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- ▶ COST SEPARATIONS RULE WAIVED
- ▶ BILL WOULD ADD \$50M TO RUS FUNDING
- ▶ GROUP WANTS COMPLAINTS RELEASED
- ▶ VERIZON REFUTS FIOS BATTERY CLAIMS
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# Alexicon *insider*

INFORMATION AND ADVOCACY FOR THE  
RURAL TELECOMMUNICATIONS INDUSTRY

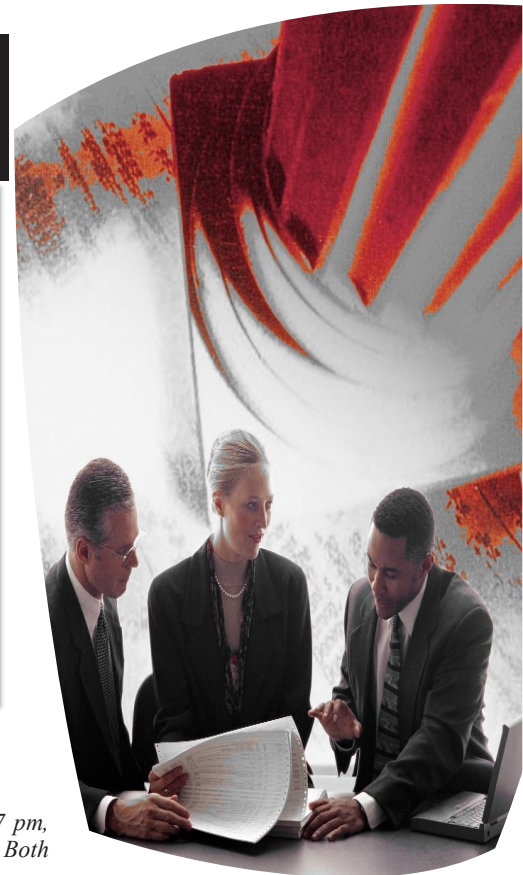


## Vince Wiemer (1965-2017)

It is with great sorrow, grief and heartbreak to recognize the recent passing of our friend, loved one, and mentor Vince Wiemer. To the family, including two young boys, the telecommunications industry and the team at Alexicon, we all lost a good man, brilliant person, and amazing colleague.

All of us who knew Vince feel the impact he had on each and every one of us. Vince lived his life with focus, passion and a desire to make a difference and do the right thing for our incredible industry and small town America. His knowledge, dedication and wisdom within the telecommunications industry will remain far reaching. He will be greatly missed beyond words.

Our hearts go out to his family and friends. Some voids simply cannot be filled and that will be the case with Vince. Rest in Peace, Vman....you are gone but will never be forgotten.  
-Doog and Indy



*Celebration of Vince's life will take place on August 31 at 7 pm, and funeral services will be held on September 1 at 10 am. Both will be held at:*

*St Anthony's Catholic Church,  
PO Box 698  
Okmulgee, OK 74447*

*We understand attending may be challenging for many of you. Please keep Vince's family in your thoughts and prayers.*

*Please visit Vince's tribute page at this [link](#) for more information.*

  
**Alexicon**

Questions? Comments?  
Contact Chris Barron  
[cbarron@alexicon.net](mailto:cbarron@alexicon.net)

# Technology Trends

*New and notable technology and services*

## [Adtran Tier 1 G.fast Deployments](#)

Adtran is seeing more of its large U.S.-based Tier 1 telcos starting to adopt G.fast to expand broadband availability in short-range copper network environments. Tom Stanton, CEO of Adtran, told FierceTelecom during this week's Adtran Connect event that while the remainder of 2017 will be slow, deployments will continue to pick up in 2018.

## [CenturyLink Virtual 10G-PON Trials](#)

CenturyLink has begun a field trial of a virtualized 10G-PON solution, reflecting the service provider's move to begin virtualizing its last-mile FTTH access network. For the trial, CenturyLink is leveraging Adtran's virtualized OTL 10G-PON solution to create a simplified service delivery platform that can leverage a wide range of next-generation access technologies for wireline or mobile connectivity, accelerating the path to SD-Access.

## [Engineering Challenges in 5G Testing](#)

AT&T has been testing a variety of technologies as it moves toward gigabit Long Term Evolution and 5G. In June, the carrier announced the results of License Assisted Access testing that it conducted in San Francisco as part of its plans to implement LAA in unlicensed spectrum to boost LTE speeds.

## [AI is More Important to IoT](#)

The problem with big data and business intelligence software is that it is reactionary and static. It is great for analyzing things after the event -- but how do enterprises manage when they need real-time insight? A recent survey from data analysis provider GlobalData showed that IoT professionals still have a heavy reliance on traditional business intelligence (BI) software. Around 40 percent of its 1,000 respondents ranked BI platforms well above all other means of analyzing data.

## [New Calix WiFi Solution](#)

If you're a calix wifibroadband carrier, you know the double edged sword of WiFi. Devices powered by WiFi drive tremendous demand for broadband service, while also creating an avalanche of customer service complaints. A new Calix WiFi approach will add mesh WiFi capabilities to their popular GigaCenter broadband gateways, in the hopes of dealing with these competing realities.

# Regulatory Headlines

## [Net Neutrality Comments Top 20 million](#)

The public has filed over 20 million comments to the Federal Communications Commission over its plan to scrap the net neutrality rules. It's a record for FCC comments and more than five times the number filed on the agency's previous net neutrality proposal in 2015. The comments on that plan held the prior record with nearly 4 million filed.

## [Cost Separations Rule Waived](#)

The FCC's Wireline Competition Bureau has released an order granting a petition for waiver filed by Wyoming-based Tri-County Telephone Association, Inc. (TCT) in which the rural ILEC sought relief "of the requirement adopted in the 1980s' Cost Separation proceeding that investments, once allocated to nonregulated use, may not be reallocated to regulated use."

## [Bill Would Add \\$50m to RUS Funding](#)

Two senators have announced the Broadband Connections for Rural Opportunities Program (B-CROP) Act, which would increase Rural Utilities Service funding for rural broadband by up to \$50 million annually.

## [Group Wants Complaints Released](#)

Public interest groups opposed to the repeal of net neutrality rules are asking the Federal Communications Commission (FCC) to release a trove of documents in an effort to keep the rules in place.

## [Verizon Refutes FiOS Battery Claims](#)

Verizon has found itself in the middle of a battle over Fios battery backup with one of its claiming the telco is placing too much of a burden on customers.

## [Court Upholds Traffic Pumping Decision](#)

The U.S. Court of Appeals for the D.C. Circuit has upheld the FCC's access charge decision ordering several companies (including All American Telephone, Inc., e-Pinnacle Communications, Inc., and Chasecom) to pay \$250,000 in damages to AT&T.



## Market Watch

[NTCA Survey on FTTH Deployment](#)

[U.S. Broadband Subscribers Rise by 230k](#)

[Tracking Top 15 Broadband Providers](#)

[Verizon Breaks Ranks on FTTP, G.fast](#)



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