

Envisage Healthcare Solutions

PathMakerTM

August 31, 2004

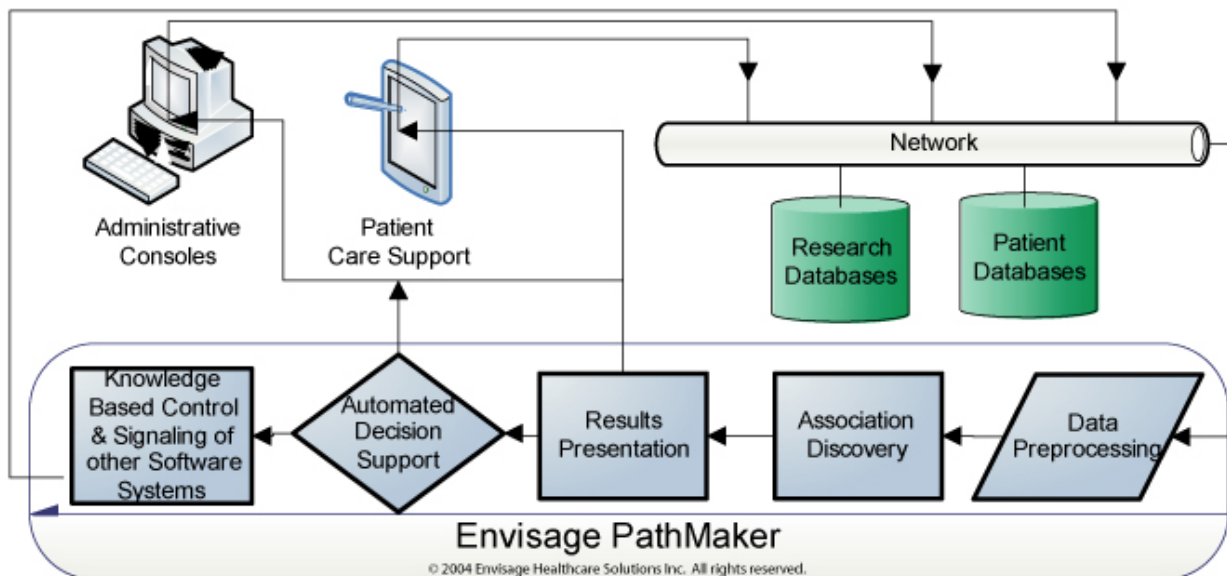
Envisage Healthcare Solutions Inc.
460 Phillip Street
Waterloo, Ontario
N2L 5J2

RESTRICTIONS ON USE, DUPLICATION OR DISCLOSURE OF PROPRIETARY INFORMATION

This document contains information proprietary to Envisage Healthcare Solutions Inc., to its affiliates or to a third party to which Envisage Healthcare Solutions Inc. may have a legal obligation to protect such information from unauthorized disclosure, use or duplication. Any disclosure, use or duplication of this document or any of the information herein for other than the specific purpose for which it was disclosed by Envisage Healthcare Solutions Inc. is expressly prohibited, except as Envisage Healthcare Solutions Inc. may otherwise agree in writing. Recipient by accepting this document agrees to the above stated conditional use of this document and the information disclosed herein.

Envisage PathMaker™ is a decision support tool for patient diagnosis and therapeutic management and intervention that addresses the special privacy, security and availability requirements of the healthcare industry.

Based on patient demographic and testing data, the Envisage **PathMaker™** product uses evidence-based techniques to offer a most likely diagnosis and then identifies the most efficacious treatment regime available along existing critical care paths. Using patented technology the system is capable of providing clinical decision support using multiple variables taken from a wide array of information. Patient ECG results, diagnostic imagery, genomic data, along with administrative variables, can all be considered to maximize patient outcomes. A number of applications can be supported from screening patients for infectious diseases, e.g., SARS, through drug efficacy, to the identification of optimal treatment regimes for cancer and cardiac patients.



A Flexible Tool for Patient Care and Management

PathMaker™ can be used to optimize efficiency, reduce the costs and maximize outcomes for patient care and management. Using a broad range of data types **PathMaker™** identifies knowledge trapped in data without any hypothesis or relationship input by a clinician. Gigabytes of patients’ data are beyond human capabilities to traverse through and identify key relationships that may be critical to patients care. **PathMaker™** isn’t simply a procedural checklist for clinicians, **PathMaker™** identifies critical relationships in data, not detectable by traditional means, and allows that information to be utilized by clinicians to enhance patient outcomes, reduce costs and better administer healthcare. All elements available, from genomic information to costing, can be considered in **PathMaker™**.

Massive amounts of data have been collected in the healthcare industry and medical researchers. Data collection will continue to grow in the future. Some of the most important results can be trapped in this data because traditional statistics and data mining techniques do not find the

results. Envisage **PathMaker™** discovers this **trapped knowledge** and makes it available to support healthcare decision-making.

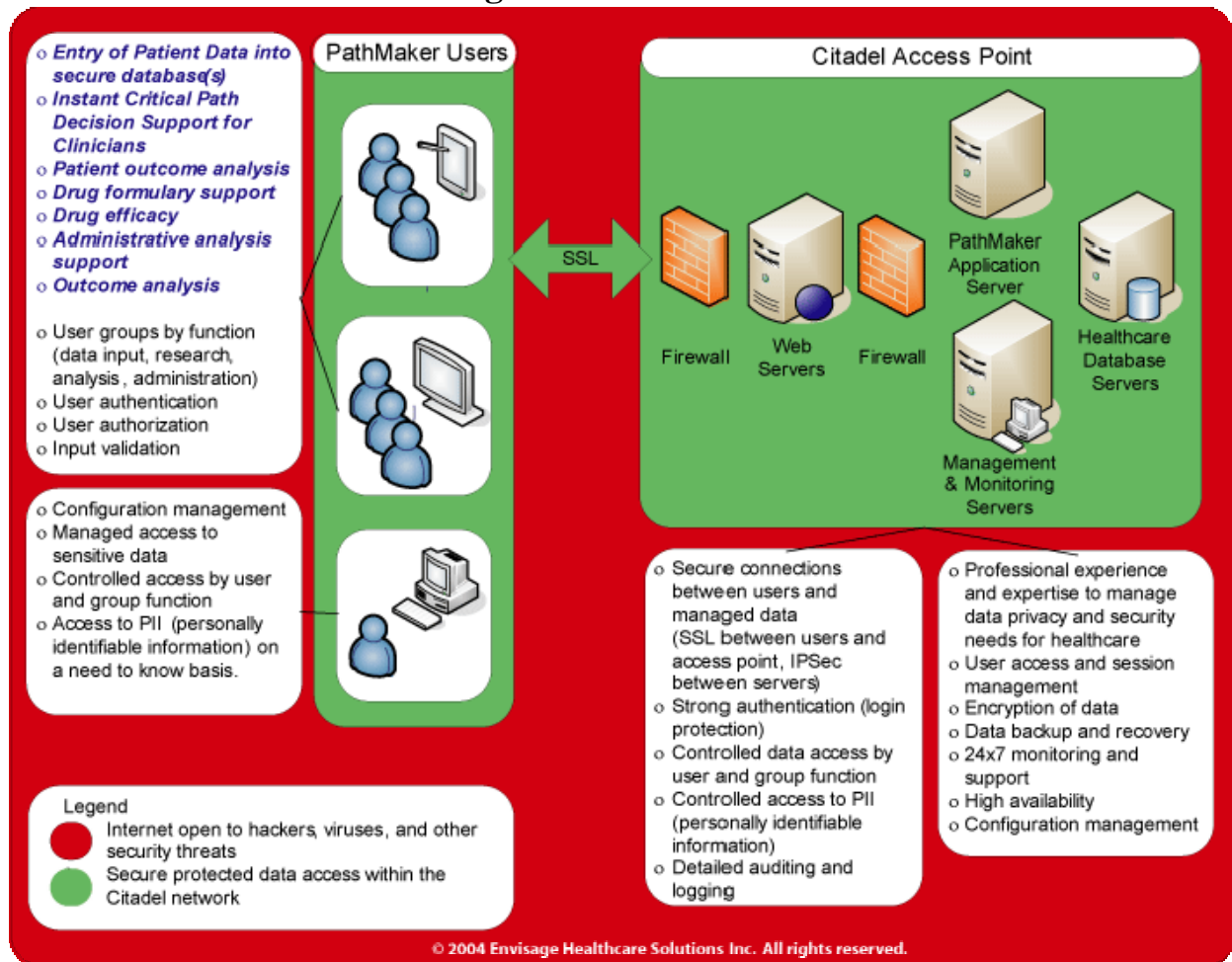
Key Features of **PathMaker™**:

- ✓ Automated Decision Support for Clinicians
 - Using patent protected technology Envisage **PathMaker™** analyzes historical data and current patient information to provide decision support for critical care path to maximize patient outcomes and control costs.
- ✓ User Security and Role Management (tiered access to data)
 - Through the use of *security in layers* **PathMaker™** provides users with access to data based on their roles via strong user authentication, strong data authorization mechanisms, restrict access to data and data encryption. This ensures patients private information is viewed only on a need to know basis.
- ✓ Custom Data Analysis and Reporting
 - Using patented technology, Envisage can deliver custom data analysis and reporting of information collected and stored in databases
- ✓ See Envisage Healthcare Solutions **Citadel™** information sheet for more features
 - With **PathMaker™** operating within the Envisage **Citadel™** environment, high availability, 24x7 monitoring and Data Loss Protection can be provided within a managed service environment that provides a turnkey solution for healthcare providers.

Healthcare in North America is in an untenable position. To ensure that quality service is readily available, can be delivered in a cost effective manner and can achieve the most positive outcomes is a daunting task. Ongoing measurement and collection of data in healthcare is a critical element for achieving these goals. Yet collecting massive amounts in a variety of formats makes it difficult for healthcare professionals to extract useful information from that data to support their decision-making efforts.

The Envisage **PathMaker™** solution provides a means to solve this problem. With no prior knowledge of the data or hypothesis, **PathMaker™** software discovers high order relationships in data that can be used to support the decision-making processes in healthcare such as drug efficacy and critical path determination for patient treatment regimes. More effective treatment plans translate into better outcomes for patients at lower costs.

PathMaker™ Architecture Diagram



For further information of Envisage Healthcare Solutions **PathMaker™** decision support software, please contact us at info@envisagehealthcare.com or at 519-591-9974.