

## PRODUCT BRIEF

# WarpGateway-Bypass™

Next Generation TCP Optimization Technology,  
Bringing the Future to your Network



### Use Cases

Wi-Fi edge deployments for home,  
SMB, enterprise branch offices,  
open spaces

Coffee shops, real estate offices,  
grocery stores, hotels

Remote offices and overseas  
facilities

Buses and ships

Distributed antennae systems  
(DAS)

VPNs

Microcellular base stations

Additive to *WarpEngine™* at the  
other end of the network to  
increase throughput performance  
even more

### Models

#### **WarpGateway™-100VB**

100Mbps Optimized throughput  
VLAN support, and  
Failover/Bypass

### OVERVIEW

*WarpEngine™* is built on Badu Networks' patented *WarpTCP™* technology designed with the future in mind, to serve the dramatic increase in network traffic, mobile devices, users, and globalization. *WarpTCP™* is not WAN optimization or caching - *WarpTCP™* handles TCP by making it smarter. Badu's single-box solutions handle encrypted traffic, optimize bandwidth utilization, and perform for high noise networks like Wi-Fi, Cloud, and mobile. By delivering up to a 10x improvement in performance and throughput, *WarpTCP™* ensures you'll get the most out of your network.

### *WarpGateway-Bypass™*

#### TCP OPTIMIZATION PROXY

*WarpGateway-Bypass™* is designed to improve application response time without the need for costly network equipment or end user device upgrades. It is a transparent optimization proxy that sits between your Internet connection and local Wi-Fi or Ethernet network.

*WarpGateway-Bypass™* accelerates downloads and uploads by up to 100% depending on network conditions. Performance for *WarpGateway-Bypass™* depends on network variables such as round trip time (RTT), packet loss, available bandwidth, and size of content. It is based on Badu's patented *WarpTCP™* technology, which was developed specifically to perform well in wireless networks.

## WarpTCP™ BENEFITS

### DESIGNED FOR CLOUD & MOBILE DEVICES

Optimizes performance for high noise networks

### SINGLE BOX DEPLOYMENT

Patented one-box solution costs significantly less than competing two-box solutions

### ACCELERATES ENCRYPTED TRAFFIC

Full performance when handling encrypted and compressed traffic

### MAXIMIZES BANDWIDTH

Increases network efficiency without costly network equipment upgrades, while complimenting past and future network investments

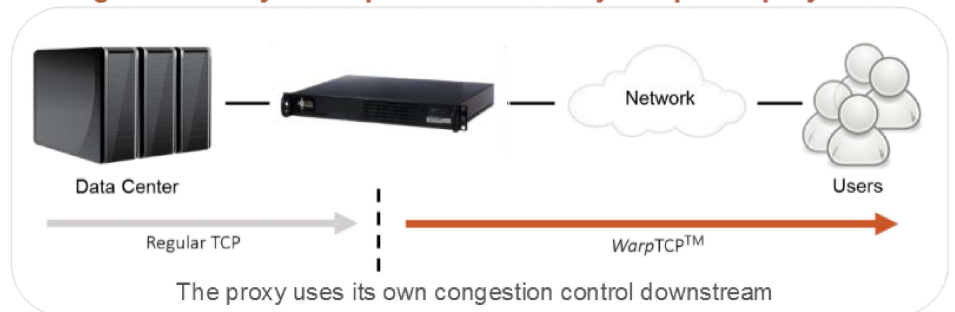
### ADJUSTS FOR GROWTH

Solves the growing challenge of ad hoc Wi-Fi and cellular users

## WARPGATEWAY-BYPASS™ TECHNICAL SPECS

Feature	WarpGateway-Bypass™
<b>Optimized WAN Capacity</b>	100Mbps
<b>Max Number Optimized Sessions</b>	40,000
<b>Max New Sessions, per second</b>	200
<b>Network Adapter</b>	1Gbps Ethernet RJ45 Bypass
<b>Environmental</b>	RoHS Compliant
<b>Temperature</b>	10°C to 35°C operating -40°C to 70°C non-operating
<b>Chassis</b>	1U rack, Half –depth 1.7”x17.2”x11.3” (HxWxD)

### High Efficiency Transparent TCP Proxy Simple Deployment



Learn more at [www.badunetworks.com/products/warpgateway-b](http://www.badunetworks.com/products/warpgateway-b)

## 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](http://www.badunetworks.com).