

# Data Driven Decisions for Healthcare

Business intelligence that empowers today's patient-centric healthcare initiatives.

The healthcare marketplace is experiencing an unprecedented transition. With the implementation of the ACA, Healthcare providers are being incentivized to efficiently deliver high-quality services at lower costs. As your organizational model evolves, there is an increased need to quickly identify efficiencies, improve patient care and determine the best possible ways to allocate resources that impact both inpatient and outpatient services. You know that relevant data is key to making some of these decisions and your organization has been collecting it for years, but how do you access and aggregate that data in order to support the decision making process and optimize patient care and subsequent incentives?

Currently the analytic modules imbedded in your electronic health record/hospital information system (EHR/HIS) may not be enough to provide you with the information you need in a logical and simple way. It also does not give you the option of including public data that may be useful in your decision making process. If this sounds familiar, it may be time to let Unleash Enterprise Innovation<sup>3</sup> transform the way you access and analyze your data.



*HP, Microsoft®, and Sogeti working together make it very easy with just one point of contact for all hardware and software questions, combined with full lifecycle services from planning and implementation to high level data science services and ongoing management services if needed.*

## Unleash Enterprise Innovation<sup>3</sup>: The Alliance Approach to Healthcare BI & Analytics

Sogeti's implementation, Microsoft's best-in-class BI tools and the HP ConvergedSystem 300 for Microsoft Analytics Platform are what makes Data Driven Decision for Healthcare a reality. Microsoft's Analytics Platform System (APS) along with Power BI for Office 365 allows you to easily deploy a cloud-based BI environment where people can share insights, collaborate and access reports, from anywhere—phones, tablets or PCs and all through the familiar user interface of Excel. APS offers scalability for data growth and the ability to include unstructured data into the mix such as blogs, social media and other useful public online data sources. APS has been optimized to run on the HP ConvergedSystem 300 for Microsoft Analytics Platform, ensuring cost-effective reliability.



Sogeti incorporates best practices and methodologies to manage the entire process from beginning to end including expert consulting, analysis, Proof of Concept services, deployment planning, full implementation and testing.

## Solution Acceleration: Unlocking new insights with improved data discovery for Healthcare Providers

### The Challenge

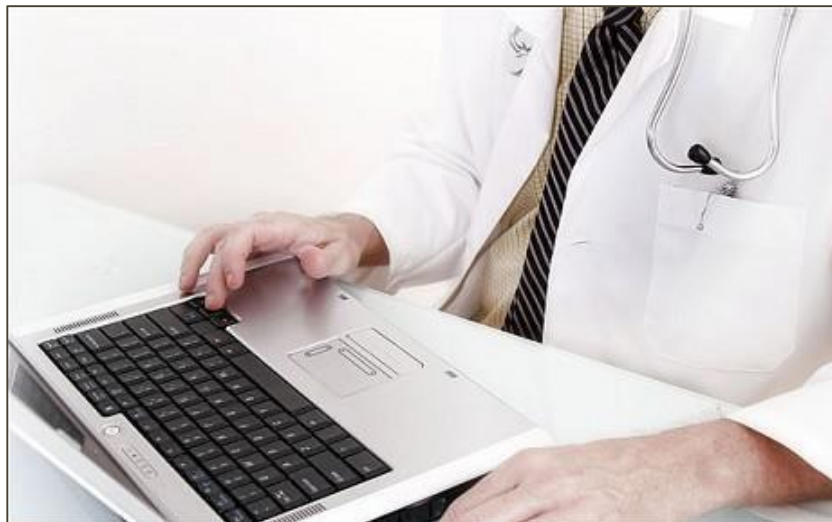
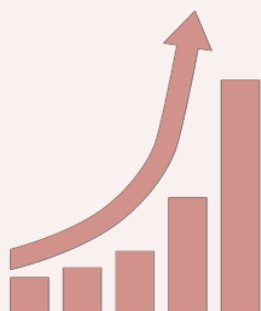
Healthcare Providers need a faster, more scalable solution for producing trend reports for hospitals and clinics to improve patient care, provider experience, cut readmission rates, and gain other efficiencies. The solution also needs to enable mobile workers, be affordable and easily maintained by a small IT team.

### The Solution

Sogeti delivery of the solution via the Microsoft Analytics Platform System (APS) and the HP ConvergedSystem 300 for Microsoft Analytics Platform enabling mobile employees to work with data on their tablets and other mobile devices using O365 and Power BI.

### Benefits

- Improved real-time insight into structured and unstructured data from diverse sources, including business systems, EHR, web logs, social media and devices
- Empowered hospital to perform population health analytics to improve services and help meet requirements for Accountability Care Organizations
- Reduced reporting load time from days to minutes, and query time from hours to seconds
- Cuts storage costs by compressing data more than 95 percent
- Provides improved service-levels to providers and customers



### A Powerful Solution with a Familiar User Interface

The Unleash Enterprise Innovation<sup>3</sup> solution helps to optimize your organization's investment in Microsoft technologies. Your staff is already accustomed to working with the Microsoft Office Suite including Excel. Office 365 with Power BI allows you the opportunity to quickly apply the use of that familiar Excel interface to discover, visualize and analyze data and unlock insights like never before without the time consuming learning curve that potentially comes with training your staff to use complicated new tools and interfaces. Additional benefits provided through this interface include:

- The easy ability to access reports on Mobile devices through the Power BI mobile app
- Surfacing data in real-time on Windows 8 devices through live tiles so important information is always immediately visible ensuring you don't miss critical notifications or new trends and allowing you to easily drill further into data as needed
- Creating and sharing workbooks and queries using Power Query in Excel
- Search both public and corporate data as well as merge data from multiple sources
- A Q&A feature allowing users to type questions they have of the data in natural language.

For more information please visit [www.us.sogeti.com/](http://www.us.sogeti.com/)

