

CASE STUDY

The Lost Bean

The Lost Bean Organic Coffee and Tea eliminates Wi-Fi complaints without increasing bandwidth



THE LOST BEAN
ORGANIC COFFEE AND TEA

Customer Description

Established in 2005 in Tustin, CA and a second location opening at the ARTIC in Anaheim, The Lost Bean was the first cafe in Orange County to serve and specialize in organic coffee and tea. The Lost Bean has always offered free Wi-Fi to encourage customers to socialize or work in the cafe.

Customer Requirements

- Higher speed Wi-Fi services
- Easy login options for customers
- Ability to support guest spike increases throughout the day
- Cost efficient and low-to-no maintenance solution for a small business

Customer Results

- Eliminated customer complaints about Wi-Fi and trouble logging into network
- Maximized current bandwidth with many users at peak hours and high congestion with a single-ended solution
- No monthly expenses to increase bandwidth

The Problem **POOR WI-FI NETWORK IN CAFE**

For three years, The Lost Bean's customers have been complaining about slow Wi-Fi speeds and not being able to log in to Wi-Fi. Owner, Bodie Rasmussen, and his staff are forced to address the network problem with customers daily. Frustrated, Rasmussen shared, "Our Wi-Fi has been the bane of my existence."

In many locations, business customers have no other options for higher speed Internet and all cellular coverage is non-existent due to being located in a mobile dead zone. The Lost Bean's network provider, Spectrum, offers a hotspot to customers who are Spectrum subscribers, but their Internet performance is just as bad.

The café's I.T. person suggested increasing internet bandwidth, replacing the wireless router, and adding an access point. The estimated cost would have been \$500 for equipment and an additional monthly \$100 expense increase, a costly and painful solution for a small business.

Speed tests showed that the café's Wi-Fi network was producing 2Mbps down x 0.5Mbps up. The Lost Bean's simple Wi-Fi network, Spectrum ISP, cable modem, wireless router, and subscription to Spectrum for 15Mbps down x 2Mbps up service wasn't working for their business.



Appliance

Designed to optimize existing wireless networks without costly network equipment or end-user device upgrades. Transparent optimization proxy that sits between an internet modem and local Wi-Fi network. Available in a compact form factor that offers simple plug-and-play installation.

Benefits

TCP Optimization Proxy Appliance

Up to 100Mbps throughput

Improves downloads and uploads by 20% – 100%

Plug and play installation using *WarpAdmin™* management tool

Scalable product family to serve SoHo, SMB, or Large Enterprises

VLAN support

Failover Bypass Support (*WarpGateway-B*)

Resources

[About *WarpTCP™* technology](#)

[About *WarpGateway™* appliance](#)

[Free demo of *WarpGateway™*](#)

The Solution *WARPGATEWAY™*

Colleagues of the café’s I.T. person told him about trying TCP optimization products before increasing internet bandwidth or replacing the Wi-Fi system. Because The Lost Bean is not a large facility, bandwidth was likely not saturated, and the coverage and router were not problems. Additionally, pots of coffee, stainless steel, and other large kitchen equipment may have caused negative interference affecting Wi-Fi signals. BADU Networks and its *WarpTCP™* products have developed several patented technologies that made TCP smarter, particularly in an area that have significant impact to bandwidth under-utilization.



Early June 2017, The Lost Bean installed the *WarpGateway™* product behind its wireless router and the resulting benefits were immediate.

Christian, a Lost Bean cashier, says that the week after the *WarpGateway™* installation, the staff has heard zero complaints. “We haven’t heard customers complain about poor Wi-Fi like we did in the past - the only question we get now is ‘What’s the Wi-Fi password?’”

Speedsmart	Before Badu’s <i>WarpGateway™</i>	After Badu’s <i>WarpGateway™</i>
Date	June 7, 2017	June 16, 2017
Download	2.08Mbps	11.6Mbps
Upload	1.64Mbps	25.37Mbps
Server	Los Angeles, CA	Los Angeles, CA

About BADU NETWORKS

Founded in 2012, Badu Networks has become the market leader in TCP optimization solutions with our patented *WarpTCP™* technology that delivers up to a 10x improvement in performance and throughput. Our appliance and software products leverage this patented technology to maximize existing network ROI by dramatically reducing webpage load and file transfer times and improving mobile application responsiveness. For more information, visit www.badunetworks.com.