KC NAP
Kansas City Network Access Point

# The Free Google Gigabit Peering Project

## How KC NAP, KCIX & the City will speed up KC fiber

**Kansas City, May 12th, 2010: Kansas City Network Access Point** (KC NAP, LLC) and the **Kansas City Internet Exchange** KCIX peering fabrics announced today that they are being combined to greatly increase the number of local peers in Kansas City. This is a first step to a major demonstration project to show **Google** that Kansas City is doing more than waiting in the wings or renaming itself as Google evaluates the more than 1,100 municipal applications it received for its plans to build a free fiber to the consumer network.

What is peering and how does it help network traffic in Kansas City? Peering is the process of using fast Ethernet interfaces from many networks to locally connect much internet traffic in the region directly, thus circumventing the distance latency and congestion points at the Public NAPS and Private Internet Exchange points in other major cities like Chicago and Dallas. By connecting here customers ultimately save the cost of backhauling traffic to other major cities and the time it takes to transit them. This lowers costs and increases performance.

Think of it this way: If long haul internet fiber is like the interstate highways, the exchanges here are like building on and off ramps or cloverleaves so traffic can go from one major route (or carrier network) to another. Google has demonstrated publicly that they favor peering as a means of lowering costs and increasing performance. In an activist stance we feel that by offering a large number of public, educational, carrier and corporate networks here the ability to peer locally at gigabit speeds we can, as a community, show Google that we are committed to working together to improving networking ourselves — before the first trench is dug.

So our two organizations are putting aside personal interests and offering until **December 2010** free ongoing peering at Gigabit speeds to any network that can join us at either of our home buildings: **1102 Grand** and **324 E 11th** in **KCMO 64106** respectively. By arrangement with the buildings, and our corporate sponsors, we have linked the two buildings with a Gigabit feed so companies peering on either side will see equal benefit. We will then extend this connection to **1100 Walnut** also downtown. Our plan is a **layer 2** path that is widely available and extensible so other carriers and buildings can join the fabric. However, between these three buildings close to 50 carriers and hundreds of corporate networks can be reached with an Ethernet cable. 250 other Metro buildings that can link in at low fiber link cost will be presented.

A public meeting sponsored by the **NAP**, **GoogleKC Coalition** and **The City of Kansas City** will meet **1:30 PM, May 17th 2010** at: **1102 Grand, 20th Floor Conference Room** to present information on peering and show how your network can join many others for free. The Google project here shows broad support and this project is a direct outgrowth of that support. Remember every bit of traffic that flows over the peering fabric is not going to impact your normal path to the Internet, saving both money and boosting your performance. For additional information contact Mr. Graeme Gibson, committee chair for openness and fairness at the number below.

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