



# BOONE COUNTY PLANNING COMMISSION

## GIS Services Division

### **Interactive Mapping Services**

Project Summary – 09/01/11

#### **Overview**

The Internet Map Server (IMS) was introduced in January 2003 and a more robust internet mapping technology, known as ArcGIS Server (AGS), was introduced in July 2007. Together, these two technologies are commonly referred to as “[Interactive Mapping Services](#).”

Like many GIS desktop applications, an interactive mapping service has basic mapping functionality: zooming, panning, searching, identifying, and printing. It is this functionality that puts the word “Interactive” in Interactive Mapping Services.

The goal for this technology is to provide current GIS data to the general public over the internet in a cost effective and efficient way. Though Boone County GIS has had good and bad experiences throughout the process, the mapping services have remained cost effective because the entities involved understand the importance of giving free public access to GIS data and the mapping services have remained efficient because of the availability of cutting-edge technology and broadband internet.

#### **ArcGIS Server (AGS)**

In 2007, Boone County GIS introduced a new & improved internet mapping technology to the general public by unveiling six (6) internet mapping services.\* In 2011, the list grew to fourteen (17) map services:

Boone County Base Mapping*	Cincinnati / NKY Int'l Airport Mapping
Florence Base Mapping*	NKY Control Points Mapping
Union Base Mapping*	Parks and Recreation Mapping*
Walton Base Mapping*	Points of Interest Mapping
Boone County Arboretum Mapping	Sex Offenders Mapping*
Boone County Arboretum Query	Snow Removal Mapping
Boone County PVA Mapping	Voting Precincts Mapping
Boone County PVA Query	Walton-Verona Schools Mapping
Boone County Schools Mapping	

#### **Internet Map Server (IMS)**

In 2003, Boone County GIS introduced a new internet mapping technology to the general public by unveiling ten (10) internet mapping services. The list of available mapping services grew to twenty-one (21) before beginning to be phased out in September 2010. All twenty-one (21) map services were replaced with the newer ArcGIS Server technology in September 2011.

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