



## CASE STUDY



*THINWORX, a Server Based Technology, delivers fast, secure, cost-effective remote access to hospital applications, reducing errors and improving overall patient care*

## THE VIRTUAL DOCTOR



### The Challenge

JOSEPH BRANT MEMORIAL HOSPITAL

Today's Hospitals rely on Health Care Information Systems (HCIS) as a means to manage and track the process and progress of delivering quality care to their patients. Physicians in turn rely on the information these systems collect and store in order to verify patient admission, track treatment progress and to schedule hospital rounds.

The key challenge facing both Hospitals and Physicians is that the information within these systems isn't readily accessible anytime, anywhere to those who need it. Compounding the problem is some HCIS systems aren't architected to allow for secure remote access.

Joseph Brant Memorial Hospital asked UNIS LUMIN, authorized partner of Genuit Corporation, to help them deal with this challenge. The goal was to provide physicians and medical staff with access to its Meditech HCIS in order to access patient data including test results, medication records, and hospital admittance information from anywhere at anytime.

Key to the solution was the Hospital's requirement that any remote access solution involve only minimal support from its already overburdened internal IT department, be completely secure, and convenient and easy for physicians and other medical staff to use.

### Client Profile



JOSEPH BRANT MEMORIAL HOSPITAL

- Joseph Brant Memorial Hospital is a long-term client of UNIS LUMIN, an authorized partner of Genuit Corp.
- 300 bed facility with attached Long-Term Nursing Facility
- 300 affiliated physicians
- Serving a community of a quarter of a million people in Ontario's "Golden Horseshoe"

### The Solution

#### **THINWORX™ RSA Security & UniKey provides physician mobility**

As a long-term provider to the healthcare industry, UNIS LUMIN is experienced in helping hospitals provide physicians with solutions to help simplify their workloads and increase productivity.

Following a careful review of the hospital's infrastructure, a detailed assessment of the hospital's HCIS applications, and a thorough evaluation of its need to maintain strict security, UNIS LUMIN proposed a server-based remote access solution to provide a secure connection between the hospital and its medical staff located off-site.

The solution recommended was THINWORX by Genuit Corp. There were four key reasons why UNIS LUMIN recommended THINWORX.

1. THINWORX™ stores files and manages applications centrally on the Hospital's server, so that remote users share simultaneous access to common applications no matter where they are located. The Hospital is able to extend its existing application environment to offices, clinics or homes anywhere that had web access.
2. THINWORX™ significantly reduces the individual desktop technical support required, lowering operating costs and improving business efficiency, so that the Hospital's IT department was not burdened with an increased workload.
3. THINWORX™ ensures that sensitive patient data is completely protected by integrating two complementary security products, Genuit's UniKey and RSA's Secure ID two-factor authentication.
4. RSA's two-factor authentication is based on a password or PIN, and an authenticator — providing a much more reliable level of user authentication than reusable passwords. With the addition of UniKey, the sign-on process is simplified so that instead of users having multiple log-ons for different applications, users are only required to log-on one time at each session.

### Results

The THINWORX™ implementation contributes to a higher quality patient care delivery by providing physicians and other staff with secure, cost effective, real-time access to patient information on any device at any location.

Patients benefit from knowing that their doctor is using the most current information about their particular care; doctors are able to maintain a continuity of care no matter where they are located or what time of day it is; hospital resources are liberated from paper-based client information systems increasing productivity and time management for all hospital staff.

The Virtual Doctor



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