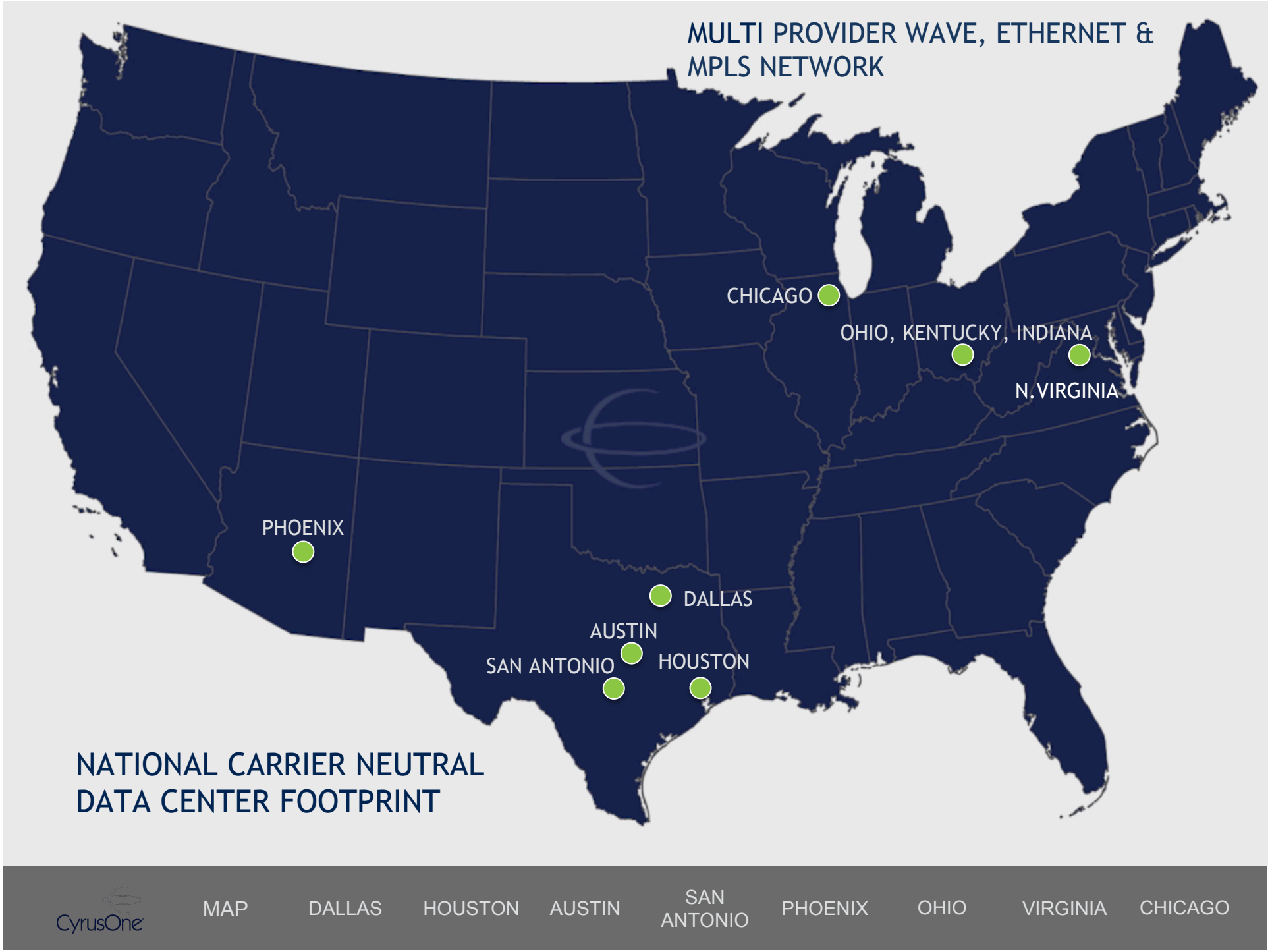


Houston (West)

Dallas (Carrollton HQ)



Sterling - Virginia


MULTI PROVIDER WAVE, ETHERNET & MPLS NETWORK
CHICAGO
OHIO, KENTUCKY, INDIANA
N.VIRGINIA
PHOENIX
DALLAS
AUSTIN
SAN ANTONIO
HOUSTON
NATIONAL CARRIER NEUTRAL DATA CENTER FOOTPRINT

DALLAS

REMOTE CUSTOMER SITE

SITE TO SITE

MULTI-PROVIDER WAVE, ETHERNET & MPLS

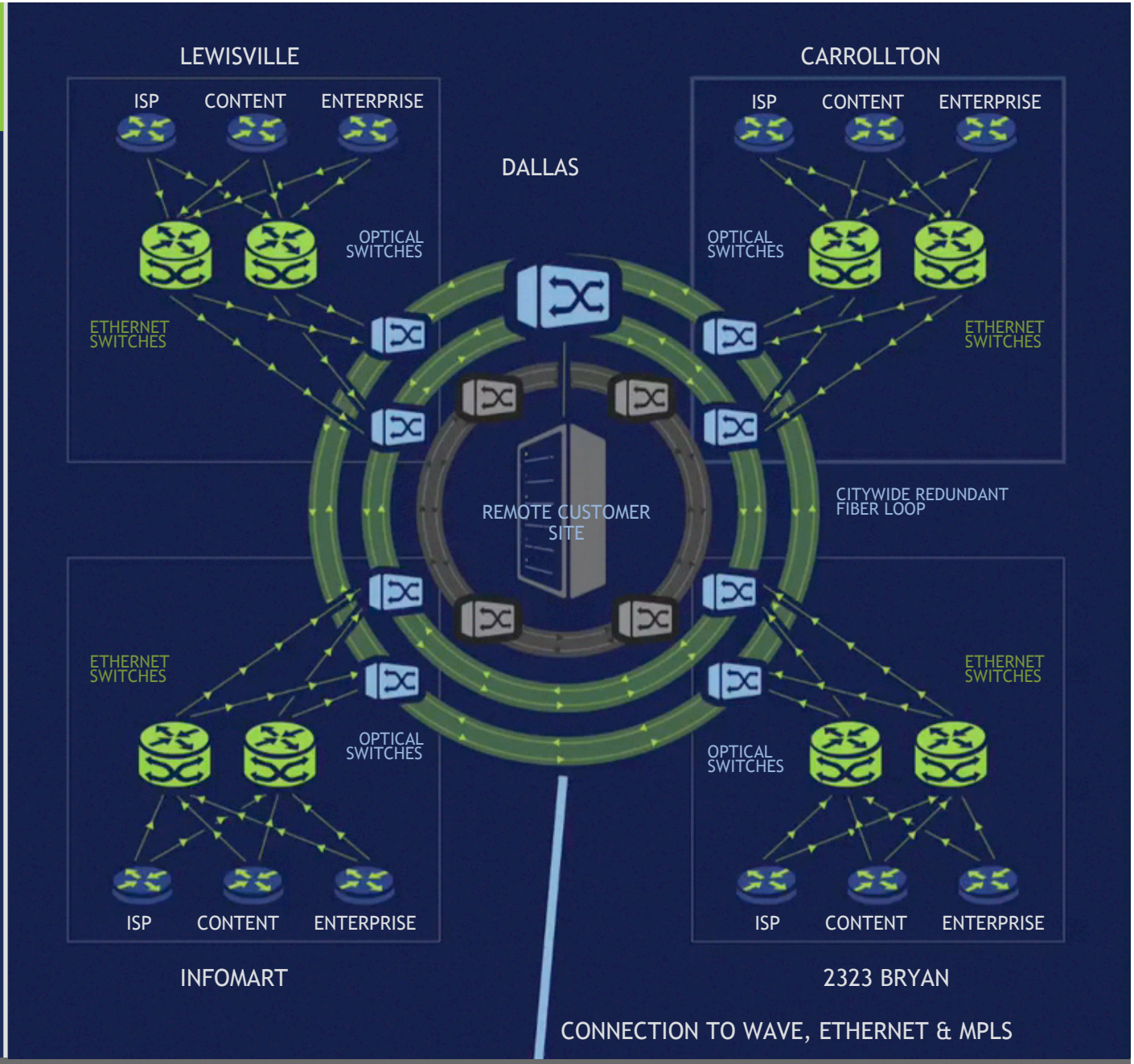
WAVE, ETHERNET & MPLS

ETHERNET SWITCH FAILURE

OPTICAL SWITCH FAILURE

LOOP FAILURE

Metro Ecosystem Connectivity Removing Traditional Walled Gardens At Carrier Hotels



Special CyrusOne Cabinets

Peering Meeting Announcements

Americas Interconnection Summit
April 7-9, 2015 in San Diego, CA

Global Peering Forum
April 27-30, 2015 in Freeport, Bahamas

CyrusOne – BTI Social!

THE SPAZMATICS

TONIGHT!!!

Pat O'Brian's: 6:30 – 10PM

Open Bar – BBQ - TexMex

Thank You!

Enjoy NANOG 63!

We will see you in Dallas in October 2016 when CyrusOne hosts again!

NANOG Executive Director Update

- Importance of Premium Sponsor Support - Thank You
- Importance of Individual Meeting Sponsor Support - Thank You
- The Difference between a Full NANOG Conference and NANOG on The Road
- Introduction of the College Immersion Program
  - 10 NANOG College Immersion Students from the University of Colorado - Boulder, Faculty Advisor - Kevin Epperson
- Fellowships
  - Benjamin Shpurker - Operator of Tomorrow Recepient, NANOG Mentor - Dani Roseman
- Membership versus Attendee
- Volunteers!

Welcome New Attendees!

- **171 Newcomers** - those attending their first NANOG Meeting

Thanks to our Host, Connectivity, Premium and Service Sponsors!

NANOG 63

Raj Khuranan

NANOG 63 Connectivity Sponsor