

## Technology Consulting – Big Data Strategy



The customer is in the business of teleradiology serving hospitals and diagnostic centers. They are based out of one of the leading city in western part of India, where they have set up their operations.

Their clients – Hospitals and diagnostic centers – who have installed radiological machine and render services to patients. The biggest challenge for those hospitals and diagnostic centers are not having enough radiologists who can interpret the pictures taken using radiological equipment such as digital X rays, MRI, CT Scan etc. Sagesse Abundance customer solve the problem of non availability of radiologists, by having panel of radiologists across the globe, who will review the pictures uploaded by client hospitals and diagnostics centers into a centralized web-based software hosted by client of Sagesse Abundance.

The services are governed by service level agreement and pay per use fee



### Customer Situation

The customer had the IT environment that consists of e-RAD, the mission critical web-based solution that has all data and pictures uploaded by the hospitals and diagnostic centers. This is the “Operations Support System”. e-RAD contains all health care information of patients submitted by their clients - hospitals and diagnostic centers, across the world.

In addition to e-RAD there were a few “Business Support Systems” and Office productivity software.



### The Strategic technology solution

The customer had the incomparable information assets in the form of radiology pictures.

As part of Sagesse Abundance Technology consulting, Sagesse Abundance recommended a big data strategy, by setting up data lake with the health information received from hospitals and diagnostic centers. Along with internal data, external data can be sourced and added to data lake for data scientists to derive insights



### Business Benefits

As we all know “Data” is the new oil and particularly health care data (without compromising the data privacy of individuals/patients) is highly valuable.

The health care data available with client of Sagesse Abundance has immense monetization value for several target customers and research institutions