



CANOPY ARCHITECTURE

Canopy is a fully configurable, multi-tier Java application designed expressly to run over the Web. We handle the complexity, so that you can focus on patient care.

Conceived and engineered to run on the Web, Canopy's solution incorporates advanced technologies that greatly enhance the patient care management process. Using object-oriented, open-standards architecture, Canopy® is optimized to provide high performance when running over the Internet. Canopy products are accessible to all approved users including utilization, case, and disease managers; representatives from skilled nursing facilities; hospital ER physicians; primary care physicians; home health nurses; and others authorized by the client organization to access the data.

Hardware Platform

Canopy runs at our Secure Data Center on state-

of-the-art servers equipped with redundant storage and automated backups. Beginning with unsurpassed physical access controls, the Secure Data Center is engineered to protect the security and availability of confidential patient information. Power systems with surplus capability including generator power backup, multiple ultra high-speed fiber optic links to the Internet, and redundant fire suppression systems, help ensure continuous operation. The Secure Data Center also features a state-of-the-art firewall and regular penetration testing to protect your data.

Application Architecture

Written entirely in Java, with an HTML front-



end, Canopy is an n-tier application built expressly to run over the Web. The application is layered in compliance with today's object-oriented programming "best practices" for maximum flexibility and quality. An ASP application, Canopy eliminates expensive installation procedures while supporting seamless, dynamic upgrades and enhancements. Canopy employs the best of today's systems development technologies from vendors such as Microsoft, Adobe, Macromedia, Sun, JBoss, and Actuate.

System Requirements

To ensure the optimal operation of the Canopy solution, the following are minimum requirements and recommended guidelines:

Hardware (Recommended)

- o 400 MHz Intel-compatible processor
- o 64 MB memory or higher
- o 1024 x 768 or better screen resolution
- o 24-bit color display
- o access to a local or network printer

Software (Recommended)

- o Windows NT, Windows 2000, or Windows XP
- o Internet Explorer (IE) 6.0
- o Adobe Acrobat Reader 5.0 or higher

Automated Data Entry

HL7 data from the client's ADT system can be forwarded to the Canopy application eliminating the need to re-enter patient demographic and financial information, while facilitating the monitoring of patient compliance with the care plan.

User Interface

Employing a familiar Web-based browser interface, Canopy is easy to learn and use. Canopy's configurable Web links feature lets users integrate hyperlinks from Web sites, intranet pages, or reference documents directly into the Canopy interface. Canopy features a comprehensive, context-sensitive, fully indexed on-line help system that substantially lowers the learning curve. The reference documentation clearly explains case management concepts and demonstrates on a step-by-step basis how to execute all Canopy UM®, Canopy CM® and Canopy QM™ operations.

Canopy can also be easily tailored to meet the particular needs of your organization. Administrative users can customize all clinical content, including case management assessments and plans of care. And users can tailor screen elements, data filters, and sort orders to streamline their workflow process.



For More Information on how you can leverage the power of the Internet to meet your patient care management requirements, please contact Canopy Systems:

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