

## CASE STUDY

# KOICA

*Badu Networks' WarpEngine™ and WarpGateway™ increase KOICA's remote office throughput to boost employee productivity*



### Customer Description

The Korean International Cooperation Agency was established in 1991 as a government agency dedicated to providing grant aid programs of the Korean government. With over 45 global remote offices, KOICA works to support socioeconomic growth and combat poverty of partner countries. Unfortunately, KOICA employees at various offices in Africa are disabled by slow throughput.

### Customer Requirements

- Increase page load speed
- Support source and destination proxies
- Higher speed Wi-Fi services
- Backs underdeveloped and long connections around the world

### Customer Results

- Optimized TCP traffic
- Single and dual deployment for addition improvements
- Cost efficient to remote office
- Significant throughput improvement
- Easy deployment of remote box
- Improved productivity of remote office employees

### The Problem **LAGGING PAGE LOAD AFFECTED EMPLOYEE PRODUCTIVITY**

With over 45 remote offices worldwide, most in countries fighting poverty and building socioeconomic growth, KOICA was often delayed in productivity by slow website page loads. As a government agency providing grant aid programs to partner countries, it is important for KOICA to build relationships with those counties and keep them informed on new developments, but their Internet networks were debilitating their efforts.

Employees were unable to log into accounts without minutes of waiting for the pages to load. The throughput at KOICA's remote offices caused employees to sit idly by, wasting hours and productivity.

In many of the countries KOICA works with, there is a limit or no opportunities to increase bandwidth, so KOICA would have to maximize the available network infrastructure. These network infrastructures did not offer KOICA the network they required to send their remote offices information or for their remote offices to work productively. When KOICA would send information across seas, the long distance and underdeveloped connections would leave their distant locations without important information. It was necessary for KOICA to find a solution to its network issue to continue assisting neighboring, underdeveloped countries.



## WarpEngine™ Benefits

Scalable network optimization proxy

Handles TCP sessions with little to no overhead

Can be deployed at the customer premise for Enterprise applications, in a Service Provider's core network, or in front of 100's to 1000's of servers in a data center

Developed specifically to perform in wireless networks

## WarpGateway™ 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™](#)

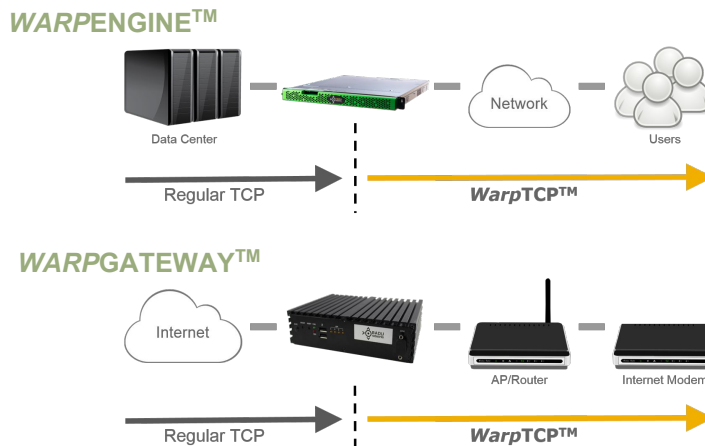
[About WarpEngine™ appliance](#)

[Free demo of WarpEngine™](#)

## The Solution **WARPEngine™** and **WarpGateway™**

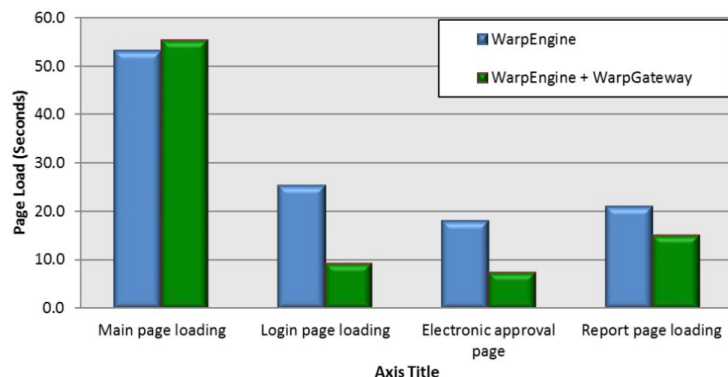
First, KOICA deployed a *WarpEngine™* proxy to their headquarters to improve the enterprise application's end-user experience. In addition to application response and improved throughput, KOICA employees were able to access login pages much faster and work more productively.

Then in KOICA's remote office, *WarpGateway™* optimized the available networks, dramatically improving the online experience for remote employees.



Page load times of uncached content were cut by as much as 50% by adding the *WarpGateway™* proxy at the remote client location in Vietnam and the *WarpEngine™* proxy in Korea.

Page load time comparison between single WarpEngine at the Server, and one at the Server and Client



## 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).