WE'RE TALKING ABOUT THIS!

AI - ADAPTIVE INTELLIGENCE

Have you ever tried to fix one problem, only to realize that it causes another? Because we're all in search of a balanced solution that will offer a comprehensive approach to success—especially in healthcare, many experts believe that the solution may lie with Artificial Intelligence [AI] and its almost 'magical' potential. And while currently, the vision exceeds the capability, it certainly won't be that way for long. Public and private sector investment in healthcare AI is expected to reach $6.6 billion by 2021, according to some estimates[1].

To date, much of the focus regarding machine learning and AI has been clinical in nature—things like early disease detection, imaging analysis, population health determinants, and precision medicine—clinical diagnosis and treatment that we could only imagine a generation ago. And so, it's an unlimited and new frontier in medicine that will likely revolutionize patient care.

Unfortunately, the same cannot be said for the operations side of healthcare. Too often, we plan the demand for health services based on little more than historical precedent, and we marshal people, facilities and assets reactively, responding to one crisis after another, repeating the same cycle, day in and day out. We never seem to get ahead of the problem.

It's not for lack of data—we accumulate more and more each day. The exhibit hall at HIMSS is strewn with companies, from the largest acronym to the smallest start-up, designed with the sole purpose of extracting data and creating 'apps' and 'walls of numbers' on large screens to admire a problem you knew you had, in high definition.

It's time for analytics to come down off the walls. Time to be less about being interesting, and more about being useful. Time to stop admiring the problem, and time to start solving it—or better yet, avoiding it altogether.

TeleTracking is partnering with some of the leading health systems around the globe to develop what we call Adaptive Intelligence. The goal of our AI is to eliminate the distinction between the daily operations of healthcare, and the analytics surrounding those operations. Analytics should be fully integrated and indistinguishable from the daily activities of healthcare workers. Together with our partners, we are developing algorithms that present caregivers with better data and specific recommendations at the point of care, or point of decision, for a patient. We are also using Adaptive Intelligence to make workflows self-referencing—dynamically adjusting activities based on the situation in that moment to optimize the operations of the health system overall.

TeleTracking is uniquely qualified to provide Adaptive Intelligence to healthcare operations. For nearly three decades we have been perfecting similar algorithms in the management of patient transport, environmental services, and patient discharge. Thanks to the more than 1,000 hospitals we are proud to call clients, we have the single largest repository of patient flow data globally that continues to inform the design of our solutions and services. And our partnerships with our clients are leading to new and exciting applications of Adaptive Intelligence every day.

In the coming months, you will see TeleTracking introduce a number of new capabilities under the banner of Adaptive Intelligence, including demand and staffing capabilities, workflow optimization tools, and prescriptive patient flow engines—all critical to the impending nursing shortage. For example, these capabilities will empower health systems to take a more proactive approach to forecasting patient demand and staffing needs five days in advance in order to prepare for surges, right-size staffing and avoid last-minute schedule changes that lead to a significant reduction in labor costs and increase in staff satisfaction.

Built on our legacy and singular focus of ensuring that no patient will ever have to wait for the care they need, we hope you will engage with us in the continued discovery and innovation of TeleTracking's Adaptive Intelligence platform.

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JEANNE IASELLA
Chief Solutions Officer at TeleTracking

Jeanne Iasella brings broad experience in technology, strategy and management to her role as Chief Solutions Officer at TeleTracking.

Prior to TeleTracking, Jeanne worked with Aesynt / Omnicell, leading their operations in pharmacy supply chain optimization. She also spent a number of years with Bayer Healthcare, most recently as the Vice President of Mergers and Acquisitions for medical devices. Earlier roles included the medical device company MEDRAD, where she served as Chief Information Officer. Jeanne began her career with Arthur Andersen, as a CPA, management consultant, and leader of the tax software development division.

Jeanne received a bachelor's degree in Accounting from Villanova University.