

# TransMed Suite™

## Integrated Translational Medicine Environment

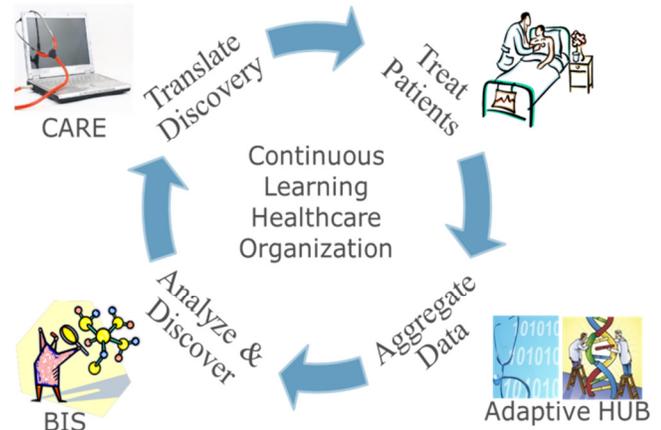
*Unlock the power of your healthcare data to become a Continuous Learning Healthcare Organization*

### Highlights

- **Maximize the return from existing EMR and other healthcare database investments already made**
- **Improve clinical quality and patient outcomes through discovery and application of evidential lessons only available in your data**
- **Accelerate adoption of translational medicine / continuous learning with a complete, open and integrated translational medicine platform**

By making significant investments to collect and store vast amounts and the wide variety of healthcare data (EMR, genomic, bedside monitor, LIMS registry,, survey, claims, etc.), healthcare organizations have taken the first crucial step on the path to becoming a continuous learning healthcare organization. These disconnected data repositories are an untapped gold mine continually replenished

with evidential lessons that can improve clinical quality and patient outcomes while fueling your organization’s continuous learning loop. The true return on investment of this data collection can only be fully realized when it’s organized to continuously and systematically discover improvements and translate them into clinical practice.



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TransMed Suite is the only fully integrated yet open platform that extends existing healthcare investments to complete the entire translational medicine / continuous learning workflow from data aggregation, to retrospective analysis to prospective clinical application



## Clinically Actionable Report Engine

***CARE effectively and efficiently translates discoveries arising from basic science, clinical application, clinical research, clinical trials, and population studies into everyday clinical practice through targeted decision support.***

- Accelerate application of approved personalized analytics into clinical practice
- Present complex, personalized analytics on individual patients based on clinical, molecular, and other relevant data in a clinically actionable format
- Configure CARE reports to contain personalized analytic content and historical patient content formatted to your institution's & clinician's specific needs
- Configure a similar-patients comparative effectiveness analysis based on historical patient data
- Collect personalized analytics and integrate with all other patient data in order to do future retrospective analysis and continuously improve personalized analytics algorithms based on evidence in the data

## Bio-Informatics Suite

***BIS accelerates discovery by increasing researcher's productivity with an integrated, self-service suite of translational medicine tools that shorten turn-around time and reduce inefficiencies across the entire translational research workflow.***

- Accelerate discovery and increase productivity with an open platform supporting the entire translational research workflow
- Eliminate error-prone work through tight integration that enables the seamless transition of data between tools
- Deliver results to business users on demand with self-service data access, reporting and analytics thereby alleviating data analysts and biostatisticians from the critical path
- Foster tool adoption through a familiar, intuitive user experience that requires minimal learning curve
- Facilitate multidisciplinary team collaboration through artifact sharing in project workspaces

## Adaptive Healthcare Unified Bioclinical Warehouse

***Adaptive HUB minimizes time to value, total cost of ownership and business risk traditionally associated with a data warehouse through adaptive technology that is essential for a future of ever-changing data elements that drive healthcare decisions***

- Adaptive technology embraces a future with an accelerating pace of change in the data elements that drive healthcare decisions (patient and encounter data from the EMR; second by second physiologic data from bedside monitors; genomic data from sequencing and other molecular data sources; claims and billing data from financial systems; biobanking and LIMS data from research; and more)
- Reduce time to value, total cost of ownership and business risk with technology proven to accelerate implementation and reduce maintenance costs
- Don't conform your data to a predefined, complex, vendor-specific, schema; instead, utilize TransMed's unique, patent-pending schema-definition language to deploy a simple, consistent, open relational model that can service not only translational medicine and research; but also operations, quality and safety reporting if desired

### For more information

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