



Press Release

ALPHA TECHNOLOGIES ACCELERATES SMALL CELL IMPLEMENTATION WITH REMOTE LINE POWER

Remote Line Power Solutions and Papers to be Featured at INTELEC 2018

Turin, Italy. October 7, 2018 – Alpha Technologies Ltd., the power behind the evolution of communications networks, is playing a leading role in advocating the use of Remote Line Power for Small Cell networks at the INTELEC® 2018 – International Telecommunications Energy Conference being held October 7-11 in Torino, Italy. Four of the company's five papers address the topic of Remote Line Power and how it can be used to minimize the logistical hurdles in deploying small cells or other distributed networks. In addition, Alpha is featuring small cell solutions for Europe, Asia, and North America, as well as products that can be used with either twisted pair OSP copper cable or coaxial cable.

"Because Remote Line Power eliminates the need for batteries at the edge of the network, we have always considered it to be a cost-effective alternative to local power solutions," said Victor Goncalves, Chief Technology Officer for Alpha Technologies. *"But the vast number of small cells in a metropolitan area is changing the perspective. Network builders and neutral hosts have found that the optimal sites for RF coverage do not always coincide with the availability of electricity. Rather than manage logistics with local electrical utilities, the small cell providers have turned to Remote Line Power because it is a faster way to get power to the site."*

Alpha will play a prominent role in the technology sessions as well as the exhibition floor. At the conference, Alpha will present the following papers:

- A Case Study of a Remote Line Powered Small Cell Network
- Powering Small Cells Over Twisted Pair or Coax Cables
- Planning and Engineering Guidelines for Remote Line Power Networks
- A Comparison of RFT-V and RFT-C for Remote Line Power
- Distributing DC Power in IT Cabinets with Zero RU Power Distribution Units

Alpha also collaborated with the University of Calgary on a paper titled, "A New Control Technique for Eliminating the Double-frequency Current Ripple in UPSs." To round out our participation, Victor Goncalves is chairing a workshop called, "Remote Line Powering of Telecommunications Equipment on Outside Plant (OSP) Twisted Copper Pair Loops."

At the exhibition, Alpha will feature Remote Line Power products that meet both the RFT-V and RFT-C standards, as well as solutions for twisted pair or coax cable. The company will also display its CXC HP™ Intelligent System Controller and some of its portfolio of Smart DC Distribution products.

Visit Alpha at Booth #9 at INTELEC 2018, taking place October 7-11 at The Lingotto Conference Centre in Torino, Italy.

For over 40 years, Alpha Technologies has been an industry pioneer and global leader in the design and manufacture of AC and DC power equipment. Our distinctive excellence is the ability to innovate and quickly deliver optimized solutions for our customers' unique powering challenges in the Telecom, Cable Broadband, Traffic, Security, Industrial and Renewable Energy industries. Alpha's TL 9000 certified quality system, award-winning product strategy and continuous improvement/operational excellence program focuses on achieving complete customer satisfaction and supplying solutions of the highest quality, value and reliability. For more information, visit www.alpha.ca

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