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Technical Bulletin

Multihomed Network Devices with Prepress Portal and Storefront Systems

This document outlines which configuration of multihomed network devices the Kodak® InSite™ Prepress Portal system and the Kodak InSite Storefront system support.

Multihoming

A multihomed network can be either of the following configurations:

- A single network interface controller (NIC) with multiple Internet Protocol (IP) addresses added to it
- Multiple NICs in one host computer, either connected to two physical subnets for routing and traffic isolation purposes, or multiplexed into a single logical connection to increase available bandwidth

What Prepress Portal and Storefront Support

The Prepress Portal and Storefront systems support a single network interface with multiple IP addresses.

The reason is as follows. In order to use a Secure Sockets Layer (SSL) connection with the Prepress Portal and Storefront systems, the Microsoft® Internet Information Services (IIS) server software requires inbound access to port 443, which is traditionally the SSL port. Currently the Kodak Smart Review system, a component of the Prepress Portal and Storefront systems, also requires inbound access to port 443. Since the applications do not work well on a single port, an additional port 443 is required. The only way to obtain this is to assign a second IP address on the same subnet to the Ethernet card.

The Prepress Portal and Storefront systems do not support multiple network interfaces.

About Kodak Graphic Communications Group (GCG)

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