

TRANSFORM YOUR HEALTH SYSTEM

EHR Optimization

The Background

The electronic health record is one of the largest financial and resource investments a health system can make. To date it has been challenging for most organizations to measure the value of the EHR in order to justify the substantial investment. An even greater challenge is found when trying to establish the positive impact of the EHR on clinical care. Many organizations struggle to communicate this value internally as competing messages relating to workflow interruption and inefficiencies caused by the EHR gain traction without evidence to the contrary.

There are a number of opportunities to demonstrate the return on investment and to minimize perceived inefficiency and workflow interruption tied to the EHR. The LogicStream Intelligence Platform allows health systems to directly tie usage of the EHR to items such as patient safety, quality and compliance. Additionally, with proper measurement health systems can increase usability of the EHR to both support improved clinical outcomes and more efficient care delivery.

The Challenge



No way to measure how the EHR is impacting patient care



Alert fatigue and workflow interruptions must be minimized



Competing voices and complaints may overshadow actual EHR value



Lack of tools to enhance EHR workflow and efficiency

Important Stats

1.1M

Dollars saved through reduction in hospital acquired conditions

25

Percent of order sets retired to remove clutter and inefficiency

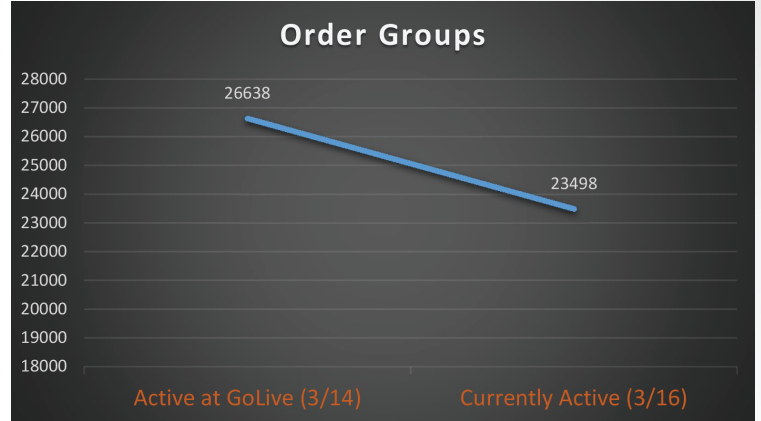
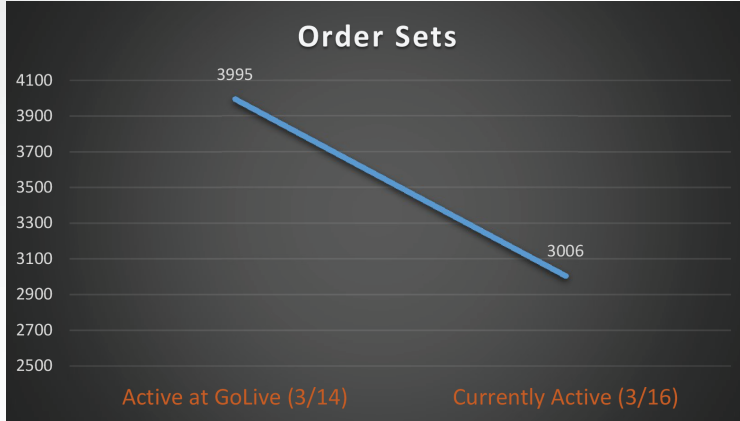
3,140

Number of order groups retired after deployment of LogicStream Platform

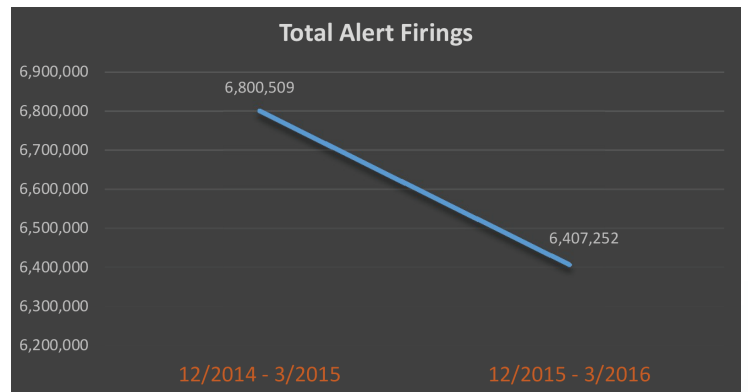
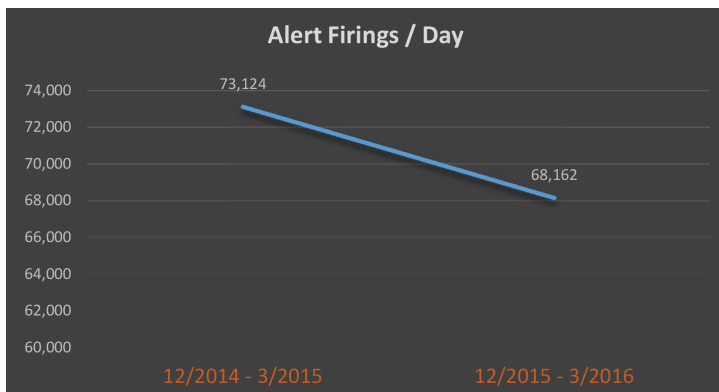
1.6M

Fewer alert firings annually to reduce alert fatigue





With the implementation of the LogicStream Intelligence Platform, health systems are able to quickly and easily evaluate the current EHR content build. Most health systems are updating and managing content that is never used in clinical practice, essentially wasting resources on activities that add no value to the health system. Perhaps more important, the clutter that this unused content presents to users may add to the perception of the EHR as being a confusing, inefficient tool. By eliminating unused content and consolidating EHR components such as order sets and order groups, teams within the health system are only viewing, utilizing and updating relevant content. This frees up valuable time for higher impact activities and reduces potential negative perceptions of the EHR.



In addition to the impact on order sets, the LogicStream Intelligence Platform further impacts clinician satisfaction with the EHR through better management of alerts and alert firings. The graphs above demonstrate a substantial decrease in total alert firings in the same three month period year over year as well as a significant reduction in the number of alert firings each day. In one year, one health system was able to eliminate approximately 1,200,000 alert firings, reducing clinician alert fatigue and increasing the impact of the alerts that do fire.



EHR OPTIMIZATION

The LogicStream Solution

LogicStream Health offers health systems the ability to prove the value of their EHR investment and improve care delivery through clinical process measurement. With LogicStream, you can:

- » Decrease alert fatigue experienced by providers and clinicians
- » Improve usability and physician satisfaction of the EHR
- » Minimize unnecessary maintenance costs for order sets
- » Deploy targeted and effective clinical decision support through the EHR
- » Measure the impact of the EHR to determine associated ROI
- » Facilitate a repeatable measurement methodology that goes beyond outcome measurement

About LogicStream Health

LogicStream Health improves healthcare outcomes, patient/provider satisfaction and financial performance through innovative software and solutions. The LogicStream Intelligence Platform delivers results to health systems by reducing unnecessary care variation and providing the ability to monitor the care delivery process in a robust manner. With a strong and experienced team focused on innovation, LogicStream provides a scalable and sustainable method to improve the quality and reduce the cost of healthcare. For more information, visit Logic-Stream.net.