# Using an analog FAX with Linksys PAP2T

Due to the nature of VoIP, it's not always possible to ensure 100% reliability with FAX communications (T.38 aside) due to many factors, including jitter, over compression, high network latency, buggy FAX implementations, etc.

However, with some simple configuration changes to the PAP2T and sufficient Internet bandwidth (preferably a dedicated network for VoIP), very high success rates are possible.

Below are the steps and suggested values:

1. Log into the device using the web management interface.
2. Click on "Admin Login", "Line 1" or "Line 2" tab and "Advanced View".
3. Confirm or change the following values:
    a. Network Jitter Level: Very High
    b. Jitter Buffer Adjustment: disable
    c. Call Waiting Serv: no
    d. Three Way Call Serv: no
    e. Echo Canc Enable: no
    f. Echo Canc Adapt Enable: no
    g. Echo Supp Enable: no
    h. Silence Supp Enable: no
    i. Preferred Codec: G711u
    j. Use Pref Codec Only: yes
    k. FAX CED Detect Enable: yes
    l. FAX CNG Detect Enable: yes
    m. FAX Passthru Codec: G711u
    n. FAX Codec Symmetric: yes
    o. FAX Passthru Method: NSE
    p. FAX Process NSE: yes
    q. FAX Disable ECAN: no
4. Be sure to click the "Save" button near the bottom of the page.


*(screenshot may vary between firmware versions. 5.1.6 shown)*