Competitive Local Exchange Carriers (CLECs) - Global Strategic Business Report

Description: This report analyzes the US market for Competitive Local Exchange Carriers (CLECs) in Thousands by the following Segments: Service Connections by Type (End-User Switched Access Lines, & VoIP Subscriptions), and Service Connections by Type of Access Technology (Coaxial Cable, & Others).

Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for this market. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 43 companies including many key and niche players such as -

- Broadview Networks, Inc.
- Cogent Communication, Inc.
- Consolidated Communications Holdings, Inc.
- Cox Communications, Inc.
- DQE Communications, LLC

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   Study Reliability and Reporting Limitations
   Disclaimers
   Data Interpretation & Reporting Level
   Quantitative Techniques & Analytics
   Product Definitions and Scope of Study
   Switched Access Lines
   Interconnected Voice over Internet Protocol (VoIP)
   Coaxial Cable
   Fixed Terrestrial Wireless
   Copper Local Loop
   FTTP

II. A US MARKET REPORT

1. INDUSTRY OVERVIEW
   A Quick Market Primer
   Advancements in Telecommunication Space to Spur CLEC Market Growth
   Fiber-Based CLECs on a Growth Path
   CLECs Embrace Fixed Wireless
   CLECs Enjoy Edge over ILECs
   Telecom Industry: Focus on High-Speed Fiber Networks
   Fiber Optic Networks Register Steady Growth
   Unsuccessful LLU in US Benefits Investments in Building "Local Loop" Infrastructure
   CLECs Shift Focus from Residential End-Users to SMBs
   Consolidation Wave Sweeps "Thru" the CLEC Market
   CLECs Focus on Adding IN Functionality to Network Architectures
   Table 1: Top Countries in Internet Usage Worldwide (2016E): Breakdown by Number of Internet Users (in Million) and Internet Penetration Rate (%) (includes corresponding Graph/Chart)
   World Internet Usage & Bandwidth Landscape
   Table 2: Global Demand for Bandwidth (2010, 2015, 2018E, 2020P): Breakdown of Bandwidth Usage in Terabytes per Second (Tbps) (includes corresponding Graph/Chart)
   Table 3: Global Growth in Demand for Bandwidth: Breakdown of Compounded Annual Growth Rate (CAGR) for the Period 2012-2020 by Geographic Region
   Africa, Asia, Europe, Latin America, Middle East, Oceania, and North America (US & Canada) (includes corresponding Graph/Chart)
Expanding Mobile Internet to Spur Opportunities for CLECs

Table 4: Mobile Penetration
Mobile Connections as a Percentage of Total Population for Select Countries (2016E) (includes corresponding Graph/Chart)

Rise in NC Computing Triggers the Evolution of Data-centric CLECs

Impact of Deregulation of the US Local Telephone Sector

Outlook

Key Statistical Findings

Table 5: Retail Voice Telephone Service Connections in the US (2016E): Percentage Breakdown of Number of Service Connections by Mobile Voice Subscriptions, Interconnected VoIP Subscriptions, and Retail Switched Access Lines (includes corresponding Graph/Chart)
Table 6: Switched Access Line Connections in the US (2016E): Percentage Breakdown of Number of Connections by Residential and Business Customers (includes corresponding Graph/Chart)
Table 7: Interconnected VoIP Connections in the US (2016E): Percentage Breakdown of Number of Connections by Residential and Business Customers (includes corresponding Graph/Chart)
Table 8: Wireline Retail Voice Telephone Service Connections in the US (2016E): Percentage Share Breakdown by Type of Service Provider for ILECs and Non-ILECs (includes corresponding Graph/Chart)
Table 9: Residential Wireline Retail Voice Telephone Service Connections in the US (2016E): Percentage Share Breakdown by Type of Service Provider for ILECs and Non-ILECs (includes corresponding Graph/Chart)
Table 10: Business Wireline Retail Voice Telephone Service Connections in the US (2016E): Percentage Share Breakdown by Type of Service Provider for ILECs and Non-ILECs (includes corresponding Graph/Chart)
Table 11: CLECs Switched Lines in Oregon by Customer Type (2016E): Percentage Share Breakdown for Business, Residential, and Wholesale (includes corresponding Graph/Chart)
Table 12: Switched Service Customers and Lines in Oregon by Service Provider (2016E): Percentage Share Breakdown for CLECs and ILECs (includes corresponding Graph/Chart)
Table 13: Business Switched Lines in Oregon by Service Provider (2016E): Percentage Share Breakdown for CLECs and ILECs (includes corresponding Graph/Chart)
Table 14: Residential Switched Service Customers and Lines in Oregon by Service Provider (2016E): Percentage Share Breakdown for CLECs and ILECs (includes corresponding Graph/Chart)
Table 15: Market Share of CLECs in Switched Access Lines in Oregon: 2010-2015 (includes corresponding Graph/Chart)
Table 16: CLECs Wireline Access Lines in Florida (2012-2015): Breakdown by Customer Type for Residential and Business Customers (includes corresponding Graph/Chart)
Table 17: Residential Interconnected VoIP Subscribers in Florida (2011-2015): Breakdown by Service Provider for CLEC & ILEC, and Cable (includes corresponding Graph/Chart)
Table 18: Market Share of CLECs in Traditional Wireline Access Lines in Florida: 2011-2015 (includes corresponding Graph/Chart)

2. COMPETITIVE LOCAL EXCHANGE CARRIERS (CLECS)

AN INTRODUCTION
CLECs: A Definition
Introduction
Evolution
CLECs- Modus Operandi
CLECs Vs ILECs
Strengths of CLECs
Challenges for CLECs
Types of CLECs
Facilities-Based
Non-Facilities based
Unbundled Network Elements Platform (UNE-P)
Unbundled network element loop (UNE-L)
Interconnected Voice over Internet Protocol (VoIP)
VoIP Configurations
Adapters
Dedicated VoIP Phones
Dedicated Routers
Software-based VoIP applications
Switched Access Lines
Types of Connectivity Technologies
Coaxial Cable
Fixed Terrestrial Wireless
Copper Local Loop
3. SERVICE LAUNCHES
XO Communications Enhances its Hosted PBX Solution
TelePacific Unveils National SD-WAN Offering
Level 3 Communications Announces Expansion of Voice Complete Enterprise Communications Solution
TelePacific Communications to Introduce New Version of OneAir Fixed Wireless Connectivity Solution in Las Vegas
XO Communications Rolls Out HPBX Concierge
Allworx Launches Allworx Connect™ VoIP Communication Systems for SMBs
XO Communications Unveils Comprehensive Suite of UC Features on HPBX Service
TelePacific Communications Introduces Pure Triple Play Fixed Wireless Capabilities

4. RECENT INDUSTRY ACTIVITY
TPT Global Tech Takes Over Trucom Networks
TelePacific Communications Snaps Up DSCI
Consolidated Communications Holdings Inks Merger Agreement with FairPoint Communications
Zayo Group Holdings to Acquire Electric Lightwave
Lumos Networks Signs Purchase Agreement with Clarity Communications Group
Windstream Holdings Inks Merger Agreement with EarthLink Holdings
CenturyLink and Level 3 Communications Ink Merger Agreement
Integra Telecom Holdings Splits into Electric Lightwave and Integra
Verizon Communications to Acquire XO Communications’ Fiber Business
FTE Networks Enters into Services Agreement with Next Generation CLEC
Onvoy to Acquire Broadvox
Cox Business/Hospitality Network Becomes Exclusive Technology Services Provider for New Las Vegas Arena
TelePacific Collaborates with AT&T to Provide New Capabilities to Customers
TelePacific Communications Inks Distribution Agreement with Aligned Communications
TelePacific Bags MEF CE 2.0 Services Certification for VPLS and EPL Services
Level 3 Communications and Telefonica Business Solutions Ink Interconnection Agreement
Level 3 Communications and AT&T Sign Interconnection Agreement
Level 3 Communications Enters into an Interconnection Agreement with Verizon
Level 3 Communications Acquires TW Telecom
Consolidated Communications Holdings Acquires Enventis
Level 3 Communications to Expand Network in Alpharetta, Georgia
TelePacific Communications Inks Multiple Agreements with AT&T

5. FOCUS ON SELECT PLAYERS
Broadview Networks, Inc.
Cogent Communication, Inc.
Consolidated Communications Holdings, Inc.
Cox Communications, Inc.
DQE Communications, LLC
Electric Lightwave
FiberLight LLC
Granite Telecommunications, LLC
Level 3 Communications, Inc.
TelePacific Communications
Windstream Holdings, Inc.
XO Communications, LLC
Zayo Group, LLC

6. MARKET PERSPECTIVE
Table 19: US Recent Past, Current and Future Analysis for Competitive Local Exchange Carrier (CLEC) Service Connections by Segment
End-User Switched Access Lines and VoIP Subscriptions in Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 20: US Historic Review for Competitive Local Exchange Carrier (CLEC) Service Connections by Segment
End-User Switched Access Lines and VoIP Subscriptions in Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 21: US 14-Year Perspective for Competitive Local Exchange Carrier (CLEC) Service Connections by Segment
Percentage Breakdown of Number of End-User Switched Access Lines and VoIP Subscriptions for 2009, 2016
and 2022 (includes corresponding Graph/Chart)
Table 22: US Recent Past, Current and Future Analysis for Competitive Local Exchange Carrier (CLEC) Service Connections by Type of Access Technology
Coaxial Cable and Others in Thousands for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 23: US Historic Review for Competitive Local Exchange Carrier (CLEC) Service Connections by Type of Access Technology
Coaxial Cable and Others in Thousands for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 24: US 14-Year Perspective for Competitive Local Exchange Carrier (CLEC) Service Connections by Type of Access Technology
Percentage Breakdown of Number of Service Connections by Coaxial Cable and Others for 2009, 2016 and 2022 (includes corresponding Graph/Chart)

III. COMPETITIVE LANDSCAPE
Total Companies Profiled: 43 (including Divisions/Subsidiaries 47)
- The United States (43)
  - Canada (1)
  - Europe (1)
- Spain (1)
- Asia-Pacific (Excluding Japan) (1)
- Middle East (1)

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Competitive Local Exchange Carriers (CLECs) - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/2228017/
Office Code: SC2GXZ9G

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 4500</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 6300</td>
</tr>
<tr>
<td>1 - 10 Users:</td>
<td>USD 8550</td>
</tr>
<tr>
<td>1 - 15 Users:</td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World