

# Capture Software Cluster Installation Demystified

(Why a server/server install is not necessary)

*Application Note*

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<b>Date</b>	July 21, 2011
<b>Applies To</b>	Kofax Capture 8.0, 9.0 Ascent Capture 7.x
<b>Summary</b>	This application note is intended to clarify how the Capture software is installed and functions in a clustered environment.
<b>Revision</b>	1.0

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## Overview

When dealing with a clustered environment, one of the most common misconceptions encountered by Kofax Technical Support is related to how the Capture software is to be installed. There is an assumption that a “server / server” installation is necessary, which is incorrect. This application note will explain why this is not necessary.

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## Summary of How Capture Works in a Client/Server Environment

- Capture installs one server and any number of client workstations.
- Capture clients communicate directly with the Capture database, the Capture share and Capture License Service.

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## Outline of a Capture Installation in a Clustered Environment

- Typically, the Capture Server is installed on one of the clustered nodes.
- The database is installed on a separate SQL Server (or Oracle) cluster.
- The CaptureSV share is usually installed on a “Highly Available” networked device such as a SAN or RAID.
- Usually, a Capture client is installed on the other clustered node (as well as additional workstations).
  - There is the option to install the backup license service on the Capture client that resides on the 2<sup>nd</sup> node, or install it on any other Capture client in that client/server environment.

Should the node where the Capture server and primary license become unavailable, Kofax Capture will:

    - Automatically switch to the Back-Up License Service, wherever it is installed, as soon as it is unable to communicate with the Primary License Service.
    - Continue to attempt to communicate with the Primary License Service, and will automatically switch back to it as soon as it becomes available again. This is performed automatically by the Capture License Service by reading the ACConfig.xml file located within the CaptureSV share.
  - Since the Capture clients communicate directly with the CaptureSV share, the Capture License Service, and the Capture database (based on the information located in the ACConfig.xml file), they are not impacted by the Capture server not being available.