

RESOLUTION NO. 28447

A RESOLUTION AUTHORIZING A LICENSE RENEWAL AND UPGRADE FOR THE EXISTING JDSU E6474A CELLULAR ANALYSIS PRODUCT, IN THE AMOUNT OF ONE HUNDRED TWENTY-NINE THOUSAND SIX HUNDRED FOUR AND 82/100 DOLLARS (\$129,604.82).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That it be and is hereby authorizing a license renewal and upgrade for the existing JDSU E6474A cellular analysis product, in the amount of \$129,604.82. The company name changed to Viavi.

This update/renewal would provide software and hardware updates allowing the performance of post analysis mapping of cellular and Wi-Fi networks and modernize the latest network capabilities offered by providers, 4G and LTE. This technology has proven instrumental in locating missing persons, homicide suspects, and other historical network analysis. This tool has provided key evidence used in multiple past and upcoming trials. This test equipment is not capable of “pinging” or locating active devices (phones); mapping the coverage, towers, sectors, and other pertinent technical factors related to existing networks.

This is the industry standard equipment utilized by the communications provider’s engineers to maintain and analyze their networks. The equipment provides the “ground truth” for expert testimony if a device could or could not have been in a particular location. The recorded evidence backs up the hypothetical maps which, by themselves, have limited value in court. These updates are a requirement in the ongoing effort to maintain the department’s technical forensic capabilities and best serve the citizens of our community.

ADOPTED: November 10, 2015  
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