



# Development and Implementation of a Nationwide Testing Strategy for a Major System Implementation

*National Healthcare Outpatient Company*

## *Type of Business*

Client is a leading national provider of diagnostic imaging services from highly sophisticated PET, MRI and CT to more common X-rays and ultrasound. Services are delivered through a network of owned and operated diagnostic imaging centers.

## *Statistics*

Annual Revenue  
\$250 Million

Number of Clinical Locations  
76 in 10 states

Contact Information  
Available on request

## *Business Challenge*

National provider of radiology services sought improved operational performance through standardization of information systems supporting all patient care services

A testing strategy had to be in place to provide a structured framework to verify that all the elements of the entire technological solution worked properly, and that it met the end-user's requirements of interoperability

Throughout the course of the project, the vendor continued to issue new software releases, upgrades, and custom built enhancements. The Testing Methodology and Tools had to be able to accomplish comprehensive testing in the shortest possible timeframe.

## *Action and Results*

Avalion defined an overall testing strategy, methodology and tools including test plans, test scripts and data, test controls and definition of the technical testing environment.

**The testing methodology and tools enabled end-to-end testing of the application components in less than two elapsed days. This allowed the overall project to stay on track and meet a very aggressive project timeline.**