



Case Study



Client Profile

As a clinically-driven, information technology firm, Kardia Health Systems, Inc., assists healthcare professionals in delivering the highest quality healthcare worldwide. Kardia is one of the leading providers of laboratory information management solutions and software for echocardiography labs.

Kardia Health Systems offers the first comprehensive web-based Echocardiography Information Management System (EIMS®). EIMS facilitates best practices through improved efficiency in laboratory workflow, and embedded processes that are HIPAA compliant and facilitate ICAEL accreditation. Developed at Mayo Clinic, EIMS is now available to echocardiography labs across the world.

Executive Summary

DYONYX worked with Kardia from the inception of the company to provide the design, implementation, and management of the Kardia datacenters. The EIMS application originally resided within the Mayo Clinic operating on UNIX platforms and needed to be migrated into a new Kardia controlled datacenter running on Windows Servers. Kardia conducted an initial analysis of the requirements to own and operate a fully redundant, HIPAA compliant datacenter and quickly realized that their business plan could not accommodate such a large undertaking. Kardia's core business plan was to take the Mayo developed EIMS application to the worldwide healthcare community as a web-based application provided as a true ASP service. Since the core of the Kardia business would be dependant on their datacenter management ability, Kardia turned to DYONYX for help.

Solution

DYONYX provided the initial analysis, transition plan, and migration to support Kardia's needs and completed the transition within three weeks. Kardia started with four hosted servers located at the DYONYX Houston datacenter and within eighteen months has grown to forty hosted servers across three physical datacenters.

DYONYX provides a full suite of managed services for Kardia including infrastructure management, engineering services, disaster recovery planning and implementation, application design and development, and strategic consulting for the ongoing growth of the company. Kardia has outsourced their entire critical infrastructure to DYONYX and is growing towards needing the DYONYX ITIL aligned service desk to provide end-user support to Kardia's healthcare clients.



DYONYX LP, is a privately held information technology and management consulting firm dedicated to helping clients across the nation improve their productivity and security and reduce their cost and risk through a proven set of methodologies, extensive experience, deep skills and world class service at reasonable rates. For more information contact: Timothy Barto at: 713.830.5910 or tim.barto@dyonyx.com or visit us on the web at www.dyonyx.com