EXHIBIT 32.1

CERTIFICATION OF CHIEF EXECUTIVE OFFICER PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

I, Faraj Aalaei, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Centillium Communications, Inc. (the "Company") on Form 10-Q/A for the quarter ended March 31, 2008 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in such Quarterly Report on Form 10-Q/A fairly presents in all material respects, the financial condition and results of operations of the Company.

Date: June 13, 2008

/s/ FARAJ AALAEI

Faraj Aalaei Chief Executive Officer