



## MedAtrium – Mobilizing Reconfigurable Medical Diagnostic Response

Medical diagnostics need to be available in the right time and place, results need to be efficiently delivered, and false positives and negatives both need to be reduced. People need to know what else may be a serious complication or consequence, and people need to learn about what can help them in critical and emergency times. Epidemics and pandemics are not the only crisis environment where health is put at risk for thousands at a time.

MedAtrium provides mobile, reconfigurable medical diagnostics, treatment and education, with both digital and physical components. All within a convenient portable container that can be moved by truck, ship or helicopter. Mobile Pod units resembling containers and trailers contain diagnostic testing labs, provisions for public/patient education and training, emergency medical services, and coordination of antimicrobial bioprotection for surfaces and objects using a coordinated repertoire of antimicrobial chemical treatments and biosensor instrumentation.

The diagnostics are focused upon infectious and contagious diseases (such as and including COVID-19 but not limited to any one biopathogen or condition). The diagnostics are all performed rapidly onsite with a minimum of challenge to any person from the public. Results are within minutes or hours, with all analyses performed within the MedAtrium facility.

Additional examination and diagnostic offerings are provided to each visitor/patient, with a focus upon existing medical comorbidities and especially also the potential consequences and associated conditions that may be associated with the infectious disease(s) (e.g., cardio-pulmonary symptoms and diseases which can be linked with influenza, pneumonia, coronavirus, and other pathogens).

Patient-visitors are provided with extensive onsite education and training, particularly focused upon personal and public health matters.

Contact IRI directly to discuss precisely what is in a MedAtrium and how it can be custom-configured for your hospital, public health department, corporation, or national agency. We will explain why with RT-PCR coupled with SIMOA and other technologies there is an ability to address the needs of community diagnostics for a complex combination of infectious, inflammatory and neurological diseases "in tandem" and with precision not obtainable through limited testing procedures. We will explain the importance for individual and community health of addressing specific high-risk and high-alert pulmonary and cardiovascular conditions that are often linked with specific diseases (e.g., COVID-19, influenza and variants).

MedAtrium can be purchased, leased, and also shared between multiple cooperating institutions and agencies. IRI has a full-scope plan for time-sharing, cost-sharing, co-ownership and lease-to-purchase options available for MedAtrium.

The history and roots of MedAtrium go back to the early 2000s and emergency response actions related to hurricanes and other natural disasters, and the global defense against terrorism. Early prototypes were successfully deployed during the H1N1 pandemic of 2009-

2010. MedAtrium is economically and socially an integral component in any nation's defense against epidemic-type diseases becoming out-of-control pandemics with grave lethal consequences.

There is, without any question, no other system like MedAtrium. It took decades for our team to do the research, to develop prototypes, to do testing including "in the field" internationally, on five continents, over a 25-year period. We have the most logical, sensible, optimal, and economical solution for mobile diagnostics and analytics in the world.

Products and applications of IRI products within the agriculture, energy, and space fields are truly revolutionary advances that will make our business and national partners be strong leaders in our dynamically-changing world. Our sponsors, investors and supporters have a true "leading edge" that empowers them in this century and beyond. The "return on investment" for all IRI sponsors, investors, clients and employees is unmistakable, remarkable, and unparalleled. IRI is positioned to be one of the dominant controlling forces in the remainder of this 21st century and beyond - on Planet Earth, beneath its surface, and far beyond in Space.